



# 2016 Catalogue **Spanish Defence Industry**



MINISTRY OF DEFENCE

**SPANISH OFFICIAL PUBLICATIONS CATALOGUE**  
<http://publicacionesoficiales.boe.es/>

Edita:



© Author and Publisher, 2016

NIPO: 083-16-279-8 (paper edition)

NIPO: 083-16-280-0 (online edition)

Legal deposit: M-6485-2016

Publication date: april 2016

Printed by: Spanish Ministry of Defence



<http://publicaciones.defensa.gob.es/>

The authors are solely responsible for the opinions expressed in the articles in this publication.

The exploitation rights of this work are protected by the Spanish Intellectual Property Act. No parts of this publication may be produced, stored or transmitted in any way nor by any means, electronic, mechanical or print, including photocopies or any other means without prior, express, written consent of the © copyright holders.

This publication is printed paper 100% on chlorine-free.







2016  
Catalogue  
**Spanish Defence Industry**





# Index

PRESENTATION SPANISH DEFENCE INDUSTRY CATALOGUE 2016	7
INTRODUCTION TO THE FIRST EDITION	9
EDITORIAL COMMENT	11
SPANISH DEFENCE INDUSTRY	13
INDEX OF COMPANIES BY SECTOR	15
LAND INDUSTRY SECTOR	25
NAVAL INDUSTRY SECTOR	51
AEROSPACE INDUSTRY SECTOR	87
ARMAMENT & AMMUNITION SECTOR	123
ELECTRONICS, COMMUNICATIONS & ICT SECTOR	143
SERVICES, LOGISTIC & AUXILIARY INDUSTRY SECTOR	191
CONSULTING & ENGINEERING SECTOR	243
INDEX OF COMPANIES	255
POINTS OF CONTACT	263



*Pedro Argüelles Salaverría. Secretary of State for Defence*

goals and objectives with regard to the Defence industry, one of its cornerstones being international cooperation and overseas support, genuine catalysts of an innovative, prosperous and competitive industry.

Therefore, the contribution to the consolidation of the Defence industry truly requires supporting its international role in the context of an increasingly competitive market. The Defence Secretary of State welcomes the official 2016 Spanish Defence Industry Catalogue that we truly believe will help to promote the strong capacities of this industry sector internationally.

The Defence industry is a key pillar in the process of meeting the needs of the Armed Forces military equipment. It also plays a key role in strengthening the Spanish industrial sector, generating a sound demand for industrial goods, which results in the growth of our economy as a whole.

The Ministry of Defence, and in particular the Defence Secretary of State, is fully devoted to support institutionally the Spanish Defence industry. This is a strategic sector with a strong potential for innovation as well as for developing a highly qualified workforce. We deem this sector to be a key stone of our National Security and Sovereignty.

The National Defence Directive, of July 2012, laid down the framework for the promotion of the Defence industry sector and its international footprint. Likewise, the 2013 National Security Strategy, included among its National Defence strategic lines of action to “strengthen the fabric of Spain’s Defence industry through actions aimed at fostering, projecting and collaborating with the national capabilities that are deemed necessary, while safeguarding its own operational needs”.

The “Defence Industrial Strategy”, approved at the end of 2015, includes



# Presentation Spanish Defence Industry Catalogue 2016



*Lieutenant General Juan Manuel García Montaño  
National Armaments Director*

(NAD) is to galvanize the institutional support for the internationalization of the Spanish Defence Industry, endorsing exporting initiatives and establishing, reinforcing and consolidating bilateral relations in the field of industrial cooperation with other governments, thus helping the exporting effort of our Defence sector.

Early in this process, we identified the opportunity of having an official catalogue as a basic tool, to serve like a storefront of our security and Defence products and providers, to better promote the capacities of our Defence industry abroad.

During the elaboration process of this catalogue we relied in the cooperation of the most representative industries in this field, which provided the necessary information. The role of the Ministry of Defence was essential as well, especially the support provided by two entities of this General Directorate: on one hand, from the Deputy NAD for International Relations, by way of the Foreign Support Office (OFICAEX), in charge of defining the requirements; and on the other, from the Deputy NAD for Inspection, Regulations and Industrial Strategy, and thorough its platform of registry of companies at the Armament Directorate.

The Deputy Directorate for Publications and Cultural Heritage of the Deputy Secretariat for Defence in this Ministry, has been responsible for the layout and the publication of the document, which is available in two formats: printed and digital, and in both Spanish and English versions.

The Catalogue includes a broad review of the Spanish Defence industry. This pages reflect the activity of a thriving and competent Spanish Defence industry, capable of developing, integrating and placing in the market services and products of high added value and outstanding quality, by using state of the art technologies, and capable of competing with the most advanced industries from other countries.

This information is backed by the great amount of products and services provided by our Defence industries in all domains (land, naval, air and satellite), which are currently in service in different Armed Forces all over the world.

I hope this publication and its next editions will successfully support the Defence industry in the development of new business opportunities and international cooperation.

It is for me a great pleasure to present this “2016 - Catalogue of the Spanish Defence Industry”. Let me first of all express my gratitude to the companies and to the personnel from this Ministry that made it possible.

This first official Catalogue comes at the best possible time. The Spanish Defence Industry, is not only a strategic sector for the Spanish economy, but also an essential element in the process of the procurement and the sustainability of the military capabilities that our Armed Forces require to fulfil their missions of guaranteeing essential Defence interests of our society, such as the security of supply, information security or strategic autonomy.

A key goal of the Spanish Defence Policy in this field is the development and the strengthening of a competitive Spanish Defence technological and industrial base, which will assure the necessary indigenous capabilities.


A limited domestic Defence market and the lack of new armament international cooperation programs means that, the evolution towards a sustainable model for the Spanish Defence industrial sector will require from the involved companies an active pursue of opportunities in the international markets.

This is why, one of the tasks assigned to the National Armament Directorate



# Introduction to the First Edition





The Foreign Support Office at the Ministry of Defence of Spain (OFICAEX), within the Deputy National Armament Directorate (NAD) for International Relations and the National Armament Directorate (NAD), whose activity is regulated in Instruction 25/2013 of April 22<sup>nd</sup> by the State Secretary for Defence, is the organism in charge of the development of the institutional support for the internationalization of the Spanish Defence Industry.

To fulfil its commitment to make known and to promote the capabilities of our Defence industry in the foreign markets, OFICAEX was entrusted with the elaboration of this Catalogue that now comes out in its first edition. Therefore NAD faced the challenge of gathering a quantitative and qualitative selection of the Spanish Defence industries representative, both for their capacity to provide with its own, innovating and state of the art solutions in the various aspects of their field, as well as for their well-known efficiency and management capabilities in their activities as providers of goods and services.

Therefore, we would like to underline that this publication is not a commercial catalogue, but an official one , which includes a list of companies, whose products, solutions and projects have met the needs of our Armed Forces or have proved their industrial capabilities, with quality and excellence demonstrated all through their processes.

The main requirement for the inclusion of the companies in this Catalogue was their previous registration on the data base of the NAD Companies Registry. Nevertheless, the resulting list was very long, due to the unquestionable quality of all of them. Therefore, and to achieve a manageable, friendly-format document, other criteria were applied such as, the companies' turnover and their commercial relationship with the Spanish Armed Forces. This is how this list has been compiled. At the same time, it opens the door to many other derivate industries of lesser size, not included in this Catalogue, but which sub-products have a decisive influence in the quality of the final system offered to the client. In any case, additional information for customers from other countries, on these and other small companies not included in this edition, may always be requested through the corporate OFICAEX e-mail address: (dgam.rein.apoyoext@oc.mde.es).

Aiming to turn this edition into a useful tool for the decision bodies from the administrations, international organizations and the industry of this sector, this Catalogue will be distributed to various authorities from the General Administration (AGE), the Armed Forces, Land, Air and Navy, and the main business Industry associations as well as all of the participating companies. Also, copies of this document will be available at all of our Embassies, Defence Attachés and Spanish Ministry of Defence's offices accredited abroad.

Organized by sectors/subsectors, the Catalogue has a fact sheet of each Company with general data, a short description of its activity and a selection of the most representative products/capacities for export. The information here contained has been provided by the Defence industry and doubled checked by the proper military authorities, as of 31<sup>st</sup> December 2015.

In order to turn this Catalogue into a consulting and working tool that is easy and updated, it has been edited in paper and digital versions, both in Spanish and English.

The collaboration by the Deputy NAD of Inspection, Regulations and Defence Industrial Strategy and by the Deputy Directorate for Publications and Cultural Heritage has been essential.

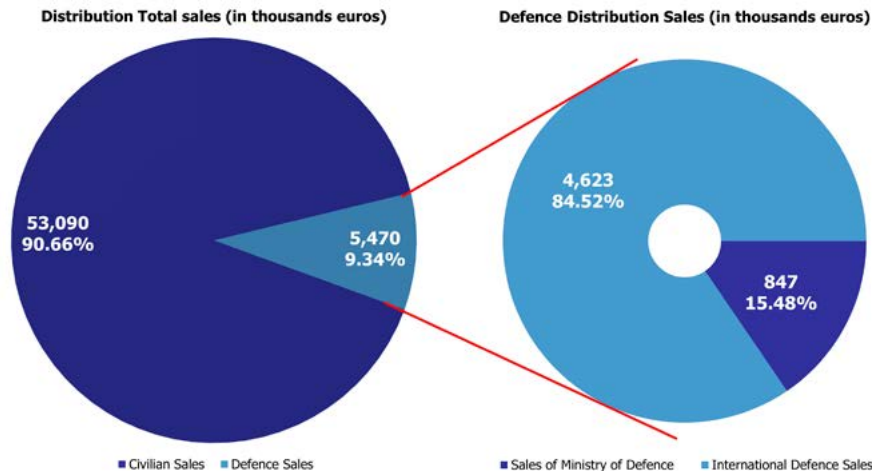
This NAD hopes to have achieved the goal that was set at the moment of deciding to publish this *“Catálogo de la Industria Española de Defensa - 2016”*.

The main reason was to provide with its unconditional support to a strategic sector that is looking beyond our borders, and also, that the information in this first edition becomes a window for our industrial capacities, so that it becomes useful to every person and organization that may require to make use of it.

We also wish to convey to the reader the will of the team that has made this publication possible, to start working right from this moment in a new edition that will enlarge, update and improve this one.

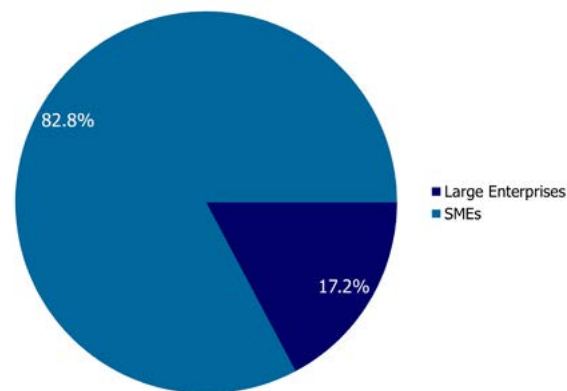


# Editorial Comment



*Distribution Total Sales/Defence Sales*

**Distribution of SMEs and Large Enterprises in the Defense sector**



*Distribution of SMEs and Large Companies in the Defence Sector*

In the Ministry of Defence there are currently 568 registered companies. **383 firms out of the total invoiced a product or service in the defence sector** in 2014, last year with data available in the Register of Companies of the General Directorate of Armament and Materiel.

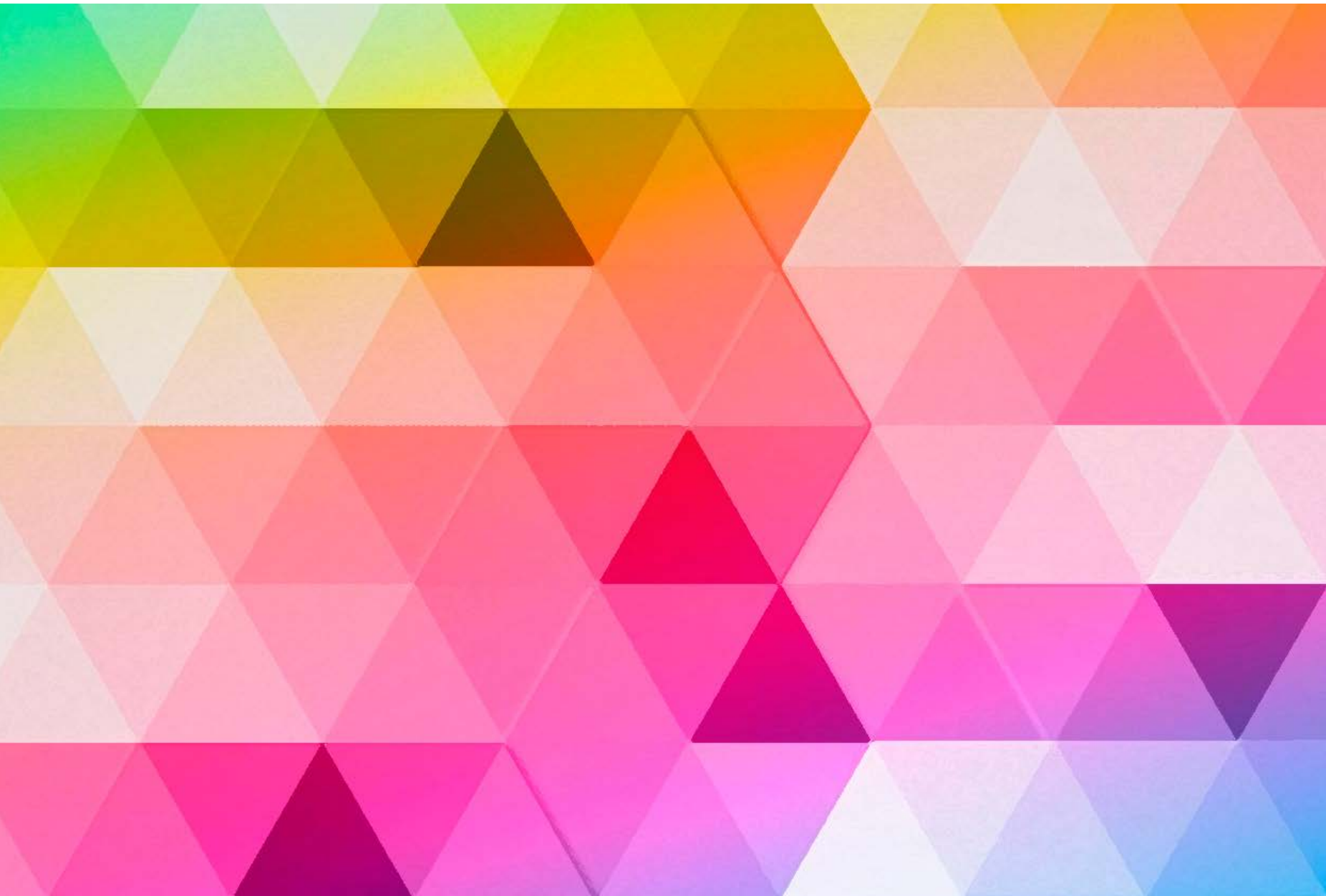
The turnover of these 383 companies was **5,500 M€ in the defence sector, of which over 85% was export product**. If the civil market is taken into account, the total turnover amounted to almost 60,000 M €. In terms of employment the defence sector generated in 2014 about **20,500 direct jobs** and 62,000 indirect jobs. The manpower of the companies linked to the defence sector goes up to 200,000 people, civil and defence sector both included.

The defence sector is mainly composed of **a small number of large leading companies** in each subsector and a broad net of highly competitive SMEs and, in some cases, of a high technological content. 17% of this sector is made up of large companies with over 250 employees and 83% are SMEs (70% of them with less than 50 employees).

Spain is the 5<sup>th</sup> largest economy in the European Union and the 13<sup>th</sup> in the world, being one of the countries of the Euro Zone that has grown in recent years in the exports chapter. In this regard Spain is listed in the 4<sup>th</sup> or 5<sup>th</sup> place in Europe and the 7<sup>th</sup> worldwide. Spanish exports represent 3.5% out of the total worldwide.



# Spanish Defence Industry







# Index of Companies by Sector

			Page	Land industry					Naval industry							Aerospace industry									
				Vehicles	Systems & equipment	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Military vessels	Submarines	Rescue & police vessels	Other vessels	Systems & equipment	Underwater systems	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Aircraft	Helicopters	RPAS	Aerial systems & equipment	Simulation	Satellites	Satellite services	Ground segment
Main sector: Land industry	ADELTE INGENIERÍA DEL TRANSPORTE, S.L.U	44		X																					
	AUCAR TRAILER, S.L.	44	X	X																					
	AUSA CENTER, S.L.U.	44		X																					
	CASLI, S.A.	44		X	X	X	X				X														
	CAUCHOS PUNTES, S.L.	45		X																					
	COMERCIAL E INDUSTRIAL EUROIBÉRICA, S.A.	45				X	X																		
	COMERCIAL HERNANDO MORENO, S.L.	45		X		X																			
	COMPañA DE RECTIFICADOS DE CORDOBA, S.A.	45		X		X																			
	DANIMA INGENIERIA AMBIENTAL, S.A.	46		X																					
	GDELS-SANTA BÁRBARA SISTEMAS, S.A.	26	X	X		X																			
	GRUPO DE INGENIERIA, RECONSTRUCCION Y RECAMBIOS JPG, S.A.	28		X		X	X																		
	INDITE 2000, S.L.	46		X																					
	IVECO ESPAÑA, S.L.	30	X	X		X																			
	MANN+HUMMEL IBÉRICA S.A.U.	46		X																					
	MARZASA - MARTIN ZABALLOS, S.A.	32		X																					
	PROTEC-FIRE, S.A.	34		X																					
	PROYTECSA SECURITY, S.L.	36	X	X																					
	RENOVA-MOTOR,S.L.	46		X		X																			
	SAPA OPERACIONES, S.L.	38		X							X														
	STAR DEFENCE LOGISTICS & ENGINEERING SL	47		X		X																			
TALLERES GRUYMA, S.L.	47		X		X																				
TECNOVE SECURITY, S.L.	40		X																						
TIRUÑA, S.L.	47		X																						
TRANSMISEVILLA, S.L.	47		X		X	X				X															
UP LIFTING VERTICAL, SA	48	X																							
URO, VEHICULOS ESPECIALES, S.A.	42	X			X																				
VT PROYECTOS, S.L.	48	X	X		X																				
ZF FRIEDRICHSHAFEN HOLDING ESPAÑA S.L.U.	48		X		X																				
Main sector: Naval industry	ABANCE INGENIERIA Y SERVICIOS, S.L.	52					X	X	X		X	X	X	X	X										
	ABENGOA HIDRÓGENO S.A.	76									X										X			X	
	AEROMARINE	54									X		X	X									X		
	APOYO LOGÍSTICO INTEGRADO, S.L.	76			X									X											
	ARMANDO CALERO E HIJOS, S.L.	76									X														
	ASTILLEROS CANARIOS, S.A.	76												X	X										
	ASTILLEROS GONDÁN, S.A.	56					X		X	X	X			X											
	CAMAR INDUSTRIAL, S.A.	58									X	X		X									X		X
	CARPINTERIA NUESTRA SEÑORA DE LOURDES, S.L.	77									X														
	CONSTRUCCIONES NAVALES P. FREIRE, S.A	60					X		X	X				X											
	CT INGENIEROS DE GALICIA NAVALES A.A.I., S.L.	77														X									
	DESARROLLO TECNICAS INDUSTRIALES DE GALICIA, S.A.	62									X			X	X										
	DISEÑO NAVAL E INDUSTRIAL, S.L.	77									X		X	X	X										
	ELECTROCANTERAS, S.L.	77									X			X											
	FEJIMA, S.A.	78									X														
	FELIPE DEL ROSARIO HERNANDEZ, S.L.	78									X														
	FLUIDMECANICA SUR, S.L.	64		X		X	X				X			X	X				X						
	FOROVE, S.L.	78									X														
	GABRIEL BALLESTER, S.L.	78		X							X					X									
	GADITANA DE CHORRO Y LIMPIEZA, S.L.	79									X			X	X										
	GAUZON IBERICA, S.L.	79												X	X										
	GRUPO INTAF	79									X														
	IKM TESTING SPAIN, S.L.	79									X			X	X										
	INDUSTRIAL CARTHAGO BUQUES S.L.	80									X			X											
	INDUSTRIAL DE ACABADOS, S.A.	80									X														
	INDUSTRIAS HIDRÁULICAS ROSPA, S.L.U.	80									X														
	METALMECÁNICAS HERJIMAR, S.L.	66									X			X	X										
	METALUR TRES CAMINOS, S.L.	80									X			X	X										
MEYCAGESAL, S.L.U	81									X				X											
MOTORAZA SL	81									X															
NAVANTIA, S.A.	68						X	X		X	X		X												

[illegible]

		Page	Land industry					Naval industry								Aerospace industry										
			Vehicles	Systems & equipment	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Military vessels	Submarines	Rescue & police vessels	Other vessels	Systems & equipment	Underwater systems	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Aircraft	Helicopters	RPAS	Aerial systems & equipment	Simulation	Satellites	Satellite services	Ground segment	Satellite systems & equipment	
Main sector: Naval industry	NORINVER MONTAJES E INGENIERIA, S.L.	81									X															
	PECOFACET IBÉRICA, S.A.	70									X															
	PENAME, S.L.	81												X	X											
	PINTURAS ANSAPE, S.L.	82									X															
	PINTURAS HEMPEL, S.A.U.	82									X															
	QUIMDUNAVÁL, S.L.	82												X												
	REFRIGERACION GUILLEN, S.L.	82									X															
	RODMAN POLYSHIPS SAU	72					X		X	X																
	RODRITOL, SL	83									X															
	S.A. DE ELECTRONICA SUBMARINA	74										X	X		X											
	SEAPLACE, SL	83														X										
	TALLERES RENAIN, S.A.L.	83									X				X	X										
	TECHNO PRO HISPANIA, S.L.	83			X		X			X			X	X	X											
	TINCASUR SUR, S.L	84									X															
	XINERGIA ECO CONSULTING, S.L.	84													X											
Main sector: Aerospace industry	ACITURRI COMPOSITES, S.L.U	88																	X							
	ACITURRI METALLIC PARTS, S.L.U.	90																	X							
	AERLYPER, S.A.	92																	X	X						
	AEROSPACE ENGINEERING GROUP, S.L.	118																	X	X						
	AIRBUS DEFENCE AND SPACE, S.A.	94														X		X	X	X	X	X		X	X	
	AIRBUS HELICOPTERS ESPAÑA, S.A.	96															X		X	X						
	ASON ELECTRÓNICA AERONÁUTICA, S.A.	118					X												X	X						
	COMPañIA ESPAÑOLA DE SISTEMAS AERONÁUTICOS, S.A.	98																		X						
	COMPUTADORAS, REDES E INGENIERIA, S.A.U	100																		X		X		X	X	
	CONSULTORES DE SISTEMAS DE AERONAUTICA, S.A.	118																		X						
	CONSUR, S.A.	118																		X						
	CT INGENIEROS AAI, S.L.	102		X			X													X						
	EINSA	104		X		X	X													X	X					
	ETEL 88, S.A.	119																		X						
	FLAVIA AERONAUTICA Y SISTEMAS S.L.	119																		X						
	FUNDACIÓN ANDALUZA PARA EL DESARROLLO AEROESPACIAL	119																		X	X					
	GESTAIR MAINTENANCE, S.L.U	119																		X						
	HISDESAT SERVICIOS ESTRATEGICOS, S.A.	106																					X			
	INDUSTRIA DE TURBO PROPULSORES, S.A.	108																		X						
	INGENIERIA SEMASA, S.A.	120																		X						
	INMAPA AERONÁUTICA SLU	120																		X						
	LANGA INDUSTRIAL, S.A.	110					X																			
	LATECOERE SERVICES IBERIA, SL	120																		X		X			X	
	MILITÄRTECHNOLOGIE, DIENST UND ÜBERWACHUNG, S.A.U.	112		X																X	X					
	RAMEM, S.A.	120																							X	
	SERVICIOS DE TECNOLOGÍA, INGENIERÍA E INFORMÁTICA, S.L.	114		X								X		X			X	X	X	X	X			X	X	
	SISTEMAS DE CONTROL REMOTO, S.L.	116																		X	X	X				
TURBAIR, S.A.	121																			X						
Main sector: Armament & ammunition	ADAPTIVE SYSTEMS, S.A.	138																								
	ECIA XEMEIN	138																								
	EXPAL SYSTEMS, S.A.	124				X	X												X							
	FALKEN, S.A.	138																								
	HERCULES DE ARMAMENTO S.L	138		X							X								X	X						
	IBATECH TECNOLOGÍA, S.L.U.	139																								
	INMIZE SISTEMAS, S.L.	139																								
	INSTALAZA, S.A.	126																								
	MBDA ESPAÑA, S.L.	139																	X							
	MENPRO GESTIONES DOCUMENTARIAS	139		X																						
	NAMMO PALENCIA, SL	128																								
	NEW TECHNOLOGIES GLOBAL SYSTEMS, S.L.	140	X	X								X							X							
	NIGHTVISION LASERS SPAIN, S.L.	130																								
	OTO MELARA IBERICA, S.A.U.	132		X		X																				
	PAP TECNOS INNOVACIÓN, S.A.U.	134		X		X																				
SENER INGENIERÍA Y SISTEMAS, S.A.	136		X				X		X	X								X	X		X			X		



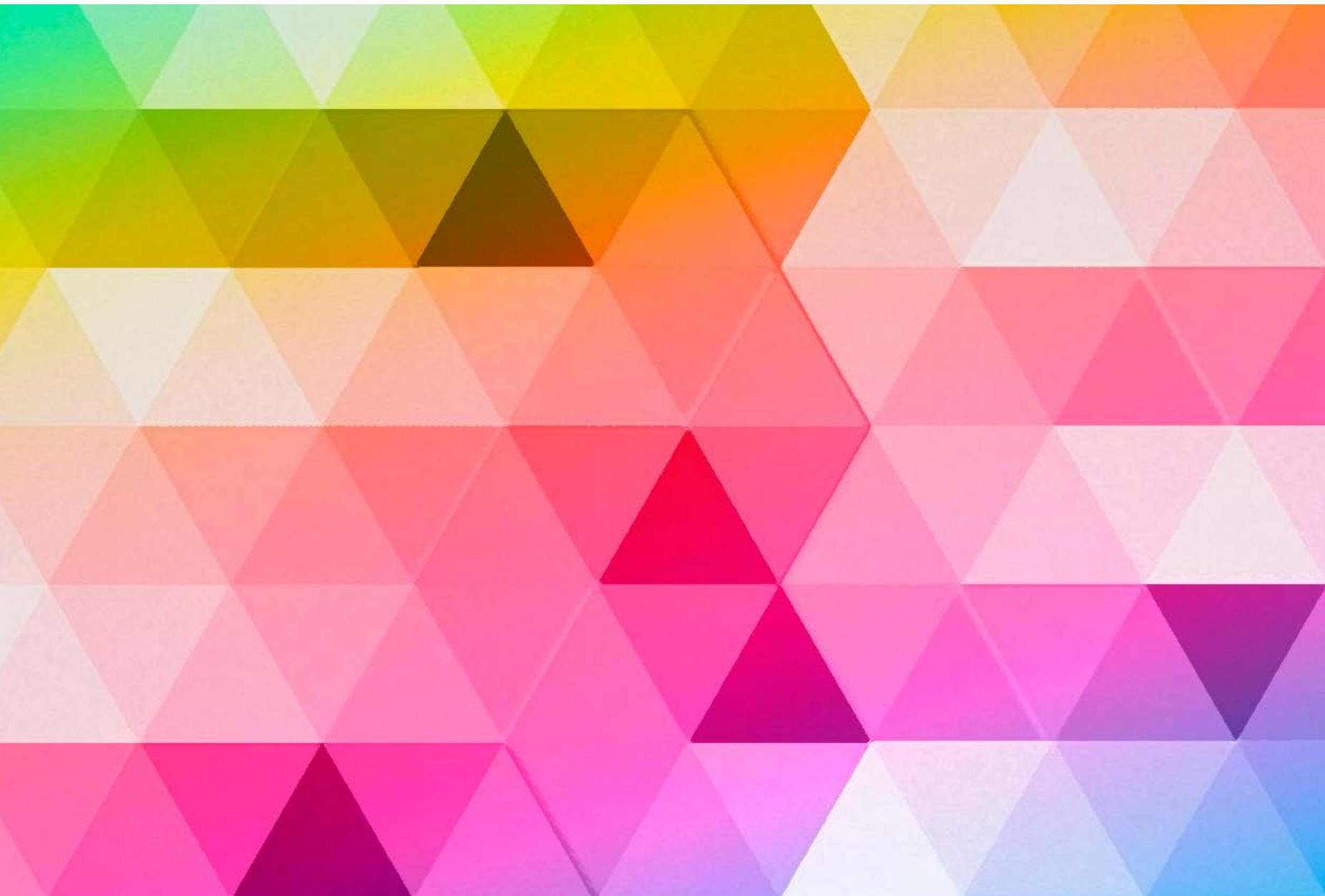




Maintenance & life cycle support Auxiliary industry & spares		Armament & ammunition								Electronics, communications & ICT								Services, logistic & auxiliary industry													Consulting & engineering
		Armament	Ammunition	Missiles	Demilitarization	CIED	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Radars	Electronic warfare	CAISR	Ciberdefence	Surveillance & security	Systems & equipment	Simulation	Maintenance & life cycle support	ICT	Field Logistic	Infrastructures	CBRN	Dress & soldier equipment	Diet	Military health & medicine	Auxiliary industry & machinery	Services	Consumer goods	Security services	Others	Consulting & engineering	
												X		X			X														
														X			X														
																X	X														
									X		X	X	X	X			X		X					X					X		
												X	X	X	X		X	X													
		X						X				X	X	X	X															X	
				X					X					X																	
	X									X	X	X	X	X				X												X	
														X	X			X													
									X	X	X			X		X					X									X	
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																
														X	X																

			Page	Land industry					Naval industry							Aerospace industry										
				Vehicles	Systems & equipment	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Military vessels	Submarines	Rescue & police vessels	Other vessels	Systems & equipment	Underwater systems	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Aircrafts	Helicopters	RPAS	Aerial systems & equipment	Simulation	Satellites	Satellite services	Ground segment	Satellite systems & equipment
Main sector: Services, logistic & auxiliary industry	COMPañÍA LOGÍSTICA DE HIDROCARBUROS CLH, S.A.			233																						
	CONSTRUCCIONES FRANCISCO ROCA SANCHEZ, S.L.			233									X													
	DESARROLLO DE EQUIPOS MILITARES, S.L.U.			234																						
	DESOXIDADOS Y PINTURAS INDUSTRIALES, S.A.			234									X													
	DISEÑOS Y PROYECTOS TÉCNICOS, S.A.			198									X													
	EASA NAVAL, S.L.			234																		X				
	EL CORTE INGLÉS, S.A.			200																						
	EL SIGLO 1870 S.L.			234																						
	ELECTRO RUIZ, S.A.			202																						
	ELINCO CONSTRUCCIONES ELECTRICAS, S.L.			204									X													
	EMTE SERVICE SAU			235																						
	EULEN SEGURIDAD, S.A.			235																						
	FABRICA ESPAÑOLA DE CONFECCIONES, S.A.			206																						
	FACET BOX, S.L.			235																						
	FAL CALZADOS DE SEGURIDAD, S.A.			235																						
	FEDUR, S.A.			236																						
	FRIMARTE, S.L.			236									X													
	FRIO CLIMA VALENTIN, S.L.			236																						
	FRIZONIA REFRIGERACION Y CLIMATIZACION, S.L.			236									X													
	GUTMAR, S.A.			208		X																X				X
	HISPANO VEMA, S.L.			210		X																				
	IBER PRECIS, S.L.			237		X															X	X				
	IMPRIMACIONES MAJANO S.L.			237																						
	INDUSTRIAL MATRICERA PALENTINA, S.L.U.			237									X									X				
	INDUSTRIAL SEDO, S.L.			237		X			X																	
	INNOVATION FOR SHELTER, S.L.			212																						
	INSTALACIONES INABENSA, S.A.			238				X																		X
	ISOWAT MADE, S.L.			214									X													
	ITURRI, S.A.			216	X	X																				
	LEEWARD ESPAÑA, S.L.			238																						
	LINDE MATERIAL HANDLING IBÉRICA, S.A.			238		X																				
	MANTENIMIENTO Y SERVICIOS TECMAN, S.L.			238				X																		
	MECANICA DE PRECISION TEJEDOR, S.A.			239		X																				
	MECANICAS BOLEA, S.A.			239									X									X				
	MECANIZADOS, S.A.			239																						
	PARAFLY, S.A.			218																		X				
	PINE INSTALACIONES Y MONTAJES, S.A.			239									X													
	QUATRIPOLE INGENIERÍA, S.L.			220	X	X		X	X				X													
	SAGRES, S.L.			240																						
	SAIMA SEGURIDAD, S.A.			240																						
	SEGUR IBERICA, S.A.			240																						
	SERVICIOS LOGISTICOS INTEGRADOS, S.A.			222																						
	SISTEMAS DE INTERCONEXION, S.A.			224		X							X									X				
	SUMINISTROS DE CONECTORES PROFESIONALES, S.A.			226		X							X									X				
	TECHCO SECURITY			240																						
	TEXTIL SANTANDERINA, S.A.			241																						
	TOLPIN, S.A			228																						
	UNION CASTELLANA DE ALIMENTACION, UCALSA, S.A.			230																						
	YUMA			241																						
Main sector: Consulting & engineering	ALTEN SOLUCIONES, PRODUCTOS, AUDITORIA E INGENIERÍA, S.A.			244						X		X									X					
	ALTRAN INNOVACIÓN, S.L.			246																	X	X	X		X	X
	EVERIS SPAIN, S.L.U.			252																						
	GAHN, LOGÍSTICA, GESTIÓN Y CONSULTORÍA, S.A.			252																						
	GHENOVA INGENIERÍA, S.L.			248								X					X				X					
	INGENIERIA DE SISTEMAS PARA LA DEFENSA DE ESPAÑA, S.A.			250		X		X	X			X			X	X				X	X		X		X	
	IN-NOVA, PROGRAMA DE INNOVACIÓN INTERNCIONAL S.L.			252																X						
	INTEGRACION TECNOLOGICA EMPRESARIAL, S.L.U.			252				X				X				X						X				
	SEGULA TECNOLOGÍAS ESPAÑA, S.A.U.			253		X																X				
SISTEPLANT, S.L.			253				X								X						X					

Maintenance & life cycle support Auxiliary industry & spares		Armament & ammunition							Electronics, communications & ICT							Services, logistic & auxiliary industry										Consulting & engineering		
Armament	Ammunition	Missiles	Demilitarization	CIED	Simulation	Maintenance & life cycle support	Auxiliary industry & spares	Radars	Electronic warfare	C4ISR	Ciberdefence	Surveillance & security	Systems & equipment	Simulation	Maintenance & life cycle support	ICT	Field logistic	Infrastructures	CBRN	Dress & soldier equipment	Diet	Military health & medicine	Auxiliary industry & machinery	Services	Consumer goods	Security services	Others	Consulting & engineering
													X					X					X	X		X		
																	X			X		X		X				
																		X					X					
												X						X					X				X	
																	X	X		X			X		X		X	
																		X		X			X		X		X	
																		X					X		X		X	
																X		X					X					
												X											X		X			
X															X					X	X			X				
																				X								
																					X							
																		X					X					
																		X	X	X			X					
X		X					X											X	X	X		X			X			
	X																	X					X					
												X						X	X	X		X						
										X			X					X		X		X						
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					
																		X					X					





# Land Industry Sector

**GENERAL DYNAMICS**

European Land Systems  
Santa Bárbara Sistemas

Vía de los Poblados, 3, Edif. 7/8. 28033,  
Madrid (Madrid)  
Telf.: 0034 915850110  
[www.gdels.com](http://www.gdels.com)

**GDELS-SANTA BÁRBARA SISTEMAS, S.A.**

## Land Industry

Vehicles, Systems & Equipment,  
Maintenance & Life Cycle Support

## Armament &amp; Ammunition

Armament; Ammunition; Missiles;  
Maintenance & Life Cycle Support

Services, Logistic & Auxiliary Industry  
Consumer Goods

Santa Bárbara Sistemas is a Spanish company that employs more than 700 highly skilled employees in four workplaces especially dedicated to the Defense industry. The knowledge and industrial infrastructure endow SBS with unique technological capabilities in Spain, being a European reference center for R & D and production in the areas of mobility, protection, firepower, systems integrator and ILS. Santa Bárbara Sistemas has more than 40 years leading land programs for the Armed Forces of Spain and other NATO and non-NATO countries like ordnance, weapons systems, missiles and wheeled and tracked armored vehicles and chains as BMR, Pizarro, RG-31 and Leopard 2E battle tank, as well as artillery systems with the SIAC.

Certifications:  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2120

**VCR 8x8 PIRANHA 5**

The VCR 8x8 PIRANHA 5 is a wheeled combat vehicle with the best mobility, protection and potential growth of the market. The entire system is designed so that it can be updated throughout life to integrate new technologies as they develop protection or to respond to new threats.





## Main Products / Services

### ASCOD VEHICLE (PIZARRO)

The ASCOD vehicle is one of the best Infantry Fighting Vehicles of its class (31-42 ton), a tracked combat vehicle designed to operate in conjunction with main battle tanks. The Spanish version of the ASCOD is the Pizarro, the Austrian version is the Ulan and the English, is currently renamed AJAX. The ASCOD has served for the basis for the British development of the SV Program.



### 155/52 SIAC HOWITZER

Santa Bárbara Sistemas designs and manufactures a wide range of armaments and ammunition in its facilities in Spain. We are currently producing the towed 155/52 SIAC howitzer, developed for fire support and protection missions with high performance, low maintenance cost and a reduced crew, which is in service internationally.



### MISSILES WARHEAD AND ROCKET MOTOR

Santa Bárbara Sistemas manufactures warheads and rocket motors for Meteor, Mistral and Spike missiles. Full assembly of missiles: Santa Bárbara Sistemas performs the assembly of the Spike missiles.



### ROUND 105 MM TPCSDS-T

This round is used with the 105/52 gun and M68 (M48 and M60 tanks). A high velocity kinetic energy round, fin stabilized, with tracer. Used against armored targets.





**GRUPO DE INGENIERÍA, RECONSTRUCCIÓN  
Y RECAMBIOS JPG, S.A.**

Land Industry  
Systems & Equipment; Maintenance &  
Life Cycle Support; Auxiliary Industry &  
Spares

Services, Logistic & Auxiliary Industry  
Auxiliary Industry & Machinery; Others

Land Industry  
Sector

C/ San Norberto, 42. 28021,  
Madrid (Madrid)  
Telf.: 0034 917109082  
[www.grupojpg.com](http://www.grupojpg.com)

Distribution and after-sales service SANTANA original spare parts, supply of spare parts for military wheeled and tracked vehicles, especially NISSAN, IVECO, KYNOS, PIZARRO, M-60 and BMR/VEC; Engineering projects, maintenance, reconstruction and modernization of military wheeled and tracked vehicles, special machinery, test benches, especially KYNOS, PIZARRO, M-60 tanks family, NISSAN and IVECO, including power plants and military gensets in test benches up to 2.000 hp; Design, supply and maintenance of Crane bridges, hoists and elevation systems: engineering, manufacturing, installation, maintenance and spare parts.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

**MAINTENANCE INTEGRAL  
FULL TRACKED ARMORED  
TANK PIZARRO**

Pizarro integral maintenance car, including sets and subsets that form, such as motor, gearboxes, final steps barge, electrical, turret, hydraulic system, etc.



## Main Products / Services

### TEST BENCHES AND TEST BENCHES VEHICLES

Design, manufacturing and supply of Test Benches.



### RECONSTRUCTION AND REPAIR OF ENGINES

Reconstruction and repair of all types of engines for trucks, tanks and other vehicles.



### MAINTENANCE AND REPAIR OF SPECIAL FULL TRACKED ARMORED TANKS

Maintenance and repair of special car VLPD, CA, CREC, including sets and subsets that form, such as motor, gearboxes, final steps barge, electrical, turret, hydraulic system, etc.



### MAINTENANCE, MODERNIZATION AND REPAIR OF ARMORED VEHICLE BMR

Maintenance, modernization and repair of the complete vehicle including BMR sets and subsets that form, such as motor, gearboxes, transmissions, barge, electrical system, etc.





Avda. Aragón, 402. 28022,  
Madrid (Madrid)  
Telf.: 0034 903252700  
[www.iveco.es](http://www.iveco.es)

## IVECO ESPAÑA, S.L.

Land Industry  
Vehicles; Systems & Equipment;  
Maintenance & Life Cycle Support

Iveco designs, manufactures and markets light, medium and heavy commercial vehicles, quarry and construction, urban and intercity buses, and special vehicles for applications such as firefighting, off-road missions, military and civil defense.

Iveco Defence Vehicles is the specialist business unit concerning the development, production, marketing and service of products destined for the world's armed forces as logistic, tactical, armored and multirole vehicles (Light Multi-role vehicle pictured).

These vehicles use FPT Industrial powertrain components and are realized using the bespoke design and production facilities in Bolzano, Italy.

Certifications:  
ISO 9001  
ISO 14001  
OHSAS 18001  
PECAL/AQAP 2120

## TRAKKER VEHICLES

Family of vehicles designed to satisfy any need in all kind of terrain, providing maximum comfort, reliability and performance.

Wide range of versions: rigid/tractor, 2 or 4 axle models, partial/full drive, twin/single cab, and powers ranging from 310 to 500 HP.

Designed to meet military requirements, these vehicles can mount a cab armor kit which will make them appropriate to work in highly risky areas.



## Main Products / Services

### ASTRA VEHICLES

Military tactical trucks, full drive, 4x4, 6x6 and 8x8 configurations, rigid/tractor versions, equipped with mechanical or automatic gear box and exclusively designed to carry out all kind of military operations. Endowed with high mobility and fording performances and able to grant tactical support to any military operations under most hostile conditions thanks their ability to incorporate a new generation of easily detachable modular armor kits which provide highest mine and shoot protection.



### ARMoured VEHICLES

Wheeled, armored, airborne vehicles, designed to guarantee crew survivability thanks to their innovative single-block hull design.

VBTP: 6x6 amphibious vehicles suitable for grade 3 sea operations.

SUPER-AV: 8x8 amphibious vehicles, suitable for grade 3 sea operations.

CENTAURO: Tank, suitable for terrestrial military operations: fight, fight support and personnel carrier (up to 13 people).



### MULTIROLE VEHICLES

High mobility wheeled vehicles, endowed with a high level of mine and shoot protection. Designed to carry out peace-keeping as well as fight missions.

LMV (Light Multirole Vehicle): 4x4 vehicle, featuring versions as link vehicle, casualty evacuation, arms platform, ISTAR, patrol vehicle and special forces.

MPV (Medium Protected Vehicle): 4x4 and 6x6 vehicles designed from TRAKKER. Suitable as personnel carrier, ambulance, artillery tractor and post of command.



### EUROCARGO MEDIUM VEHICLE

Family of rigid vehicles (with a maximum power of up to 320 HP), 2 axle (MTMA from 11 to 19 T), partial/full drive, able to fit single, twin and even triple cab. Their high payload (up to 12 T, compared with the 11 T payload of two-axle TRAKKER vehicles) as well as their reduced dimensions and wide availability of gearbox types (Mechanical, automatic or automated) make of EUROCARGO the ideal vehicles to work in limited mobility terrains.







## MARZASA - MARTÍN ZABALLOS, S.A.

Land Industry  
Systems & Equipment

Production of fuel tanks, water tanks, tank containers, aircraft refueling units, trailers, general cargo, tankers of water trailers, fuel tank trailers, refrigerated trailers, warehouse, workshop trailers, trailers transporting ammunition, trailers fire protection, trailers carrying machines. Special bodies for troop transport, palletized cargo, and shelter.

### TRAILER GENERAL LOAD TOW

General cargo road 1,500/2,000 Kg; Folding and removable rear door; Arches and removable awning; Foldable support wheel with height regulation system; NATO towing eye; Pneumatic operation service brake; Parking Brake; NATO lighting installation; Spare wheel and support.



Certifications:  
ISO 9001  
PECAL/AQAP 2120



## Main Products / Services

### TRUCK BODY

Folding and removable seats for transporting troops; Folding and removable side and rear doors; Arches and detachable awning; Anchor transportation and shelter NATO II and ISO 10 ft.



### FUEL TANK ON TRUCK

Tanker transport and supply of fuel; Equipped with liter counter, hose and nozzle service; Manufacture of carbon steel or aluminum; Hose for gravity discharge.



### FUEL TANK CONTAINER

Independent pump integrated in the container team; Possibility of supply for light vehicles and heavy vehicles; Gravity discharge; Approved for transport of dangerous goods by road, rail and ship; 20 ft ISO container stacking three heights.



### FUEL SUPPLY TANKER AIRCRAFT

Fuel supply tanker aircraft; Supply under wing and over wing.





C/ Galileo Galilei, 25. Pol. Ind. La Garena. 28806,  
Alcalá de Henares (Madrid)  
Telf.: 0034 663019595  
[www.iturri.com/es/quienes-somos/grupo-iturri/protec-fire](http://www.iturri.com/es/quienes-somos/grupo-iturri/protec-fire)

### PROTEC-FIRE, S.A.

Land Industry  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Others

Land Industry  
Sector

PROTEC-FIRE is the company within the ITURRI Group which is dedicated to:

- Bodywork of fire fighting vehicles: urban, rural, forest, industrial, airport use.
- Design and manufacturing of airport vehicle chassis
- Bodywork of specialist vehicles: health transport, medical intensive care units, aviation refueling trucks.
- Fire prevention engineering
- Emergency equipment
- Turnkey fire prevention premises.

Certifications:  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### FIRE FIGHTING VEHICLE

4X4 Fire fighting vehicle to be used at Spanish Airports, containing the following extinguishing Agents: Water (5,000 litres), Foam (600 litres), Dry powder (250 kg).



### FIRE VEHICLES

4X4 Air transportable fire fighting vehicle to be used at Spanish airport and able to be transported by plane. It contains the following extinguishing agents: Water (4,000 litres), Foam (400 litres), Dry powder (150 kg).



### FIRE SAFETY INSTALLATIONS

Fire safety installations for the protection of a spherical tank for storage of Butadiene. It's a deluge system with automatic fire detection.





Paseo de la Castellana, 141-Edif. Cuzco, Plantas. 18-20. 28046,  
Madrid (Madrid)  
Telf.: 0034 974431510  
[www.proytecса.net/es](http://www.proytecса.net/es)

### PROYTECСА SECURITY, S.L.

Land Industry  
Vehicles; Systems & Equipment

Armament & Ammunition  
CIED

Electronics, Communications & ICT  
Surveillance & Security; Systems &  
Equipment

Services, Logistic & Auxiliary Industry  
Others

Proytecса Security is a Spanish company with a clear international outlook whose headquarters are in Madrid and whose main facilities are in Huesca. Our mission is to design, develop, produce and sell our own technological solutions adapted to the specific Security and Defence needs of our national and international customers

Proytecса Security has been collaborating closely with national security forces and agencies, financial entities, railway companies, public administrations and private corporations for over 25 years. This has given us a strong position on the international scene and made us a benchmark brand in the security industry.

### AUNAV.CID

The aunav.CID is an articulated and extensible robotic arm, equipped with control technology and intelligent management, which allows performing recognition and identification functions and removal of any artefact or perceived threat, especially those that are explosive. The IED verification arm is designed for its installation in a shielded vehicle through a quick coupling system. The system is self-contained only needing a power connection to the vehicle.



Certifications:  
PECAL/AQAP 2110  
ISO 14001  
ISO 9001

## Main Products / Services

### AUNAV.NEXT

ROV for situations with both EOD and CIED, VBIED (Vehicle Borne Improvised Explosive Device) or CNBR threads. It has two synchronized arms, an electrohydraulic arm with a lifting force up to 250 Kg. and a second optional electrical arm. Certified IP65 prevents dirt or CBRN contamination penetrates into the robot, allowing its use in the most demanding conditions and its cleanliness with water jets safely.



### AUNAV.EOD

The aunav.EOD was designed and developed in cooperation with the Spanish National Police and their TEDAX (bomb squad) units to fight terrorism in Spain. The aunav.EOD is a highly sophisticated, mid-size robot for bomb deactivation. Its huge weight lifting capacity and precision allow bomb squad personnel to effectively react when handling devices in EOD and CIED operations, VBIEDs (Vehicle Borne Improvised Explosive Device) or CBRN (Chemical, Biological, Radiological, and Nuclear) threats.



### AUNAV.MEGA

The aunav.MEGA is a robot designed for perimeter surveillance and standard EOD, CIED, and CBRN operations in strategic infrastructure such as petrochemical and nuclear facilities, as well as major industries. The aunav.MEGA has a huge span and reach, designed to deactivate explosives in major infrastructures. It features a hydraulic arm with a lifting capacity of 225 Kg. and a vertical reach of 18 meters. Highly maneuverable thanks to 4 wheel steering.



### AUNAV.VAN

The aunav.VAN vehicle has been designed and developed to facilitate the EOD teams to transport EOD equipment and to work comfortably from the Operator Desk integrated inside. Several drawers, chests and lockers have been installed to store spare parts and special EOD equipment, including EOD suits.



# SAPA OPERACIONES

Carretera N1, s/n. 20140, Andoain  
(Guipúzcoa)  
Telf.: 0034 943751666  
[www.sapaplacencia.com](http://www.sapaplacencia.com)

## SAPA OPERACIONES, S.L.

Land Industry  
Systems & Equipment

Naval Industry  
Systems & Equipment

Aerospace Industry  
Auxiliary Industry & Spares

Armament & Ammunition  
Armament

Tradition, technology and innovation. Related to defense products, SAPA OPERACIONES innovates with a technology that offers high efficiency solutions in anti-aircraft artillery, mobility, power generation and power management. Through the alliance with Rheinmetall Air Defence, provides latest generation anti-aircraft artillery solutions, including Oerlikon ® GDF 007/009 twin guns systems and SAPA PW1000 revolver guns. The company has generated background technology in mechanical and electronic areas to develop a family of transmissions for tracked and wheeled vehicles. SAPA offers products in the fields of control electronics, power electronics, electrical machines and wiring for all-road vehicles, shipbuilding, explosive atmospheres.

Certifications:  
ISO 9001  
PECAL/AQAP 2110

## ANTI AIRCRAFT GUN 35/90MM

Manufacture, overhaul and upgrade of anti-aircraft guns.





## Main Products / Services

### SG850 TRANSMISSION

SG850 automatic and mechanical transmissions, continually variable, high performance and with no torque converter. High efficiency, multi gear transmissions for tracked vehicles. 850HP, installed in IFV Pizarro Phase II. Electronic programmable controller and the mechanical steering are configured as a drive by wire system. Highest torque/power to weight ratio of the powershift transmissions market.



### SW 600 TRANSMISSION

A high efficiency automatic powershift family of transmissions, without torque converter for special purpose vehicles. Power 800HP, to be installed in the future Spanish VCR 8x8.

The step between gears of 16% allows engine optimization, therefore reduces emissions and fuel consumption and improves accelerations.

The transmission is designed under a modular concept, which allows the incorporation of a flywheel generator, two power take off and /or a retarder. Overall efficiency: 92-95%.



### APU 7,5 KW LEOPARDO 2E

SAPA APUs are systems designed to suit the application. APU allows vehicles continue to perform their missions in stationary situations without operating its main engines.

Product range: 5 - 7.5 - 10 - 17 kW a 28 Vdc. Low specific consumption. High power density. Recharge the batteries.



### 150 KW GENERATOR

Two 75kW electric machines coupled by an electromagnetic clutch, together with dual AC / DC converter for each machine that allows them to operate jointly or independent as engine or electrical generators.





Pol. Ind. C/ Los Jaboneros 14. 13640,  
Herencia (Ciudad Real)  
Telf.: 0034 926574720  
[www.tsecurity.es](http://www.tsecurity.es)

## TECNOVE SECURITY, S.L.

Land Industry  
Systems & Equipment

Electronics, Communications & ICT  
Surveillance & Security

Services, Logistic & Auxiliary Industry  
Infrastructures; Auxiliary Industry &  
Machinery

Land Industry  
Sector

TecnoVe Security born in 2000 and specialized in the design, development and production of Mobile Security Special Vehicles. Since its inception, the company has been characterized by developing and manufacturing security vehicles, responding to the specific needs of each of our clients: Police, Army, Security Companies and Banking Sector and others.

This philosophy and way of working, have turned TS into a world reference in the production of armored vehicles transporting money, Bodies and military vehicles, police cars and fire departments, as well as Special Mobile Units and Custom Development. Our Quality Policy is based on a Total Quality System.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

## ARMY PLATFORMS

TS provides solutions for armies in different countries for the transportation of troops and goods, the body shells of these vehicles are designed and manufactured in various sizes and with different characteristics using top-quality steel, advanced painting systems that incorporate antirust treatment and canvas adapted to the climate and needs in question. Mounted on 4x4, 6x6, 6x8 or 8x8, this type of bodywork is designed for the hardest conditions thereby facilitating work in all environments.



## Main Products / Services

### CASH-IN-TRANSIT

The vans to transport funds are the ideal solution for companies, making adapted configurations on any base model chassis. Transformations meet and exceed all the requirements of national and international law, both in terms of armoring and electronic security systems. TS advise clients to achieve the best solution with regard to type of vehicle, cargo, shielding and safety devices.



### VEHICLES FOR STATE SECURITY CORPS

TS is a leader in the sector of transformations for different bodies of state. Crowded vans, vans for Special Forces, anti-riot vehicles, transportation of detainees etc., with a wide range of technical solutions, a customized final design of the product is performed according to the specific needs of customers. Both small lots as large fleets of vehicles delivered, more than meet the demanding deadlines and the highest quality standards.



### PHYSICAL SECURITY

TS offers a wide range of products to safeguard valuables, important documents, electronic archives and any other type of goods that are of interest to companies or individuals. These products are manufactured using different materials, locking and security systems to protect valuables from theft or other undesirable contingencies. This product line is comprised of safes, bank products, fire resistant cabinets, cabinets to store weapons and ammunition, anti-theft cabinets, key cabinets, etc.



### RAILROAD

TS, because of its familiarity with some of the products that traditionally works with and the commitment to broaden horizons and core business of the organization, started a few years ago a section dedicated to work for the railroad. As with other products, such projects require a skilled work with design engineering with ability to launch new concepts or process them and manage a productive level.





Vía Edison, 17. Pol. del Tambre. 15890,  
Santiago de Compostela (A Coruña)  
Telf.: 0034 981580322  
[www.urovesa.com](http://www.urovesa.com)

### URO, VEHÍCULOS ESPECIALES, S.A.

Land Industry  
Vehicles; Maintenance & Life Cycle  
Support

URO, Vehículos Especiales, S.A. (UROVESA) is a company which main activities are design, assembly and marketing of off road special vehicles for military and/or industrial purposes. A wide range of tactical vehicles, from off road trucks to high mobility vehicles, armored vehicles, etc.

The After sales technical assistance of our off road vehicles (Land platform) including its equipment and spare parts are also a main activities of the company.

Our main customers are Spain Ministry of Defense and other armies of up to 22 countries, in Europe, Africa, Middle East, Asia and Latin America.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### TACTICAL HIGH MOBILITY VEHICLE VAMTAC ST5

VAMTAC (Tactical High Mobility Vehicle): Modular and versatile all-terrain vehicle, designed to support the worst working conditions with high capacity load and keeping its high mobility.



### TT URO TRUCKS

TT URO all terrain truck: allows transporting equipment, systems, personnel or any other type of load to the most inaccessible places with entire guarantee and safety.



### LIGHT ALL-TERRAIN VEHICLE VAMTAC 3.5

VAMTAC 3.5 - Light All-Terrain vehicle, with a GVW of up to 3.5 Ton and a payload of up to 1 Ton. Fitted with Full-Time 4WD system, with differential locks in both axles. Available in different body configurations (chassis-cab, pick-up, station wagon) and manual or automatic gearbox.





### ADELTE INGENIERÍA DEL TRANSPORTE, S.L.U.

Pol. Ind. Armentera, Parc. 74.  
22400, Monzón (Huesca)  
Phone: 0034 974404619  
[www.adelte.com](http://www.adelte.com)

Focusing on the design, manufacturing and maintenance of ground transport vehicles for all types of loads for more than 50 years, TRABOSA, Road Transport Division of Adelte Ingeniería del Transporte, is specialist in the manufacturing of heavy trailers for the transport of military tanks and other heavy equipments.

Our engineers design and manufacture reliable, efficient and customized heavy military trailers which incorporate high-strength steel chassis frame, armored electrical system, civilian or cross-country transmission and from 2 to 6 axles. Hydraulic, pneumatic or mechanical spring's suspension systems are available. Load capacity goes from 20 to 100 tons. The full range of TRABOSA vehicles can satisfy the most demanding military requirements for any task and in any conditions.

Certifications:  
ISO 9001  
OHSAS 18001



### AUCAR TRAILER, S.L.

C/ Pintor Pau Roig, 41.  
08330, Premià de Mar (Barcelona)  
Phone: 0034 937524283  
[www.aucartrailer.com](http://www.aucartrailer.com)

AUCAR-TRAILER, S.L. is a Spanish company which designs, develops and produces vehicles for driving schools and logistics.

Our engineering team designs, coordinates and supervises each job from our offices in Barcelona on the basis of the most rigorous quality standards. We have extensive knowledge of the laws governing vehicles, which is why all our products comply strictly with European regulations.

We have the backing of experience gained on the basis of offering the best possible guarantees and unbeatable after-sales service.

Certifications:  
ISO 9001  
PECAL/AQAP 2110



### AUSA CENTER, S.L.U.

Ctra. de Vic, Km. 2,8.  
08243, Manresa (Barcelona)  
Phone: 0034 938747311  
[www.ausa.com](http://www.ausa.com)

AUSA is a family company focused on innovation. AUSA designs, manufactures and markets compact commercial vehicles for construction, municipalities, industry, agriculture and many other sectors. It was founded in 1956 and currently AUSA has subsidiaries in France, Mexico, Brazil and USA; with representative offices in Madrid, UK, Germany, EUA and China. AUSA delivers products to over 80 countries through more than 500 distributors in 5 continents.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110



### CASLI, S.A.

C/ Antonio Machado, 3.  
28035, Madrid (Madrid)  
Phone: 0034 914561760  
[www.casli.es](http://www.casli.es)

Casli, a 100% private Spanish capital company group, founded in 1943, represents renowned firms worldwide. It has more than 150 highly trained employees, 5.000 m<sup>2</sup> of workshops, 2.000 m<sup>2</sup> warehouses, testing bench certified tests, sales engineering, dealers, calibration and training rooms. In the Defence sector, CASLI is an authorized dealer of MTU-DETROIT DIESEL, ALLISON TRANSMISSION and KARCHER FUTURETECH firms, develops maintenance programs and supply propulsion systems, and modernization programs about TOAS, M113, M109 and BMR VEC vehicles. Also distributes campsites equipment, water purification and CBRN defence systems. It develops energy solutions.

Certifications:  
PECAL/AQAP 2120  
ISO 9001





### CAUCHOS PUNTES, S.L.

Ctra. de Valencia, Km 6,100.  
50410, Cuarte de Huerva (Zaragoza)  
Phone: 0034 976463085  
[www.cauchospuntos.com](http://www.cauchospuntos.com)

35 years of experience as suppliers of the armed forces vouch for our professional approach and the quality of our products. Constantly focused on the most demanding of manufacturing requirements within the military sector, PUNTES pursues a specific solution for every need. 5 different processing techniques: extrusion, injection, compression, roller covering, and processes enable us to cover a wide range of sectors and give us great versatility in the elaboration of any rubber product. Following the quality standards of different armies, and offering properties such as high resistance to abrasion, adhesion, anti-tearing and high durability like vulcanized pins, bushings, tank wheels, links, track shoe pads, skirts, etc.

Certifications:  
PECAL/AQAP 2120  
ISO 9001



### COMERCIAL E INDUSTRIAL EUROIBÉRICA, S.A.

C/ La Solana, 5.  
28850, Torrejón de Ardoz (Madrid)  
Phone: 0034 916487600  
[www.euroiberica.com](http://www.euroiberica.com)

CIESA, sales and services company, acting as representative for adviser to manufacturing companies in connection with the sale of their respective products. Main activities:

- Commercialization and management for the sale of national manufacture products as for the industry of defense as civil: Pad, bushing and track shoe assy for MBT's, suspension parts and precision-machined parts, torsion bars, tooth ring and turret baskets, and High Mobility Special Vehicles and spare parts, Off-Road Special Trucks, Forklift Trucks, Dumpers and Public Works Off-Road Machinery.
- Integral maintenance of vehicles in use in the Armed Forces and Security of the State.
- Installation and maintenance of detection systems and fire fighting in armored vehicles.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### COMERCIAL HERNANDO MORENO, S.L.

C/ Puerto de Navacerrada, 88.  
28935, Móstoles (Madrid)  
Phone: 0034 916165220  
[www.cohemo.com](http://www.cohemo.com)

COHEMO, S.L. is a Spanish company specialized in maintenance, repair, upgrade and supply of assemblies and subassemblies for armored vehicle in service in various armed forces in the world (Leopard 2 A4/2E, Pizarro/ASCOD and BMR/VEC) as well as the supply of spare parts for vehicles in production or for those who, due to their long service life, is difficult to maintain their supply lines (Leopard 2 A4/2E, Pizarro/ASCOD, Centauro, BMR/VEC, RG-31, family M-113, M-109, Anibal and firefighting platforms) Supplier of power generators and official distributor of FG-Wilson.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### COMPAÑÍA DE RECTIFICADOS DE CÓRDOBA, S.A.

C/ Fresadores, Parc. 1, Avda. de la Torrecilla, s/n.  
14013, Córdoba (Córdoba)  
Phone: 0034 957297355  
[www.rectificadoscoreco.com](http://www.rectificadoscoreco.com)

The rectifications and rebuilding for explosion engines of industrial vehicles and automobiles. Repairs and supply of military vehicles components.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### DANIMA INGENIERÍA AMBIENTAL, S.A.

Parque Empresarial Principado de Asturias, P-12.  
33417, Avilés (Asturias)  
Phone: 0034 985514450  
[www.danima.es](http://www.danima.es)

DANIMA NCAGE: 8893B, specialized company in project development, engineering and equipment manufacturing.  
Manufacturer of logistic and tactical equipment: VEMPAR, Multipurpose platforms (rescue and recovery), trailers, SMIC (ISO container handling system), tippers, etc. All equipment is NOC catalogued.

Certifications:  
ISO 9001  
PECAL/AQAP 2120  
ISO 14001



### INDITE 2000, S.L.

C/ Puerto de Navacerrada, 88. Pol. Ind. Las Nieves.  
28935, Móstoles (Madrid)  
Phone: 0034 916855033  
[www.indite2000.com](http://www.indite2000.com)

Indite2000 S.L. is a Spanish company specialized in the manufacture, maintenance, repair, upgrade and supply of optical systems for armored and tactical vehicles in service in various armed forces of the world (Leopard 2 A4/2E, Pizarro/ASCOD, RG-31, M-113, BMR/VEC).

Certifications:  
ISO 9001



### MANN+HUMMEL IBÉRICA, S.A.U.

C/ Pertusa 8. Pol. Ind. Plaza.  
50197, Zaragoza (Zaragoza)  
Phone: 0034 976287300  
[www.mann-hummel.com](http://www.mann-hummel.com)

MANN + HUMMEL IBERICA, as company MANN + HUMMEL group has consolidated over its history a strong position in the manufacture of high qualitative value in the field of filtration and the technical plastic components for the automotive and all kinds of engines.

Certifications:  
ISO 14001  
OHSAS 18001  
ISO 16949  
ISO 9001



### RENOVA-MOTOR, S.L.

C/ Marconi, 403.  
45600, Talavera de la Reina (Toledo)  
Phone: 0034 925806602  
[www.renovamotor.es](http://www.renovamotor.es)

Reconstruction, repair and maintenance of industrial, military and armored vehicles, equipment and fire-fighting equipment including airport vehicles and engines, assemblies and subassemblies of such vehicles. Sale of spare parts and components.

Certifications:  
ISO 14001  
OHSAS 18001  
PECAL/AQAP 2120,  
ISO 9001





### STAR DEFENCE LOGISTICS & ENGINEERING, S.L.

Datos de contacto:

Ant. Ctra. de Extremadura, Km 20,800.  
28935, Móstoles (Madrid)  
Phone: 0034 914989196  
[www.sdle.es](http://www.sdle.es)

Wholesale and retail and repair of motor vehicles. Wholesale of other machinery, equipment and supplies. Overhaul and maintenance of equipment and operating life of container:

- Container maintenance various applications.
- Vehicle Maintenance.
- Maintenance products.
- Maintenance of equipment for public works.

Certifications:  
ISO 9001  
PECAL/AQAP 2120



### TALLERES GRUYMA, S.L.

C/ Ballobar, s/n.  
22004, Huesca (Huesca)  
Phone: 0034 974210516  
[www.gruyma.com](http://www.gruyma.com)

- The repair and maintenance of public civil works and lifting machinery.
- The production of machinery and spare parts.
- The sale of public civil work and lifting machinery, special components and spare parts.

Certifications:  
PECAL/AQAP 2120  
ISO 9001



### TIRUÑA, S.L.

Pol. Ind. Ampliación Comarca, 1. C/ 2.  
31160, Orkoien (Navarra)  
Phone: 0034 948355111  
[www.tiruna.com](http://www.tiruna.com)

Talleres Iruña was founded in 1921 by Nicasio Guibert as a vehicle repair Work-shop. The beginning of Cement and Mining business started in 1960, when company specialized in Heavy Engineering Machining. In 2003 Talleres Iruña s.a. took up the industrial name it had been using for years as the trade name for corrugating rolls, and became known as Tiruña S.L. Backed by more than 90 years of experience and under the management of the fourth generation members of Guibert family, Tiruña continues developing and adapting itself to the market needs in order to cover its customers expectations.

Certifications:  
ISO 9001  
PECAL/AQAP 2120



### TRANSMISEVILLA, S.L.

Pol. Ind. La Red Sur. C/ La Red 15, 7.  
41500, Alcalá de Guadaira (Sevilla)  
Phone: 0034 955630486  
[www.transmisevilla.com](http://www.transmisevilla.com)

TRANSMISEVILLA, S. L. is a Seville company founded in 1982, specializing in reparation of gearboxes of industrial and trade vehicles, as well as of their pumps and hydraulic steering. Besides, it offers after sales technical assistance, through reconstruction, interchange, maintenance and selling of original spare parts and full sets. It is official Concessionaire and After Sales Technical Service in Andalusia and Extremadura of the main most important brands in the manufacture of gearboxes for self-propulsion, with which it keeps technological transfer contracts of all its sets through its head offices and representatives in Spain.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### UP LIFTING VERTICAL, S.A.

Pol. Ind. Sepes. Rda. Industria, 151.  
22006, Huesca (Huesca)  
Phone: 0034 974229832  
[www.uplifting.es](http://www.uplifting.es)

UP LIFTING S.A. is a Spanish company specializing in the design and manufacture of heavy lifting machinery. It's a young and modern company founded in 2011 with the participation of personnel with vast experience in the sector.

The development of the company is based on three basic pillars.

- 1º.- Commitment to research, development and innovation.
- 2º.- Use of the most advanced technological resources in the production area, being a pioneering factory at international level.
- 3º.- Machinery tailored according to our client's specific needs and each market.

UP LIFTING produces machinery in both the civil and military sector, having supplied machinery to various armies in the NATO group.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110



### VT PROYECTOS, S.L.

C/ Sierra de Guadarrama, 36 A.  
28830, Madrid (Madrid)  
Phone: 0034 911252412  
[www.vtproyectos.com](http://www.vtproyectos.com)

We have experience in multiple disciplines all related to the maintenance and repair of light and heavy vehicles and other design and prototyping.

Certifications:  
ISO 9001



### ZF FRIEDRICHSHAFEN HOLDING ESPAÑA, S.L.U.

Carrer de San Esteve, 29.  
08173, Sant Cugat del Vallès (Barcelona)  
Phone: 0034 936750954  
[www.zf.com/es](http://www.zf.com/es)

We sale parts, maintenance and repair of ZF products: gearboxes, transmissions, electronic control units, wind turbine gearboxes, as well as products for automotive vehicles of the brads SACHS, Boge and Lemförder. We also sale gearbox for ships.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120







# Naval Industry Sector



C/ Académico Juan Luis Roche, 2, Nave 4.  
11500, El Puerto de Santa María (Cádiz)  
Telf.: 0034 956541894  
[www.abance.es](http://www.abance.es)

### ABANCE INGENIERÍA Y SERVICIOS, S.L.

## Naval Industry Sector

#### Naval Industry

Military Vessels; Submarines; Rescue & Police Vessels; Systems & Equipment; Underwater Systems; Simulation; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

#### Armament & Ammunition

Simulation; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

#### Electronics, Communications & ICT

Radars; Electronic Warfare; C4ISR; ICT

#### Services, Logistic & Auxiliary Industry

Field Logistic; Infrastructures

#### Consulting & Engineering

Consulting & Engineering

ABANCE is a family company founded in 1994, and its main activity is giving support to functional design, detail design and production design of military ships and submarines, as well as integration engineering combat systems and control systems.

ABANCE has a great capacity for adaptability of our engineering to production of each shipyard, providing technical assistance in the manufacturing, assembly and testing phases of the ship, always seeking to optimize delivery, and reducing production cost of the product.

ABANCE participates as a subcontractor of the public shipyards in national programs as well as programs for other foreign navies.

Certifications:  
ISO 9001

# Main Products / Services

## FUNCTIONAL ENGINEERING PROJECT SUPPORT

Functional engineering project support.  
Structural Engineering.  
P&ID Design.  
Electricity drawing wiring diagrams Design.

## DETAIL ENGINEERING AND PRODUCTION ENGINEERING

Detail engineering and production engineering.  
Steel Building strategy.  
Block Manouvering.  
Outfitting strategy.  
Hull Structure.  
Piping.  
HVAC.  
Steel Outfitting.  
Metallic Equipment & Accommodation.  
Electricity.  
Electronic & Instrumentation.  
Integration.  
Technical assistance workshops and onboard ships during manufacturing, assembly and testing phases.  
Software used to develop their projects FORAN, AVEVA MARINE, SMART MARINE, AUTOCAD and MICROSTATION.

## COMBAT SYSTEM ENGINEERING ON THE SHIP

Combat system engineering on the ship.  
Communications, platform management, weapon & combat system (Hw, Sw, infrastructure).  
System and sub-system requirements, IDS.  
Requirements to test matrix.  
WBS programs & engineering plans.  
Software engineering code & test.  
IBM Rational suite management.  
MIL naval system server cabinets detailed design.  
MIL naval electronics & communications design, integration & test.  
Platform management system design, code & test (Hw, Sw).  
System infrastrucur.

## ENGINEERING CONTROL SYSTEM ON THE VESSEL

ABANCE has a strong experience in the development of redundant and failover PLC-based subsystems for Ship control. Automation and Monitoring is provided for Power Plant, Damage Control, Steering & Propulsion, Auxiliaries, Emergency, and other modules. Engineering tasks cover the whole life cycle from Design to Ship Integration & Test, including Network Management, System Calibration, Training, Configuration Management, Acceptance Tests, On Board/ On Call maintenance & upgrade, etc.







Avda. Pío XII, 10-12, Bajo.  
28016, Madrid (Madrid)  
Telf.: 0034 902170929  
[www.aeromarine.es](http://www.aeromarine.es)

## AEROMARINE

Naval Industry  
Systems & Equipment; Simulation;  
Maintenance & Life Cycle Support

Aerospace Industry  
Satellite Services

Electronics, Communications & ICT  
Radars; C4ISR; Systems & Equipment;  
ICT

Services, Logistic & Auxiliary Industry  
Others

The Company operates in the sector of Marine Navigation and Communications Equipment. Additionally, there is a Software and I.T. Division, which provides Value-Added Process-Management solutions, in the Marine and Industrial sectors. C&C Aeromarine offers its own Service Network, supporting both Marine Navigation and Communications systems and I.T, Software, Networks, and Data Communications solutions.

## AIS MAINTENANCE AND SUPPORT SERVICE

Maintenance of all hardware and software structure of more than 35 remote AIS Stations and 3 Control Centers, the servers that store AIS data for all Spain, and the network hardware and software that make possible the data transfer and communication between the different sites.



Certifications:  
ISO 9001



## Main Products / Services

### E-LEARNING

Latest technology elearning platform that contains the courses Aeromarine develops for their customers. Ae-learning is an easy to use platform, composed by short and easy interactive lessons, to allow users to learn and review the content they need in any situation. The system has all required tools to evaluate the knowledge of the trainees and generate the appropriate certificates, if required.



### SERVICE

Fault finding of navigation electronic equipment: Inertial Navigation Systems, Gyrocompasses, Doppler Speed Logs, Electromagnetic Speed Logs, Automatic Identification Systems AIS, Automatic pilots, etc. Exchange of the faulty pc board or components, and operational checks. Repair of boards if feasible. Configuration control of the equipment installed onboard the ship. Life Cycle support. Preventive maintenance. Upgrades and modifications as required.



### INSTALLATION COMMUNICATIONS EQUIPMENT

Ship survey, installation, set to work, and integration with combat systems and other ship equipment. Harbor and sea trials plus life cycle support for navigation radars and configuration control during the life cycle.



### SOFTWARE SIME

SIME: Equipment's Integrated Monitoring System, allows the monitoring of the systems installed in a vessel for analysis, data collection and its manipulation. It is also capable of sending ONLINE data automatically to the central servers placed at the ISEMER, so the information can be distributed to all WAM-PG authorized users.





Puerto de Figueras, s/n.  
33794, Castropol (Asturias)  
Telf.: 0034 985636250  
[www.gondan.com](http://www.gondan.com)

### **ASTILLEROS GONDÁN, S.A.**

Naval Industry  
Military Vessels, Rescue & Police  
Vessels; Other Vessels; Systems &  
Equipment; Maintenance & Life Cycle  
Support

ASTILLEROS GONDÁN can build any type of vessel up to 110 meters length, without any kind of technological limitation.

Flexibility to satisfy every owner's need is the key feature of the shipyard. On this basis, excellence and effectiveness is achieved for both, construction of a particular contract for a specific owner and construction of standard vessels.

Naval Industry  
Sector

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001

## Main Products / Services

### VESSELS

Gondan Shipyard constructs any type of vessel, with maximum technology. Since the adaptation to the individual requirements of every client is personalized and fundamental, each boat is unique and unrepeatable.





## CAMAR INDUSTRIAL, S.A.

### Naval Industry

Systems & Equipment; Underwater Systems; Maintenance & Life Cycle Support

### Aerospace Industry

Satellite Services; Satellite Systems & Equipment

### Electronics, Communications & ICT

C4ISR; Surveillance & Security; Systems & Equipment; ICT

## Naval Industry Sector

Repair and maintenance in the areas of naval communications, propulsion, submarines, optical, mechanical and systems.

## INSTALLATION AND MAINTENANCE OF COMMUNICATIONS SYSTEMS AND NAVIGATION SYSTEMS

One of the specialties of Camar Industrial is communications. Design, manufacture, installation, integration and maintenance of radio communications systems and encryption on surface vessels, submarines and ground stations with capacity to meet any need or requirement civil and / or military. Design, manufacture and installation underwater acoustic equipment.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2110



## Main Products / Services

### DESIGN AND DEVELOPMENT OF ELECTRICAL PANELS

Camar Industrial is a comprehensive enterprise which has the knowledge, infrastructure, qualified technicians and experience to make any design, engineering, manufacturing, installation, repair and maintenance of any electrical system. It has the ability to perform any design and manufacturing of substations and electrical control panels and protection for surface ships, submarines and general industry. It has the necessary tools and techniques to design, install and maintain any fiber optic network.



### INSTALLATION AND MAINTENANCE OF PROPULSION CONTROL SYSTEMS

Camar Industrial is one of the leading companies in propulsion control systems. Thanks to the experience of its technicians it has been able to design, manufacture, install and maintain integrated control systems platform and submarines, control systems, alarms and shutdowns emergency engines, intrusion, flood and fire alarm systems, instrumentation ships and control and mine detection systems (Degaussing).



### MAINTENANCE AND REPAIR OF COMBUSTION ENGINES

Camar Industrial has a large group of mechanics with extensive experience in all types of internal combustion engine, whether car engines, submarines engine, surface ships engines and engines for cogeneration and many others. Camar Industrial performs maintenance and repair of combustion engines with a high degree of satisfaction.



### INSTALLATION AND MAINTENANCE OF ELECTRONIC EQUIPMENT

Thanks to its electronic technicians Camar Industrial enables the design, manufacture, maintenance and repair of any electronic equipment, whether of industrial or military origin.





Avda. Beiramar, 18.  
36208, Vigo (Pontevedra)  
Telf.: 0034 986233000  
[www.freireshipyard.com](http://www.freireshipyard.com)

## CONSTRUCCIONES NAVALES P. FREIRE, S.A.

Naval Industry  
Military Vessels; Rescue & Police  
Vessels; Other Vessels, Maintenance &  
Life Cycle Support

CONSTRUCCIONES NAVALES P. FREIRE, S.A is a company devoted to the shipbuilding of highly technological vessels. The company was founded in 1895 by the Freire family and four generations later they are still the only shareholders of the company.

The construction of steel hull vessels began in the early 60's, and since then Freire has built over 250 vessels in steel for more than 20 countries.

The shipyard is currently devoted to the construction, repairs and conversion of all kind of steel vessels measuring up to 155 m length.

Since year 2000s, the yard has become internationally well known as builders of highly technological vessels such as oceanographic, investigation and offshore vessels.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001

## Main Products / Services

### VESSELS

The shipyard is currently devoted to the construction of sophisticated and customized highly technological commercial and military vessels. Within this range Freire can build all kind of steel vessels measuring up to 155 m length, such as hydrographic and research vessels, patrol vessels, tall sail vessels as well as supply vessels for the offshore industry among others.







## DESARROLLO TÉCNICAS INDUSTRIALES DE GALICIA, S.A.

Naval Industry  
Systems & Equipment; Maintenance &  
Life Cycle Support; Auxiliary Industry &  
Spares

Services, Logistic & Auxiliary Industry  
Auxiliary Industry & Machinery; Others

## Naval Industry Sector

Ctra. Castro-Meiras Tuimil-Sequeiro.  
15550 Valdoviño (A Coruña)  
Telf.: 0034 981494000  
[www.detegasa.com](http://www.detegasa.com)

DETEGASA has its origin in a group of companies founded in 1965. The company started its own activity in 1985 and is at present located in Valdoviño (A Coruña), Spain.

The company is dedicated to the design, manufacture and commercialization of mechanical equipment of all kinds with a special focus on environmental care within the naval sector.

As a result of its vast experience within this field the company also carries out maintenance tasks for this type of equipment.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECA/ AQAP 2110

### MARINE INCINERATORS

The Incinerators are upgraded to the latest technology, meeting the strictest requirements, in compliance with IMO MEPC 76(40) and amendments IMO MEPC 93(45), IMO MEPC 244(66), for burning sludge and burnable solid waste. All these features ensure that the needs of burnable waste treatment on board are fully covered.



## Main Products / Services

### SEWAGE TREATMENT PLANTS

The experience developed over the years makes Detegasa capable of providing specific solutions adapted to the special needs of each project. In these terms, the company manufactures different wastewater treatment plants, based on several technologies, such as conventional biological activated sludge processes, compact membrane bioreactors (MBR), and physical-chemical processes for projects with special requirements.



### OILY WATER SEPARATORS

Detegasa's Oily Water Separators (OWSAN series) have been designed to assure an excellent performance under the strictest conditions. Furthermore, spare parts replacement and maintenance needs are minimum. Renowned clients like DSME, Hyundai HI, Samsung and Total Offshore have experienced the engineering capabilities of Detegasa for special offshore projects, with different hazardous zone requirements and specific logistic needs.



### WASTE TREATMENT SYSTEM

The Organic Solid Waste Treatment System is a part of a Global System for Waste Management. Specifically, this system is used to treat and collect food waste, so treats the food and in general all organic waste generated in the kitchen of the ship.



### CONTROL AND SAFETY SYSTEMS

The Foam stations are able to produce an injection of foam solution in sea water for the fire prevention system, providing coverage to local fire-prone according to MIL-F-24385C. Foam stations can be supplied with fixed and variable proportioner or just with variable proportioner depending on the customer needs. The system produces a solution consisting of 6% AFFF foam and 94% of seawater concentration (the system can be adapted to other specifications).





## FLUIDMECANICA SUR, S.L.

**Land Industry**  
Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

**Naval Industry**  
Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

**Aerospace Industry**  
Aerial Systems & Equipment

**Armament & Ammunition**  
Armament; Missiles; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

**Electronics, Communications & ICT**  
Radars; C4ISR; Surveillance & Security; Maintenance & Life Cycle Support

**Services, Logistic & Auxiliary Industry**  
Field Logistic; Auxiliary Industry & Machinery; Consumer Goods

## Naval Industry Sector

Avda. del Mueble, s/n.  
11130 Chiclana de la Frontera (Cádiz)  
Telf.: 0034 956536592  
[www.fluidmecanicasur.es](http://www.fluidmecanicasur.es)

FLUIDMECANICA SUR is currently working in the main sectors of the national industry in centers such as:

- Shipyards.
- Defense.
- Factories and assembly lines.

FLUIDMECANICA SUR activity covers the following areas:

- Design.
- Hydraulics.
- Pneumatic and automatism.
- Naval machinery.
- Fishing machinery.
- Weapons and combat systems repairs and maintenance.
- Manufacture, installation and maintenance of desalination equipment by osmosis.
- Assembly in naval and industrial facilities "turnkey".
- Maintenance, repair and overhaul of light, heavy and special vehicles.
- Ships systems precommissioning and commissioning.
- Supply of hydraulic and pneumatic components and accessories.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2110

## MAINTENANCE AND OVERHAUL MK- 38 GUN

Life cycle support and assembly in the navy for the mechanical portion of MK- 38. Fluidmecnica has experience in assembly, test and system maintenance. There are two main elements of life cycle support for the MK 38.

- Mechanical Support
- Toplite EOS

Fluidmecnica Sur with BAE can offer a viable partnership for the Mechanical Support of the MK 38 Mod 2.

Fluidmecnica has installed these systems aboard the patrol vessels (B.A.M.) and frigate F- 100 of the Spanish Navy.



## Main Products / Services

### MAINTENANCE AND OVERHAUL AAV VEHICLES

Scheduled and preventive maintenance AAV7A1 vehicles. Actions of programmed maintenance:

- Drive Train System.
- Fuel System.
- Cooling System.
- Admission System.
- Electric System.
- Crawler Assembly and Suspension.
- Drive Line.
- Hydraulic System.
- Water Propulsion.
- MOWAG 40/50 Turret.



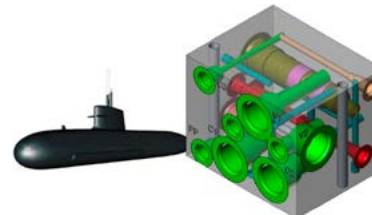
### SCHEDULED MAINTENANCE OF MARINE CORPS HUMMER VEHICLES

Scheduled maintenance of Marine Corps HUMMER vehicles. The work carried out on HUMMER vehicles are subject to a review scheduled, and each vehicle undergoes a series of guidelines for inspection, repair, and replacement of the different elements that compose the vehicle. Fluidmecánica Sur SL has done the complete reconstruction of the vehicle from chassis either the complete overhaul of the engine of the vehicle and subsequent tests on Bank.



### SUBMARINE S-80/ HYDRAULIC CONTROL UNIT BLOCKS SYSTEM OF THE BOW, STERN AND RUDDER

SUBMARINE S-80 / hydraulic Control units blocks of the hydraulic system of the bow, Stern and rudder of the submarine S-80. Fluidmecánica works in partnership with Avio Propulsione Aerospaziale in this project for the design, development, manufacture and installation.



### MAINTENANCE AND OVERHAUL OF THE RAST SYSTEMS

Technical support, materials and training of our personnel for the maintenance of the Rast systems of the F-100 class frigates "Álvaro de Bazán" and FFG class frigates "Santa María".





## METALMECÁNICAS HERJIMAR, S.L.

### Naval Industry

Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

Services, Logistic & Auxiliary Industry Infrastructures; Auxiliary Industry & Machinery; Services

## Naval Industry Sector

METALMECÁNICAS HERJIMAR, S.L. was born from a family business that has been developing for over forty years, activities of construction, repairing, installation and maintenance for industrial and transportation sectors -naval, road and rail - constituting a metal engineering services company.

METALMECÁNICAS HERJIMAR, S.L. is a company that has based its strategy on enhancing the R+D+i, the quality and customer service, which has allowed to meet any demand in the field of support services to industry and construction, both nationally and internationally, being one reference in its sector concerning the flexibility and customer services levels, under the most appropriate formula at the time.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001

C/ Manganese, 78-86. Pol. Ind. Los Camachos.  
30369, Cartagena (Murcia)  
Telf.: 0034 968147528  
[www.herjimar.com](http://www.herjimar.com)

## SUBMARINES AND DOCKS

Navantia auxiliary company in the construction and installation of 80 series submarines for the Spanish Navy.

Auxiliary company of shipyards DCN (France) and Navantia in the construction of Scorpene Submarines for Chilean and Malaysian Navy.

Navantia auxiliary company in the construction of minesweeper SEGURA Type for the Spanish Armada. Construction of modules for expansion of floating dock Navantia.





## Main Products / Services

### HOPPERS

Design and construction of ecological dustproof and mobile hoppers for various ports in Spain. Construction of general machinery to commercial ports, such as crane spoons, conveyors belts and equipments for port services.



### LIGHTHOUSES

Construction of lighthouses buoys and lighthouse beacons.



### BOILER AND SPECIAL JOBS

- Auxiliary company of several construction companies in the new expansion of the Cartagena Refinery.
- Auxiliary company in the construction of solar and cogeneration plants in Spain.
- Construction of formworks and prefabricated metal arches.
- Boilers (Reservoirs, pressure vessels, tanks, silos, piping, steel structures).
- All kind of construction and machining, such as shafts, flanges, bearings, gears, etc.



### REPAIRING AND NAVAL AND INDUSTRIAL MAINTENANCE

Removal, review and overhaul of equipment and pneumatic and hydraulic systems, motors, fluid pumps, compressors, fans, turbines, pumping facilities in general. Repair and commissioning of conveyor belts, shovels, gantry cranes, port crane spoons, hoppers, storage tanks. Inspection and maintenance of central crude distillation units, power plants, gas storage plants. Ancillary services in large assemblies (highways, port construction and dredging). Assembly and maintenance of silos.





C/ Velázquez, 132.  
28006, Madrid (Madrid)  
Telf.: 0034 913358400  
[www.navantia.es](http://www.navantia.es)

## NAVANTIA, S.A.

Naval Industry  
Military Vessels; Submarines; Other  
Vessels; Systems & Equipment;  
Maintenance & Life Cycle Support

Armament & Ammunition  
Armament; Ammunition

Electronics, Communications & ICT  
Radars; C4ISR; Surveillance & Security

The Spanish shipbuilder Navantia, 100% owned by SEPI the Spanish Government Industrial Holding, is a world reference in the design, construction and integration of state-of-the-art war ships, as well as ship repairs & modernizations. It is also engaged in the design and manufacture of Integrated Platform Management Systems, Fire Control Systems, Command and Control systems, Propulsion Plants and through life support for all its products.

Certifications:  
ISO 3834  
ISO 9001  
PECAL/AQAP 2110  
UNE EN 9100  
PECAL/AQAP 2210

## NAVAL CONSTRUCTION

Navantia is a worldwide naval construction industry leader and a company that offers global solutions to adapt to its client requirements.

Aircraft Carriers, Frigates, Amphibious vessels, Auxiliary Vessels, Oceanographic vessels, OPV's, LCM, Mine Hunters.





## Main Products / Services

### NAVAL PROPULSION

Navantia's Motor Factory supplies propulsion motors for all types of vessels: frigates, corvettes, patrol ships, mine hunters, logistics support vessels, amphibian transport vessels, submarines, ferries, container carriers, ro / ro, tugboats, etc.



### SYSTEMS SOLUTIONS

Systems is an excellence center within Navantia devoted to the integration of complex high-tech systems.

This Production Unit has a broad experience in the definition, development, production and integration of combat systems intended for their installation in any type of vessel: patrol ships, frigates, submarines, aircraft carriers, etc.



### FIRE CONTROL SYSTEM: THE DORNA FAMILY

DORNA is an evolved concept of a Fire Control System oriented towards client needs which accordingly adapts its interfaces to the vessel's Combat System, Navigation System, Weapons, or on-board video distribution system. It boasts anti-air warfare, surface, and coastal capabilities, besides surveillance, training and maintenance features, as well as other secondary features such as navigation support, warning rounds, etc.



### TURBINES

Navantia's Turbine factory offers all types of products and services to its clients, from manufacturing and supplier of components, to turnkey plant projects and through feasibility studies, designs, supply of equipment, assembly and commissioning, as well as post-sale services covering everything from specific repairs and/or maintenance to long-term agreements so as to guarantee the optimal running order of the equipment of facilities.





Avda. da Ponte, 16.  
15142, Arteixo (A Coruña)  
Telf.: 0034 981601400  
[www.pecofacet.com](http://www.pecofacet.com)

## PECOFACET IBÉRICA, S.A.

Naval Industry  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Services

Naval Industry  
Sector

Integrated into CLARCOR Inc. group, PECOFacet is the world leading company in design, manufacturing and marketing of advanced filtration and separation products and services.

Our wide range of products is present in the main companies of the power generation, petrochemical, environmental pollution prevention and general industry markets, being undisputed leaders in the aviation and marine sectors.

The commitment to manufacture products with the highest quality is our best guarantee; the proof of this is the fact that we have been the first manufacturer of filters to receive the ISO 9001:2008 and AQAP 2110 quality approvals. Today, we are the company that owns more commercial and military technical approvals in the world.

Certifications:  
ISO 9001  
PECAL/AQAP 2110

## OIL CONDITIONERS

PECOFacet lube oil conditioners have been designed as a compact unit that ensures compliance with the specifications of engine and turbine manufacturers regarding the content in water and solids.

Developed for its installation in reduced spaces, these units are composed of a pumping unit, a control panel and a PECOFacet separator microfilter, with multiple possibilities of customization.



## Main Products / Services

### FILTER CARTRIDGES

Over 75 years of research and development have enabled PECOFacet to create a wide range of filter cartridges for the marine industry. This range includes coalescing, separating, fuel monitor, clay, activated carbon cartridges, etc., which guarantee an exceptional filtration in all types of units installed onshore and onboard.



### FRESH WATER GENERATORS

Great performance in a small space: with a fresh water production capacity going from 1.5 to 30 m<sup>3</sup> per day, the range of PECOFacet fresh water generators covers all the needs onboard. These units have a high capacity to be adapted to all types of ships, thanks to their compact design specifically developed for the marine market.



### ELECTRONIC DEVICES

JETGARD, PECOFacet's fuel quality management system, carries out a continuous monitoring of the water and solids content, while also measures the differential pressure in the separator or monitor filter, during fueling operations. At the same time, it automatically transfers and places the data resulting from the sampling at the disposal of the Associated Company and presents the data graphically.



### FILTERS

PECOFacet Marine filters combine an innovative design and the most advanced filtration technology in the market.

The high quality of our products is attested by IMO (International Maritime Organization) and by the main world registering entities such as the US Coastguard and Lloyd's. Basket strainers, microfilters, oily water separators and monitor filters form this PECOFacet range of products developed for the marine market.





Pol. Ind. de la Borna.  
36955 Meira - Moaña (Pontevedra)  
Telf.: 0034 986811804  
[www.rodman.es](http://www.rodman.es)

### RODMAN POLYSHIPS, S.A.U.

Naval Industry  
Military Vessels; Rescue & Police  
Vessels; Other Vessels

The Rodman Group is the oldest company in Spain in its sector. Its experience with the delivery of over 15,000 vessels places it as one of the leaders in the European shipbuilding industry. Its strong position in the market relies on the highest standards of quality, safety and optimal sailing performance, as well as a diversified and versatile range of products. The three divisions of the company: steel boats, special crafts and leisure boats, position the company as one of the shipyards which offers the greatest range of products worldwide: GRP fishing boats, leisure crafts, high speed patrol boats, rescue boats, etc. Currently the fast patrol range, from 8 to 35 meters length, has a very well-known all over the seas.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

### PATROL RODMAN 101

No doubt, the Rodman 101 is one of the most reputable patrol boats built in our Shipyard thanks to her dimensions, versatility and excellent performance.



## Main Products / Services

### PATROL RODMAN 78

One of the latest models developed and built by Rodman, this craft has been designed as a high speed intervention boat, of about 24 m in length, reaching a maximum speed of 50 knots depending on the propulsion package installed.



### HIGHT SPEED PATROL RODMAN 55

This model is one of the most reputable and more demanded to our Shipyard. Her unique design makes this high speed patrol boat to offer the best performance and maneuverability available nowadays, reaching maximum speeds up to 67 knots.



### OTHER SHIPS

Catamaran of 23.76 m in length and 9 m in breadth, she has been designed and built to perform research and oceanographic tasks in coastal waters.



### SPORT BOAT

Elegance in its purest form: the Rodman Muse 74, banner vessel of the Muse range. Destined to become a reference in the market, the Rodman Muse 74 offers the best of what the Muse range has to offer in terms of style and sophistication combined with robustness, vibrancy and sailing performance.







## S.A. DE ELECTRÓNICA SUBMARINA

Naval Industry  
Underwater Systems; Simulation;  
Auxiliary Industry & Spares

Armament & Ammunition  
Ammunition

Electronics, Communications & ICT  
Surveillance & Security

Naval Industry  
Sector

SAES, specialized in underwater acoustics and electronics, provides advanced equipment and systems for undersea security and defence. With over 25 years' experience in the naval industry, SAES offers high technology and custom solutions in the military and civilian markets: Sonar and Onboard Systems, ASW systems for air or naval platforms, Underwater Signatures Measurement & Control. Acoustic, magnetic, electric, seismic & pressure influences. Multi-influence Naval Mines. Acoustic Classification & Intelligence Systems. Protection & Maritime Surveillance, Simulation & Training Systems. Engineering Services, Technical Support & Maintenance. Cost effective, reliable, modular and open architecture defines our systems in-service around the world.

Certifications:  
PECAL/AQAP 2210  
ISO 9001  
PECAL/AQAP 2110  
UNE EN 9100

Ctra. de la Algameca, s/n.  
30205 Cartagena (Murcia)  
Telf.: 0034 968508214  
[www.electronica-submarina.com](http://www.electronica-submarina.com)

## MINEA. MULTI-INFLUENCE NAVAL MINES

MINEA, the most advanced multi-influence naval mines nowadays, comprise several types of mines (moored, shallow water and cylindrical bottom) both in combat and exercise versions.

The MINEA Naval Mines are equipped with sensors for the detection and processing of the magnetic, electric, pressure and acoustic signatures. MINEA Exercise version is available to be used for MCM training and to gather intelligence information through the measuring and recording of ship signatures.



## Main Products / Services

### SPAS. SONOBUOY PROCESSING ACOUSTIC SYSTEM

The Sonobuoy Processing Acoustic System (SPAS) is capable of concurrently processing up to 64 sonobuoys of any type (passive and active in digital and analog implementation).

The system SPAS detects, localizes and tracks submarines and surface ships, based on analysis of acoustic signals acquired by deployed sonobuoys, and is available for any ASW platforms (Ship, Aircraft and Helicopter). SPAS provides a Multi-static Coherent Plot and can be integrated with any Tactical Mission System.



### DDS-03 DIVER DETECTION SONAR

DDS is a high frequency active sonar specifically designed to protect harbors, anchored vessels and critical infrastructures against underwater threats as divers and underwater vehicles. DDS has been verified and validated successfully in a wide variety of operational environments: deployment from harbor piers and from anchored vessels, presence of open and closed circuit divers, presence of swimmers, exposure to the tidal effect, etc. DDS can be integrated with any surveillance system.



### MIRS. MULTI-INFLUENCE RANGE SYSTEM

The Multi-influence Range System (MIRS) for surface ships and submarines provides the simultaneous measurement of magnetic, electric, pressure, acoustic, and seismic influences in a real and controlled scenario, to successfully counter threats. MIRS is also a tool for testing and calibration of degaussing systems, ASG and MCM systems as minesweeping. MIRS can be installed as a fixed station or, thanks to its portability, also can be easily deployed from a RHIB in the desired location.



### ONMS. OWN NOISE MONITORING SYSTEM

ONMS measures vibration and noise of the platform, using accelerometers and hydrophones, strategically distributed, to monitor noise sources.

The system is adaptable to any type of Submarines or Surface Ships (CRV version) and provides automatic alarms when noise or vibration levels exceed a set threshold, providing also data and signal to cancel the own noise in sonars.

ONMS and CRV are in service onboard submarines and minehunters.





## ABENGOA

### ABENGOA HIDRÓGENO, S.A.

C/ Energía Solar, 1, Edif. B, Planta Baja,  
Campus Palmas Altas.  
41014, Sevilla (Sevilla)  
Phone: 0034 945978824

Abengoa (MCE: ABGB.B / P SM / NASDAQ: ABGB) applies innovative technology solutions for sustainable development in the energy and environment sectors, generating electricity from renewable resources, transforming biomass into biofuels and producing drinking water from seawater.

Abengoa Hidrógeno is a global player in hydrogen and fuel cell technologies. It possesses proprietary technology and products in both hydrogen production and energy production.

Hydrogen is a fuel gas; it can burn, in the presence of oxygen, resulting in thermal energy, with water as the only waste product. It is, therefore, a clean fuel that does not emit CO<sub>2</sub> when used.

Certifications:  
ISO 14001  
ISO 166002  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2110



### APOYO LOGÍSTICO INTEGRADO, S.L.

C/ Doctor Castelo, 10, 6 ºC.  
28009, Madrid (Madrid)  
Phone: 0034 914319261  
www.alisl.com

Apoyo Logístico Integrado is a Company founded in 1998 by naval and computer engineers with wide experience in the logistics support to the Navy and the Merchant Navy.

Certifications:  
ISO 9001



### ARMANDO CALERO E HIJOS, S.L.

C/ Berlín, Parc. H 4. Pol. Ind. Cabezo  
Beaza.  
30353, Cartagena (Murcia)  
Phone: 0034 968506478  
www.acalero.es

Industrial and naval blasting. Specialists paintings. Floor coverings. Passive fire protection.

Certifications:  
ISO 9001  
OHSAS 18001  
ISO 14001



### ASTILLEROS CANARIOS, S.A.

Avda. Petrolíferas, s/n.  
35008, Las Palmas de Gran Canaria (Las Palmas de Gran Canaria)  
Phone: 0034 928479888  
www.astican.es

The Company's objects are:

1. The repair and maintenance of vessels and floating equipment of all kinds, their propellant devices and ancillary machinery.
2. The scrapping of vessels, including the handling, sorting, export and sale of the products obtained, together with the adequate management of the waste arising from this activity.
3. The manufacture and repair of metallic constructions in general and all kinds of mechanical items.
4. The sale and purchase, construction, development, operation, repair, maintenance, administration and lease of all manner of real estate.

Certifications:  
ISO 9001  
PECAL/AQAP 2120  
OHSAS 18001



### CARPINTERÍA NUESTRA SEÑORA DE LOURDES, S.L.

Pol. Río San Pedro. C/ Venezuela, 26.  
11519, Puerto Real (Cádiz)  
Phone: 0034 956478264  
www.nslourdes.es

N.S. LOURDES, S.L. makes interior works on all kind of vessels, manufacture of furniture, carpentry, installation, refits, repairs, maintenance supplies for vessels, etc. Accommodation "tur key" projects and insulation works.

Certifications:  
OHSAS 18001  
ISO 9001  
ISO 14001



### CT INGENIEROS DE GALICIA NAVALES A.A.I., S.L.

Edif. Zona Franca, Área Portuaria de Bouzas, s/n.  
36208, Vigo (Pontevedra)  
Phone: 0034 986201067  
www.ctingenieros.es

CT INGENIEROS DE GALICIA NAVALES A.A.I. is a first class high-experienced company, with two decades developing projects in the shipping industry. An industry that faces significant challenges as globalization process is an unstoppable trend. That is why we focus our expertise and our innovative potential to three key areas pillars: the operational efficiency, through the performance of ships; the improvement of manufacturing processes; and the security strengthening of maritime transport. Therefore, we provide value to our customers with the practical use of new floating infrastructures, the development of vessels with no environmental impact, innovation in safety technology and research in new non-ferrous materials.



### DISEÑO NAVAL E INDUSTRIAL, S.L.

Pol. Ind. de la Gándara, Parc. 127.  
15570, Narón (A Coruña)  
Phone: 0034 981333103  
www.dinain.com

Diseño Naval e Industrial, S.L. (DINAIN) is an international engineering company focused on the marine area which develops projects from their inception (conceptual design, structural static and dynamic calculations, basic engineering) to their complete development in every field (structure, outfitting, electricity, mechanical completion, commissioning, trial books,...) of all kind of vessels and Offshore units.

Certifications:  
ISO 166002  
ISO 27001  
ISO 9001  
OHSAS 18001



### ELECTROCANTERAS, S.L.

C/ Fósforo, Parc. 105.  
30369, Cartagena (Murcia)  
Phone: 0034 968553233  
www.electrocanteras.com

Consolidated into electrical installations of low and high voltage, electronics, fire, air conditioning and hot water, telephone, intrusion systems, installations of all kinds in warships and construction company.

Certifications:  
ISO 9001  
ISO 14001  
OHSAS 18001



### FEJIMA, S.A.

C/ Ignacio Aznar, 48 - La Palma.  
30593, Cartagena (Murcia)  
Phone: 0034 968554014  
www.fejima.com

FEJIMA was established in 1949 in Cartagena, Spain. Since then the company has followed a continuous path of expansion in the Spanish market, having today branches at Cadiz and Alicante. The lines of FEJIMA are the following:  
- Repair and maintenance of Electrical Rotating Machines (High and Low Voltage).

- Repair and maintenance of Static Electrical Machines.
- Maintenance, installation and repair of electrical equipment high, media and low voltage for the global industry, ports and vessels
- Comprehensive maintenance of electric power equipment.

The head office is located at Cartagena, where the workshop covers more than 9000 square meters. It is equipped with "State of the Art" resources for undertaking the jobs with full guarantee.

Certifications:  
ISO 14001,  
ISO 9001



### FELIPE DEL ROSARIO HERNÁNDEZ, S.L.

C/ Pinillos Izquierdo, s/n.  
35008, Las Palmas de Gran Canaria  
(Las Palmas de Gran Canaria)  
Phone: 0034 928462683  
www.feroher.com

Naval and industrial mechanical; alignment works; industrial lines and industrial assembly, steel and pipe for the naval and industrial sectors; maintenance of hydraulic and pneumatic equipment; maintenance of deck equipment; steel furniture and lined works; and mechanized works.

Certifications:  
OHSAS 18001  
ISO 9001  
ISO 14001



### FOROVE, S.L.

Avda. Gonzalo Navarro, 60.  
15573, Narón (A Coruña)  
Phone: 0034 981328300  
www.forove.es

SUPPLIES and WORKS mainly oriented to the armed forces, Shipyards and auxiliary companies for the construction and maintenance of ships for the Navy and the merchant Marine.  
PATENT AND MANUFACTURING of over twenty products (Portable water bomb for firefighting and bilge, Respiratory equipment for Escape, bilge ejectors).

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECA /AQAP 2120



### GABRIEL BALLESTER, S.L.

C/ Londres, 74. Pol. Ind. Cabezo Beaza.  
30353, Cartagena (Murcia)  
Phone: 0034 968527569  
www.gbsolotec.es

SOLUTEC, Gabriel Ballester S.L., is born in the shipbuilding sector in the year 1979 with the enthusiasm and long experience its founder Mr. Gabriel Ballester López, giving professional start a task that continues to this day, growing gradually in other sectors such as maintenance Industrial, mechanical Assembly, manufacture of boilers, Transformation of ISO maritime containers and turnkey works, but keeping the infrastructure dedicated to the sector Naval. SOLUTEC has been adapting to the demand of the market, expanding facilities, machinery and staff to the sectors that has incorporated. With some facilities in the industrial zone of Cartagena, in the Industrial site Cabezo Beaza, SOLUTEC.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### GADITANA DE CHORRO Y LIMPIEZA, S.L.

Pol. Ind. Tres Caminos, Parc. 1, 2, 3 Y 4.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956888193  
[www.gaditana.com](http://www.gaditana.com)

Surface preparation, application of anticorrosive treatments and finishing of tank coating, dry dock painting, new buildings, scaffolding installations (only for shipbuilding on repairing purposes), cleaning of ships, naval boiler, metallization and passive fire protection.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### GAUZÓN IBÉRICA, S.L.

Rúa Alonso López, 100, Bajo.  
15401, Ferrol (A Coruña)  
Phone: 0034 981356813  
[www.gauzoniberica.com](http://www.gauzoniberica.com)

Gauzón Ibérica is a company with its headquarters offices in Ferrol since 1992. With more than 20 years of experience in manufacturing, marketing and the commercial representation of products for the military and civilian shipbuilding industry, as well as in attending requirements of spare parts, supplies, maintenance of equipments and logistics management, for the Spanish Navy, Maritime Service of the Guardia Civil, Merchant and Fishing Shipping and other companies not related to the shipbuilding industry.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### GRUPO INTAF

Ctra. Cedeira Km 1,5.  
15570, Narón (A Coruña)  
Phone: 0034 981397281  
[www.intaf.com](http://www.intaf.com)

INTAF GROUP is currently comprised of the companies Neodyn, Intaf Promecan, Evolventia, Sincro Mecánica and Tecman. We provide specialized services and products in industrial sector as engineering, industrial design, manufacture of capital goods and gears, steel work, machining, mechanical assembly, industrial maintenance, O&M, technical consulting. We have a long experience in the naval industry, civil and military in manufacturing, assembly and maintenance. Also we offer services in other sectors as energy, ports, quarries or wood.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### IKM TESTING SPAIN, S.L.

Pol. Ind. El Trocadero.  
C/ Holanda, Nave 23.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956474741  
<http://www.ikm.com/>

We perform pre-commissioning and mechanical termination activities. We also carry supplies, repairs, modifications and maintenance of naval and industrial services, machinery and pipeline systems. We also take care of technical and engineering support related to the above mentioned activities.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2120



### INDUSTRIAL CARTHAGO BUQUES, S.L.

C/ Huerto, 1 - Roche.  
30369, La Unión (Murcia)  
Phone: 0034 968548557

INDUSTRIAL CARTHAGO BUQUES S.L. is a young company but with staff with extensive professional experience of the team that integrates our organization given the large number and diversity of works done by them.

The services are aimed primarily at companies in the naval sector, industrial, construction companies and private customers.

The scope of our business is national in nature and may cover any project that we offer, because we have qualified personnel and resources for its implementation.

The main activities developed are:

- Installation of machinery for metallurgy.
- Overhaul of ships or boats.
- Ship repair.
- Repair and maintenance of ships.
- Repair and maintenance of equipment.
- Ancillary building services.

Certifications:  
ISO 14001  
ISO 9001



### INDUSTRIAL DE ACABADOS, S.A.

C/ Cabrales, 12 - Entlo.  
33201, Gijón (Asturias)  
Phone: 0034 985355478  
[www.indasa.com](http://www.indasa.com)

INDASA is a highly specialized company in treatment of metallic surfaces and coating since 1968.

We have team of highly qualified professionals, and the necessary suitable and appropriate technical equipment and infrastructure to offer an immediate answer to any request by providing innovative, fast and effective solutions.

We developed our work in the naval and industrial sector. We are a registry provider of Spanish Defense Ministry and a regular collaborator of the US NAVY. INDASA has the following offices in Spain: Gijón, Ferrol, Bilbao y Cádiz and a regular international presence highlighting our work in Holland, France, Brazil, etc.

Certifications:  
OHSAS 18001  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### INDUSTRIAS HIDRÁULICAS ROSPA, S.L.U.

Pol. Ind. Río San Pedro, Sector 1A, Parc.  
2.8.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956478667  
[www.ihrospa.com](http://www.ihrospa.com)

Manufacture, installation, maintenance and repair of naval and industrial mechanical, hydraulic and pneumatic machines and equipment.

Certifications:  
ISO 14001  
OHSAS 18001  
ISO 9001  
PECAL/AQAP 2120



### METALUR TRES CAMINOS, S.L.

Pol. Ind. Tres Caminos. C/ Choco, 17 y 18.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956888163  
[www.metalur.com](http://www.metalur.com)

Manufacturing, assembly and repairing of naval and industrial metallic products. Commercialization, assembly and maintenance or fire-fighting systems in the naval and industrial areas, recharge, test hydraulic and maintenance of fire-extinguishers.

Certifications:  
PECAL/AQAP 2120  
ISO 14001  
ISO 9001



### MEYCAGESAL, S.L.U.

Pol. Ind. El Trocadero. C/ Francia, Parc.  
C6 C15.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956830786  
www.meycagesal.com

Accredited industrial experience, which is developed since 1987, giving global solutions and endorsing the needs and requests of the productive activity in several sectors: cement, energy, metal, mechanical, petrochemical and steel.

Certifications:  
ISO 14001  
OHSAS 18001  
ISO 9001  
ISO 3834



### MOTORAZA, S.L.

Pol. Ind. Urbisur. C/ Severo Ochoa, 35.  
11130, Chiclana de la Frontera (Cádiz)  
Phone: 0034 956536472

Company founded in 1995, with an extensive experience in the naval repairs, and jobs done in the most important Spanish naval companies, such as Navantia or Acciona. We carry out ship repairs, especially motors, compressors, pumps, pipes, and other hydraulic and pneumatic components.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### NORINVER MONTAJES E INGENIERÍA, S.L.

Pol. Ind. Vilar do Loco. R/ Xestal, 11.  
15621, Cabanas (A Coruña)  
Phone: 0034 981381504  
www.norinver.com

Norinver Montajes e Ingeniería, S.L. provides value to our customers developing advanced services in design, installation, assembly, maintenance and repair of electrical and electronic systems. We specialize in projects for industries that require high reliability and quality in the operation of their systems:

- Electrical projects, installations and engineering design for military and civil vessels and industry
- Design, construction and equipped of consoles, automation systems, distribution panels and starters.
- Complete maintenance of naval and industrial installations.
- Complete assembly of photovoltaic parks.
- Electrical installations in thermosolar plants.

Certifications:  
ISO 9001



### PENAME, S.L.

Lg. de Pename, 15.  
15510, Neda (A Coruña)  
Phone: 0034 981347455

Company specializing in the development of technical publications, especially in developing the "EOSS" (Engine Operation System).  
Company supplying industrial equipment intended for shipbuilding industry, both military and civilian.

Certifications:  
ISO 9001





### PINTURAS ANSAPE, S.L.

Avda. Bruselas, 147, A-6.  
30353, Cartagena (Murcia)  
Phone: 0034 968085005  
www.ansape.com

PINTURAS ANSAPE, S.L. It is an enterprise application decorative, industrial and naval painting has a professional team of currently 10 operators of which 8 are approved in NORSOK M-501 "Qualification Course Paint Applicators" and 1 Superior Technician Prevention of occupational hazards. The services offered PAINTINGS ANSAPE, S.L. are based on quality, respect and care for the environment and prevention of occupational risks in their services, responding to the growing demands that customers request, under these assumptions apply the most appropriate solutions for each circumstance.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### PINTURAS HEMPEL, S.A.U.

Ctra. de Sentmenat, 108.  
08213, Polinyà (Barcelona)  
Phone: 0034 937132898  
www.hempel.es

Hempel is a world-leading coatings supplier for the decorative, protective, marine, container and yacht markets. From windmills and bridges to hospitals, ships and homes, our coatings protect man-made structures from the corrosive forces of nature. They help prolong a structure's service life, reduce maintenance costs and, we like to think, make it more attractive. Wherever we work, we always focus on innovative solutions and advanced production techniques. But our working method remains simple: we are curious, creative and self-critical, and always strive to create extra value for our customers.

Certifications:  
ISO 9001  
ISO 14001



### QUIMDUNAVAL, S.L.

C/ Oslo, Parc. B-5.  
Pol. Ind. Cabezo Beaza.  
30353, Cartagena (Murcia)  
Phone: 0034 968522753  
www.quimdunaval.com

QUIMDUNAVAL, S.L. Bussines located in Cartagena for 34 years and dedicated to Naval, industrial and urban cleaning. Management, transport and previous treatment of oily residues.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### REFRIGERACIÓN GUILLÉN, S.L.

C/ Ramón y Cajal, 35.  
30205, Cartagena (Murcia)  
Phone: 0034 968517413  
www.refrigeracionguillen.com

Company with over 25 years of experience, dedicated to the sale, installation and maintenance of air conditioning, refrigeration, industrial refrigeration both naval and commercial. Established in Cartagena, but with a wide mobility that allows us to work both in Spain and abroad. Concerned about the quality being certified for 14 years in the ISO 9001: 2008, meets the legal regulations regarding the conservation of the environment relying on the ISO 14001: 2004 for 10 years and legal requirements in Occupational Risks with OSHAS 18001 certification, with which accounts for 8 years.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001





### RODRITOL, S.L.

Avda. de las Petrolíferas, s/n.  
35008, Las Palmas de Gran Canaria  
(Las Palmas de Gran Canaria)  
Phone: 0034 928460090  
www.rodritol.com

General electrical installations.  
Repair and maintenance of ships.  
Heating and cooling installations.  
Engineering services.  
Other productions of energy =>  
Production of electricity from thermal  
sources by photovoltaic panels.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### SEAPLACE, S.L.

C/ Bolivia 5, Bajo.  
28016, Madrid (Madrid)  
Phone: 0034 914585119  
www.seaplace.es

Seaplace was established in 1980 as an engineering consultancy to offer its services to the shipbuilding and offshore industry. Since then, we have worked in numerous national and international successful projects for both the civil and naval industries which outstand for their innovative solutions of high added value. We are proud of our highly qualified personnel, whose expertise in project management, design knowledge and unique experience, together with a close collaboration with I+D+i, all add up to make us the best in our field.

Certifications:  
ISO 9001



### TALLERES RENAIN, S.A.L.

C/ Mina Globo, Parc. G-9.  
Pol. Ind. Lo Bolarin.  
30360, La Unión (Murcia)  
Phone: 0034 968527226  
www.talleresrenain.com

General mechanization shop with very qualified and specialized professionals. We have lathes with a capacity of five meters and a three meter diameter. We also have milling machines, shapers, boring mills, honing machines, bridge planes, radial drills and other auxiliary machines installed. Mechanization of compressor cylinders, piston reconditioning, planning original pieces. Mechanization of all types of pieces: shaft, honing, engine valve honing reconditioning bearings with Babbitt metal filling. Recharging of materials by means of electric welding, "MIG", "TIG", submerged arc welding and torch welding. We have a staff of highly qualified operators with a lot of experience in industrial and petrochemical industries and jobs on ships.

Certifications:  
ISO 9001  
OHSAS 18001  
ISO 14001



### TECHNO PRO HISPANIA, S.L.

C/ Real, 37, Los Barreros.  
30310, Cartagena (Murcia)  
Phone: 0034 868065994  
www.tphispania.com

The goal of the Company is to provide and develop the following services and activities:

- Secure and protect goods and establishments.
- Install and maintain security devices and systems.
- Operate Central Reception Alarms for the reception, verification and transmission of alarm signals and the consequent communications to the State Security Forces.
- Planning and consultancy about the security activities considered in the law 23/1992 dated on 30-July, for the Private Security and/or other further ones that can modify or abolish this norm.
- Install and maintain fire detection and extinction systems.

Certifications:  
ISO 9001



### TINCASUR SUR, S.L

Pol. Ind. El Trocadero. C/ Francia, s/n.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956472723  
[www.tincasursur.com](http://www.tincasursur.com)

Since it was founded, TINCASUR SUR, S.L., has come a long way in the fields of industrial refrigeration, combustion engines, hydraulics and pneumatics, broadening its horizons and goal in order to meet the customer's requirements. A bid for TINCASUR SUR, S.L., to become a dynamic business within the industrial, naval and off-shore sectors has borne its fruits.

This allows us to offer a complete and adequate service to meet the demands and needs in the industrial, naval and offshore sectors.

Our main customers are Navantia, Dragados Off Shore, Acciona, Marina Barcelona 92, Endesa Generación and others.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2120



### XINERGIA ECO CONSULTING, S.L.

C/ Real, 37, Los Barreros.  
30310, Cartagena (Murcia)  
Phone: 0034 868065994  
[www.tphispania.com/xinergia/](http://www.tphispania.com/xinergia/)

XINERGIA ECO CONSULTING SL, as part of FIVA group, is a company that started business over 20 years ago, it is comprised of several companies from different sectors complementary of engineering and manufacturing.

The FIVA group proposes a global offer in the area of project management engineering and manufacturing. We mobilize both teams, and capabilities and resources to support the design and development of different projects in the naval- defense sector.

Services to shipyards and desing offices:

- Ships Drafts
- Project Engineering
- Tests and Warranties
- Integrated Logistic Support
- Product and Service Lifecycle Management (PLM/SLM)

Certifications:  
ISO 9001







# Aerospace Industry Sector



C/ Jerónimo Muñoz, 8-17.  
47151, Boecillo (Valladolid)  
Telf.: 0034 983546633  
[www.aciturri.com](http://www.aciturri.com)

### ACITURRI COMPOSITES, S.L.U.

Aerospace Industry  
Aerial Systems & Equipment;  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Aciturri is an aeronautical Tier 1 specialized in design, manufacturing and assembly of high technology aerostructures and engine components, offering to the market complete solutions in high performance technologies, in machining, joint technologies and special processes.

Aerospace Industry  
Sector

### EUROFIGHTER EF-2000 FAIRINGS FOR FLAPERON ACTUATOR , FLARE DISPENSER, RIGHT WING

Manufacturing of two equipped parts, front and rear, for the protection and fairing of the flaperon actuator and flare dispenser in right wing of joint European versatile fighter Eurofighter EF-2000.

Certifications:  
ISO 14001  
UNE EN 9100  
ISO 9001  
PECAL/AQAP 2110



## Main Products / Services

### A350VTP DESIGN, MANUFACTURING, INTEGRATION & ASSEMBLY

Design and calculation of the whole structure, aerodynamic elements and associated systems for the vertical Tail Plane of the commercial aircraft Airbus A350. Manufacturing of all associated parts in composite materials, including: Dorsal fin, trailing edge panels, parts in the leading edge, end tip and varied parts. Employed use hand lay-up and resin transfer molding.



### A400M VANE

Design, certification, manufacture and assembly of structural parts. Fixed lift device that is above the Flap.



### NH-90 HELICOPTER STRUCTURES FOR SPONSON AND VERTICAL TAIL PLANE

Manufacturing of sponson and all composite parts for vertical tail plane for the medium-sized, twin-engine, multi-role helicopter middle NH-90. In the case of sponsons, 6 fully equipped sections that set both assemblies are provided to the fall, as well as auxiliary elements for the fuselage. For vertical tail plane, all parts in composite material are manufactured and initial equipment is performed.



### RUDDER BOEING 737

Manufacturing of all parts for the rudder of commercial aircraft Boeing B737, made of carbon fiber reinforced plastic and Glass fiber reinforced plastic. Intermediate sub-assemblies, integrating metallic parts and final assembly for the whole rudder that is delivered to the customer fully finished.







Pol. Ind de Bayas. C/ Oron, 4.  
09200, Burgos (Burgos)  
Telf.: 0034 947059000  
[www.aciturri.com](http://www.aciturri.com)

### ACITURRI METALLIC PARTS, S.L.U.

Aerospace Industry  
Aerial Systems & Equipment;  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Aciturri is an aeronautical Tier 1 specialized in design, manufacturing and assembly of high technology aerostructures and engine components, offering to the market complete solutions in high performance technologies, in machining, joint technologies and special processes.

Currently Aciturri is involved as a RSP in Design & Build projects for platforms such as: A350 and KC390 and in Build to Print aero structure projects as B787 and engine projects as LEAP 1 and CFM.

### CASINGS

Compressor Case stages 3-8  
- Use: Trent Family  
- Material: Jetette  
- Diameter: 1,100 mm  
- Technology: 5 Axis Milling  
Vertical Turning;  
- Special processes: FPI inspection; Metco 601 Coating



Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120  
UNE EN 9100

## Main Products / Services

### FITTINGS

Materials: Titanium, Nickel, Steel and Aluminum based alloys. For rigid pipes for hydraulic, fuel and oil systems in both airframe and engine.



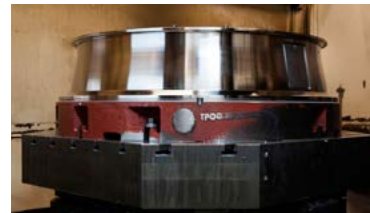
### PLATFORMS AND MOUNT LUGS

- Use: LEAP; Trent; TP400
- Material: Nickel alloys
- Technology: Multi Axis Machining, EDM
- Special Process: Close Die Forging; FPI; Polishing



### SHROUDS

- Use: LEAP; Trent; TP400; GTF
- Material: Nickel Alloys Forged
- Technology: Multi Axis Machining, EDM
- Special Process: Close Die Forging; FPI; Polishing



### PARTS TURBINE

Technology: turning milling, electrodischarge process and ultra-tough nickel, cobalt and copper alloys. The main use: drilling and turbo machinery critical applications.





**Aeropuerto de Cuatro Vientos.**  
**28054, Madrid (Madrid)**  
**Telf.: 0034 915089940**  
**www.aerlyper.es**

## **AERLYPER, S.A.**

Aerospace Industry  
 RPAS; Aerial Systems & Equipment;  
 Maintenance & Life Cycle Support;  
 Auxiliary Industry & Spares

Electronics, Communications & ICT  
 Radars; Electronic Warfare; C4ISR;  
 Surveillance & Security

Services, Logistic & Auxiliary Industry  
 Infrastructures

Aerlyper has a long-standing tradition in the Spanish aviation industry. Established in 1965, it is one of the oldest privately owned companies in the industry. Our lines of business cover five main fields of work: Electronic Engineering for Custom Design of Aircraft Systems, Aircraft Modernization and Upgrades Programs, Avionic Systems, Aircraft Maintenance, Repair and Overhaul (MRO), and Unmanned Aerial Vehicles (UAV).

## **IFR CONFIGURATION**

The intention is to provide the aircrafts with the capability to fly IFR.

This means that the aircraft does not need to have visual contact with the ground because its navigation is based on using flying instruments.

To have IFR configuration, the aircrafts would need at least:

- 2 radio transmitter/receivers for communications with the tower.
- 2 VOR receivers to contact with land beacons.
- 1 DME.
- 1 GPS.

Certifications:  
 UNE EN 9110  
 PECAL/AQAP 2120  
 PECAL/AQAP 2110  
 UNE EN 9100  
 ISO 9001



## Main Products / Services

### INSTALLATION AND MAINTENANCE OF INDICATION AND RECORDING SYSTEMS

The aim of this installation is to provide with the capacity to collect and record data from different sensors installed over the aircraft. It will determine the flight trajectory, the speed, the engine power, etc. Normally the installation of such equipment will be done on the tail of the aircraft. Data recorded by this instrument, would facilitate the investors to determine which was the main cause of an accident.



### INSTALLATION AND MAINTENANCE OF ILLUMINATION SYSTEMS

It proceeds to the installation of compatible lights with Night Vision Googles that complete the previous installation done by Aerlyper for the Compatibility of the HD.21 helicopters for a Night Vision System. The previous installation it is completed by 4 hovering lights, that with the new Flood lights, new flanges on some instruments (instrumental lights), as well as the new map lights.



### INSTALLATION OF WARFARE SYSTEMS

Installation of the Integrated Defensive Aids System (IDAS), on SUPERPUMA helicopter AS332 B1 property of the Spanish Air Force, dedicated to CSAR missions. Integration of a self-protection integrated system with the capacity of detection and alert of threats (missile approaching and laser illumination) through sensors, and with the capacity of shafts launching using some dispensers with the objective of diverting the trajectory of such missiles.



### INSTALLATION AND MAINTENANCE SYSTEMS OF TACTICAL COMMUNICATIONS

The target of this installation is to provide the aircrafts where this modification is done, with the capability to perform communications during tactical missions through instruments specifically designed for that purpose.

#### Installation components:

##### • FM Transceiver:

Exceeds the range of frequencies included between 128 and 174 MHz (VHF) and 1240 and 1740 MHz (UHF), used to maintain the aircraft's position.



VHF-FM TRANSMITTER

#### Antenna:

Rad antenna type, with higher bandwidth (128-174 MHz, 1240-1740 MHz), which allows to manage in operation capacity of the new FM transceiver.

The antenna is integrated on a mounting support, and it has a filter covering the ports in front atmospheric and meteorological conditions.





### AIRBUS DEFENCE AND SPACE, S.A.

#### Aerospace Industry

Aircrafts; RPAS; Aerial Systems & Equipment; Simulation; Satellites; Ground Segment; Satellite Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

#### Electronics, Communications & ICT

Electronic Warfare; Systems & Equipment; Simulation

#### Consulting & Engineering

Consulting & Engineering

## Aerospace Industry Sector

Avda. de Aragón, 404.  
28022, Madrid (Madrid)  
Telf.: 0034 915857000  
[www.airbusdefenceandspace.com](http://www.airbusdefenceandspace.com)

Airbus Defence and Space, SAU takes part of the Business Line "Military Aircraft" of Airbus Defense & Space (ADS), one of the three divisions of Airbus Group.

ADS is Europe's number one defense and space enterprise, the second largest space business worldwide and finds itself among the top ten global defense enterprises.

Military Aircraft designs, develops and delivers military airplanes, including operative support. It is Europe's leader in fixed wing military airplanes, as well as one of worldwide leaders of combat, transport and tanker aircrafts.

ADS is also a key industrial player in the development of unmanned aerial systems.

#### Certifications:

ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
ROD/001  
UNE EN 9100  
UNE EN 9110  
EASA

### A400M AIRCRAFT

A400M is an all-new military airlifter designed to meet the needs of the world's Armed Forces in the 21<sup>st</sup> Century. It is able to fly higher, faster and further, while retaining high maneuverability, low speed, and short, soft and rough airfield capabilities. It combines both tactical and strategic/logistic missions.



## Main Products / Services

### A330 MRTT AIRCRAFT

A330 MRTT is the only new generation strategic tanker/transport aircraft flying and available today. The A330 MRTT is offered with a choice of proven air-to-air refueling systems including an advanced Airbus Military Aerial Refueling Boom System, and/or a pair of under-wing hose and drogue pods, and/or a Fuselage Refueling Unit.



### EF2000 AIRCRAFT

Eurofighter Typhoon is the most advanced new generation multi-role/swing-role combat aircraft currently available on the market. Seven nations (Germany, United Kingdom, Italy, Spain, Austria, Saudi Arabia and Oman) have already ordered the Eurofighter. With 719 aircraft under contract and 571 on order, Eurofighter is currently the largest military procurement programme in Europe. Its high technology strengthens the position of European aerospace industry in the international market.



### C-295 AIRCRAFT

The C-295 is the ideal aircraft for defense and civic mission to the benefit of society, such as humanitarian actions, maritime patrol, and environmental surveillance missions, amongst others. This medium sized tactical airlifter provides wide versatility and flexibility, necessary for personnel, troop and bulky/palletized cargo transportation, casualty evacuation, communication and logistic duties or certified air-dropping capabilities. Able to carry up to 9 tons of payload or up to 71 personnel.



### CN-235 AIRCRAFT

The CN-235 is the lowest cost aircraft in the light and medium airlift field for defense and civic mission to the benefit of society, such as humanitarian actions, maritime patrol, and environmental surveillance missions, amongst others. This medium sized tactical airlifter provides wide versatility and flexibility, necessary for personnel, troop and bulky/palletized cargo transportation, casualty evacuation, communication and logistic duties or certified air-dropping capabilities. Able to carry up to 6 tons of payload or up to 51 personnel.





Ctra. de las Peñas, s/n, Km 5,300.  
02006, Albacete (Albacete)  
Telf.: 0034 967850700  
[www.airbus.com](http://www.airbus.com)

#### **AIRBUS HELICOPTERS ESPAÑA, S.A.**

Aerospace Industry  
Helicopters; Aerial Systems &  
Equipment; Simulation; Maintenance &  
Life Cycle Support; Auxiliary Industry &  
Spares

Airbus Helicopters España comprises all helicopter related activities such as design of new products, support, commercialization, programme management as well as production of aero-structures and final assembly line for some helicopter models.

**Aerospace Industry  
Sector**

Certifications:  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
UNE EN 9100  
UNE EN 9110



## Main Products / Services

### TACTICAL TRANSPORT HELICOPTER NH90 GSPA

Tactical Transport Helicopter designed for all Spanish Armies as a common platform to other NATO countries integrating XXIst Century technologies.



### ATTACK HELICOPTER HAD-E TIGER

Attack and Support Helicopter integrating weaponry, mission system and communications in a modern, versatile and stealth Weapon System.



### DEVELOPMENT AND SUPPORT SW

Development and support of software on board and mission equipment for helicopters, including ground trials on rigs for NH90 and Tiger, flight tests and certification/qualification.



### TRAINING CENTER

Training Centre for Pilots and Technicians for all Airbus Helicopters range.





## COMPANHIA ESPANOLA DE SISTEMAS AERONAUTICOS, S.A.

Aerospace Industry  
Aerial Systems & Equipment;  
Maintenance & Life Cycle Support

Aerospace Industry  
Sector

Paseo John Lennon, s/n.  
28906, Getafe (Madrid)  
Telf.: 0034 916240104  
[www.cesa.aero](http://www.cesa.aero)

CESA is a European company that competes successfully in the field of fluid-mechanics, consolidated and experienced by the inherited knowledge of EADS-CASA teams. Our shareholders are EADS-CASA (60%) and UTC Aerospace Systems (40%).

Involved in important civil and military aircraft programs, it develops Systems and Components for Landing Gears, Cargo Doors and Ramp and Flight Controls, among other elements. CESA is positioned as a leader in development programs of new technologies, electromechanical actuators and fuel cells.

Its activities include the design, development and production, as well as the maintenance and after sales service, of equipment and fluid-mechanical systems for aircraft and aerospace applications.

Certifications:  
ISO 9001  
PECAL/AQAP 2110  
UNE EN 9100

### PRIMARY FBW CONTROL SYSTEM (EF-2000 FOREPLANE)

CESA has proven expertise in the development and manufacturing of flight control. One proof of that is the Foreplane actuator (Primary Flight Control System) which is developed and manufactured for the Eurofighter. The FT4B is an R&D&i project consisting of developing a primary flight control system based on cutting-edge electrically-controlled hydraulic self-actuators (fly by wire), together with ADS. It needs to incorporate a complex servo valve and electrical sensors.



## Main Products / Services

### MLG & NLG C-295

CESA specialises in the hydraulic actuation and in the development, making and classification of hydraulic and electromechanical components for the aerospace industry. CESA makes landing gears for ADS on C212, CN-235 and C-295 aircraft. CESA also makes the landing gear for the TIGER helicopter along with its two-stage shock absorber. CESA has developed main and nose landing gears for the UAV ATLANTE of ADS. It is based on an oleo-pneumatic shock absorber and a light carbon fiber spring.



### MLG & NLG UAV ATLANTE

CESA develops, certifies and manufactures the landing gears of ADS UAV ATLANTE. The nose landing gear includes, an electromechanical Steering System, an energy Absorption System, a Shimmy Damper, a Weight on Wheels and the braking system. The main landing gear includes a composite development. CESA has the capacity to design, manufacture and certifies landing gear for light aircrafts up to 10 tons.



### STABILIZER STRUT ACTUATOR (A 400M)

CESA is particularly expert in ramp system with military applications. CESA develops the complete A400M ramp system (Strut, Ramp Toe, Air Deflector, Locking Latching) for ADS. CESA also developed and is responsible for the components that go to make up the ramp system on the following aircraft: CN235, C212, C295 and Sikorsky S92. In all of the above cases, CESA has also developed both simple and telescopic ramp actuators, civil and military door actuators, manifolds and modules and panels control.



### EXTENSION RETRACTION ACTUATOR (A330 MRTT)

CESA supplies important electromechanical systems for the Airbus defence and Space ARBS MRTT refueling system programme known as Tail Boom. These systems are: the HOIST system, which raises the boom; and the ERA system which extends and draws in the boom.

Furthermore, CESA is in charge of the development of electromechanical actuation systems for different applications under both national and European co-funded project for an advanced flight control, nose landing gear door actuator, etc.





## COMPUTADORAS, REDES E INGENIERÍA, S.A.U.

Aerospace Industry  
Aerial Systems & Equipment; Satellites;  
Ground Segment; Satellite Systems &  
Equipment

Services, Logistic & Auxiliary Industry  
Infrastructures

Aerospace Industry  
Sector

P.T.M. C/ Torres Quevedo, 9.  
28760, Tres Cantos (Madrid)  
Telf.: 0034 918068600  
[www.crisa.es](http://www.crisa.es)

Crisa, an Airbus Defence and Space Company, is one of the leading suppliers for space on board electronics, for space agencies and international organizations as well as launcher and satellite integrators. Crisa has also developed engineering and project management for Ground Segment projects. These projects include network architecture design for secure communications, Control' Center implementation, operation and maintenance, archive and catalogue applications and remote operation. Thirty years of experience in the business and more that 800 units in orbit, Crisa has demonstrated experience in supplying high reliability solutions to customers.

Certifications:  
ISO 9001  
UNE EN 9100  
ISO 14001  
PECAL/AQAP 2110

## FLIGHT SOFTWARE MECHANISMS CONTROL & DRIVING: HELIOS 2 MCM

MCM SW (Mechanism Control Module).

Basic and Application SW in charge of controlling different satellite mechanisms (motors) as, for example, trajectory control, oscillations correction, sight change operations, calibrations, etc.

Developed under the framework of Helios II/Spot-5 project.

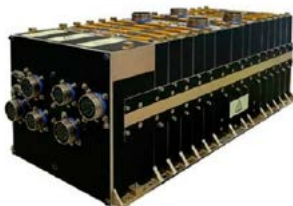
It was written in C and assembler for the 80c32 micro-controller.



## Main Products / Services

### POWER CONDITIONING UNIT (PCU) 50V

The PCU is a power management equipment intended for GEO telecommunication applications. It controls the spacecraft power from the solar array in sunlight mode and from 1 or 2 batteries during eclipse. It generates a fully regulated 50V bus for serving small to medium sized satellites with a power requirement ranging from 2kW to over 6kW, compatible with Electric Propulsion and TDMA payload operation mode. It is based on a modular design and can easily be adapted to different power requirements.



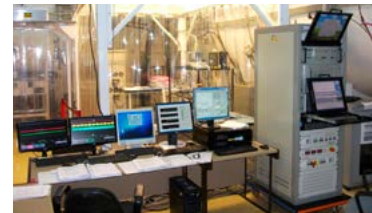
### INFRASTRUCTURE, COMPUTERS AND SPACE ANTENNA HELIOS PROGRAM

Contribution to the Spanish ground segment infrastructure of the military earth observation Helios satellites. This Centre performs the management of demands by users, produces the images and catalogues and archives. Crisa contribution: center infrastructure definition and design; communications; integration and validation including IFA and operation support; software development of catalogue and archiving management; maintenance in operative conditions, availability 24h/7j.



### EGSE FOR ARIANE 5 SEQUENTIAL ELECTRONICS

This EGSE executes the complete test sequences for the A5 SE and generates the test report automatically. It is composed of two racks, the Control rack includes the computer, all automatic instrumentation, the DC power bus and the transient generator, the MIL-Std. - 1553 bus. The Loads rack includes different type of electro valves and pyro loads simulators. Automatic tests include behavioral analysis during transients and short-circuit tests.



### CMGE CONTROL MOMENTUM GYRO ELECTRONICS

The CMG system provides satellite pointing agility generated by gyroscopic effect through high torque capability actuators.

The CMG-E is the electronic part of the system used to monitor and control the gyroscopic actuator. Functions:

- Momentum wheel speed control.
- Gimbal movement control.
- Spacecraft data management interface.
- Power supply for internal needs as well as for the Motors interfaces.
- Gimbal, Wheel and CMGE housekeeping telemetry acquisition.
- Protections.
- Braking of Wheel.





Avda. Leonardo da Vinci, 22.  
28906, Getafe (Madrid)  
Telf.: 0034 913588688  
[www.ctingenieros.es](http://www.ctingenieros.es)

### CT INGENIEROS AAI, S.L.

Land Industry  
Systems & Equipment; Auxiliary  
Industry & Spares

Aerospace Industry  
Aerial Systems & Equipment

Consulting & Engineering  
Consulting & Engineering

Aerospace Industry  
Sector

E2S and ME3S Preferred  
Supplier for Engineering  
Services and Manufacturing  
Engineering Services  
respectively for Airbus Group.

Main activities:

- PRODUCT ENGINEERING:  
from product conception/  
definition to final certification.
- MANUFACTURING  
ENGINEERING:  
manufacturing processes,  
automation, production and  
shop-floor support.
- PRODUCT SUPPORT  
ENGINEERING: covering  
all activities carried out  
after the product has been  
manufactured and/or  
delivered

Main projects: A350 WXB,  
A400M, A330 MRTT, A380,  
A320, CN-295, CN-235, P3  
Orion, Falcon 7X and A340.

Certifications:

ISO 14001  
ISO 27001  
ISO 9001  
UNE EN 9100

## Main Products / Services

### ENGINEERING SERVICES

Technological capabilities:

- Design of primary and secondary structures.
- Integration of on board mechanical and electrical systems
- Industrialization, development and completion of assembly and production support.
- Logistic support, technical manuals, service bulletins, product certification.







**Ctra. M-300, KM. 29.**  
**28802, Alcalá de Henares (Madrid)**  
**Telf.: 0034 918809000**  
**www.einsa.es**

## EINSA

### Land Industry

Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

### Aerospace Industry

Aerial Systems & Equipment; Simulation; Auxiliary Industry & Spares

### Armament & Ammunition

Maintenance & Life Cycle Support; Auxiliary Industry & Spares

Electronics, Communications & ICT Systems & Equipment

EINSA is a Spanish company founded in 1979 with 30 years' experience in the aviation industry. During this time, it has established itself as a leader in the design, development, manufacture, installation and support of the most technologically advanced military and civil Ground Support Equipment ("GSE").

EINSA exercises a continuous improvement policy which is based on its engineering capacity, expertise and core competencies developed in numerous areas such as mechanics, hydraulics, electronics, explosive atmosphere protection, EMC/EMI protection, etc. This approach and EINSA's competencies have resulted in the design, development and manufacture of more than 230 civil and military vehicles and equipment.

#### Certifications:

ISO 14001  
 ISO 9001  
 PECAL/AQAP 2110  
 UNE EN 9100

### MULTIPURPOSE ALL - TERRAIN VEHICLE MODEL MM-1A

The EINSA lightweight Multipurpose All-Terrain Vehicle, model MM-1A has been designed to meet the tactical and logistic requirements of today's armed forces. The MM-1A can also be used as a support platform for more specialized systems such as telecommunications, anti-tank warfare, reconnaissance missions, firefighting, personnel carriers, etc. The vehicle has been designed for air transport and delivery in mind.



## Main Products / Services

### TOW TRACTORS (5.000 LBS) MODEL TA-5

The TA-5 and TA-6 Tow-tractors are compact and robust vehicles designed especially for pulling/pushing and positioning of ancillary units in airports, docks and industrial plants as well as aircraft at airbases or at airports. Since the tractors operate in and around aircraft, they have been equipped with special characteristics which give them excellent maneuverability, such as a very small turning radius, hydraulic steering, four-fold brake system and hydrostatic transmission.



### TOWABLE HI-LIFT LOADER MODEL PER-4T

The EINSA towable hi-lift loader, model PER-4T, has been designed to lift, lower and transfer loads in transport aircraft and helicopters using 108" pallets, either longitudinally or transversally, such as the CN-235, C-295 or CH-47 Chinook. The payload of this loader is 4,500 kg.



### SELF PROPELLED GPU/ TOW TRACTOR MODEL EAA-500/3

The Self-Propelled G.P.U. /Tow Tractor, model EAA-500/3, is a compact vehicle designed to supply DC electric current to all types of aircraft and helicopters whose on board system is 28.5, 24 or 12 V DC with a continuous current of 500 A and up to a peak of 1,100 A.



### SELF PROPELLED COMBINED ELECTRIC/AIR START UNIT, VANE

The self-propelled Combined Electric/Air Start Unit, model VANE, is a self-propelled versatile vehicle specially designed to provide pneumatic power and electric current to most military aircraft and to all types of civil aircraft in operation today (except i.e. B-777 and A380, which can be started using two units in parallel), maximizing reliability, flexibility, operation, and maintainability required for military and civil applications.





Paseo de la Castellana, 149, Edif. Gorbe.  
28046, Madrid (Madrid)  
Telf.: 0034 914490149  
[www.hisdesat.es](http://www.hisdesat.es)

## HISDESAT SERVICIOS ESTRATÉGICOS, S.A.

Aerospace Industry  
Satellite Services

Aerospace Industry  
Sector

Hisdesat was founded in 2001 as Government satellite services operator in the areas of defense, security, intelligence and foreign affairs. Provides secure satellite communications services in X- and Ka-bands and is currently developing new Earth Observation and maritime traffic information (AIS) satellite constellations. The company has ground control centers operating 24/7.

The shareholder model relies on the joint use of public and private capital to provide strategic services and programs based on efficiency and excellence criteria. It stands out as a company of high strategic value for the Spanish government. In recent years, its intense activity and advanced programs have resulted in the generation of significant industrial returns.

Certifications:  
ISO 9001

## Main Products / Services

### SECURE SATELLITE COMMUNICATIONS

Secure communications: SpainSAT and XTar-Eur satellites provide communications in the military X and Ka bands and covers over two-thirds of the Earth. The satellite-based maritime traffic information system is receiving AIS signals from the over 110,000 vessels that are equipped with this system. It will provide an accurate picture of the world's maritime traffic in real time.



### EARTH OBSERVATION

In Earth Observation: PAZ (radar) and Ingenio (optical) satellites are designed for multiple purposes: intelligence, environmental monitoring, military operations, enforcement of international treaties and high-resolution mapping.





## INDUSTRIA DE TURBO PROPULSORES, S.A.

Aerospace Industry  
Aerial Systems & Equipment;  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Aerospace Industry  
Sector

Parque Tecnológico de Zamudio, Edif. 300.  
48170, Zamudio (Vizcaya)  
Telf.: 0034 944662100  
[www.itp.es](http://www.itp.es)

ITP is a global leader in its segment of the aircraft engine market and is currently the ninth biggest aircraft engine and components company in the world by revenue.

The company's story dates back to 1989, when the company first became involved in a defence programme, the EJ200 engine for the Eurofighter. The company has evolved from the EJ200 engine for the Eurofighter programme and it currently participates in nineteen separate commercial aviation and Defence programmes. ITP includes among its activities the design, research & development, manufacture and casting, as well as the assembly and testing and maintenance of aeronautical engines and industrial turbines.

Certifications:  
PECAL/AQAP 2120  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
UNE EN 9100  
UNE EN 9110  
EASA

## CASINGS

ITP manufactures Turbine and Compressor Casings, covering from small size up to the large LPT Casings for Widebody Aircraft Engines. ITP makes use of unique high speed machining technology to achieve the required level of intensive material removal and design tolerances at the same time, for a number of materials including Nickel alloys, Titanium alloys and Steels.



## Main Products / Services

### ENGINE/TURBINE COMPONENTS

**Vanes:** ITP produces turbine vanes (and vane segments) for the commercial and defense jet engines, and industrial gas turbines.

**Compressor Rotors:** ITP has developed a specialty in a wide range of complex compressor rotors.

**Turbine Discs and Shafts:** ITP produces Turbine Discs for a number of civil and military applications.

**Complex Fabricated Structures:** ITP provides a wide range of complex Fabricated Structures.



### PIPES AND DUCTS

ITP manufactures a large number of Rigid Pipes for Hydraulic, Fuel and Oil Systems in both Airframe and Engine. Materials include Titanium, Nickel, Steel and Aluminum based alloys. In addition ITP manufactures special applications of Flexible Pipes and Air Ducts with Flexible Joints.



### EXHAUST NOZZLES

The full 3D (pitch & yaw) thrust vectoring nozzle (TVN) is convergent/divergent type nozzle based on a three ring system concept enabling thrust vectoring and to alter the throat and divergent section exit areas.



### TURBINES

ITP has the capability to offer low pressure and power turbines engineering services capable of balancing efficiency, weight, noise level, cost and lifecycle. The wide engineering capability range allows ITP to offer a wide range of activities on turbines, from design, through analysis and support to development to sustaining engineering.







C/ Dehesa de Mari Martín, 31.  
28600, Navalcarnero (Madrid)  
Telf.: 0034 918101030  
[www.langaindustrial.es](http://www.langaindustrial.es)

#### **LANGA INDUSTRIAL, S.A.**

Land Industry  
Auxiliary Industry & Spares

Aerospace Industry  
Auxiliary Industry & Spares

**Aerospace Industry  
Sector**

Langa Industrial, company founded in 1970 is the leading Company at Spain on the design and manufacturing of Ground Support Equipment and Tooling for Aerospace Applications and Hydraulic Systems for Industry in general and defense, with a wide range of equipment, both for maintenance and for Handling of most current aircraft.

Certifications:  
PECAL/AQAP 2110  
ISO 9001



## Main Products / Services

### **GROUND SUPPORT EQUIPMENTS (GSE) / AIRCRAFT GROUND EQUIPMENTS (AGE)**

LANGA INDUSTRIAL is one of the main GSE / AGE designer and manufacturer worldwide; supplying Equipment for most of existing aircrafts and helicopters. The most remarkable equipments are: Hydraulic jacks, platforms, stairs, towbars, transport/ supply carts, weighing systems, deicers, etc. We also design tools or systems for the specific customer needs for the aircraft MRO or Handling operations.



### **SPARES, HYDRAULIC SYSTEMS FOR DEFENSE VEHICLES ( APC & MBT)**

LANGA INDUSTRIAL designs and produces hydraulic systems for Military Armored Personnel Carriers -APC- and Main Battle Tanks - MBT -, such as: anchor blades and hydraulic cylinders. Additionally we also produce lifting systems for such defense vehicle maintenance.





## MILITÄRTECNOLOGIE, DIENST UND ÜBERWACHUNG, S.A.U.

### Aerospace Industry Sector

Land Industry  
Systems & Equipment

Aerospace Industry  
RPAS; Aerial Systems & Equipment;  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Radars; Electronic Warfare; C4ISR;  
Surveillance & Security

C/ Juan Olivert, 24 - Parque Tecnológico Aerópolis.  
41300, La Rinconada (Sevilla)  
Telf.: 0034 954189010  
[www.mdu-sa.com](http://www.mdu-sa.com)

MDU is an Andalusian engineering company with proprietary technology which operates in three business units: Product Engineering, Engineering Services and Consulting and Engineering Maintenance MRO. Its product portfolio consists of flight control commands, embedded critical systems, Data-Link software radio technology and frequency hopping, Satcom On The Move systems, mission consoles or control and distribution units.

Certifications:  
ISO 9001  
PECAL/AQAP 2110  
UNE EN 9100  
CMMI  
ISO 14001

## Main Products / Services

### INTEGRATION OF ELECTRONIC DEVICES FOR COMMUNICATION AND NAVIGATION IN AUTONOMOUS

It is an autonomous convoy UGVs, operating by remote, semi-autonomous and autonomous control, both on roads and in unstructured environments, with obstacle detection and prevention, and satellite communication with the base station.



### COMBAT SYSTEM FOR SPANISH NAVY SHIPS (SCOMBA)

SCOMBA is a flexible and scalable Combat System that provides the solution required by a wide range of different warships. It is currently implemented in different vessels such as the OPV or the LHD. The communality between the components of the different SCOMBA versions offers undisputed advantages from a simplification point of view and lower costs for the Life-cycle Support service rendered to naval units that may engage in different missions, but which share a significant portion of software.



### SYSTEMS ENGINEERING: HARDWARE, SOFTWARE AND ELECTRONICS

This modem is a professional solution for systems communications. It's based in DVB-S/S2 and it allows the configuration of several kind of modulation. Thus, it adapts better the communication's canal until a 32 APSK-modulation.

It has IP connectivity and interoperability with others communication modems. With ULE encapsulate it increase its communications efficiency. It allows several mistakes detection during communications, thanks to a monitoring and control system.



### EUROFIGHTER TRIALS BANKS

- IVS (Integrated Validation System) aims to validate data Eurofighter mission.
- RIG RIG T2 and T3: Developed to check the correct operation of the avionics of EFA (T2 and T3 versions respectively).
- COMMS T1, T2 and COMMS COMMS Export Audio: Its purpose is to check the correct operation of radio equipment and CAMU (Communication and Audio Mangement Unit) in T1, T2 and export audio versions (special radio mounted in Saudi Eurofighter).





## SERVICIOS DE TECNOLOGÍA, INGENIERÍA E INFORMÁTICA, S.L.

Land Industry  
Systems & Equipment

Naval Industry  
Systems & Equipment; Simulation

Aerospace Industry  
Aircrafts; Helicopters; RPAS; Aerial  
Systems & Equipment; Simulation;  
Ground Segment; Satellite Systems &  
Equipment; Auxiliary Industry & Spares

Armament & Ammunition  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
C4ISR

Consulting & Engineering  
Consulting & Engineering

C/ Rita Levi Montalcini, 14.  
28906, Getafe (Madrid)  
Telf.: 0034 917241775  
[www.sertec.net](http://www.sertec.net)

Sertec is a Spanish company with 20 years of experience. Its main activities are focused in engineering, test and instrumentation of structures, composite materials, tooling and control systems, as well as automation and systems (UAVs, antennas).

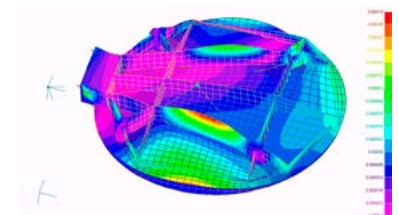
Sertec activity is focused in turnkey projects including engineering services as analysis, design, development, management and control of manufacturing of systems, equipment, parts, tooling and non-conventional structures in the following areas: aeronautics, space, defense, simulation, railways, marine, automotive and nuclear.

Sertec has developed and integrated designs and systems, for companies such as AIRBUS, BOEING, IAI, INDRA, NAVANTIA, TALGO, CAF, CERN, ITER, ESA.

Certifications:  
PECAL/AQAP 2110  
ISO 9001  
UNE EN 9100

## ENGINEERING SERVICES

SERTEC conducts comprehensive coverage of mechanical, electromagnetic and civil engineering, both in its facilities and in facilities of Airbus and CERN (Geneva). From conceptual design to final service delivery covering design and analysis of structures and systems to offer complete coverage.



## Main Products / Services

### AIRCRAFT UPGRADES

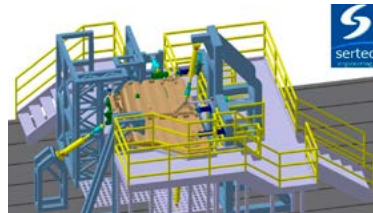
Customization according to customer requirements.  
Feasibility studies, engineering and manufacturing coverage.  
Installation kits.  
Civil and military certification.  
Turnkey projects for POD's.  
Equipment and tests.  
Development of composites.  
9100 certification.



### CERTIFICATION TEST BENCHES

Development of test benches for certification of parts, contemplating the phases of definition, design, manufacturing, overhaul and commissioning on customer premises.

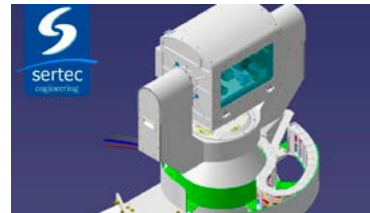
- A350 Landing Gear Door & Spoiler Full Scale Test
- A400M HTP Full Scale Test
- A380 Landing Gear Doors Full Scale Test



### TRACKING SYSTEMS

Passive Targeting Tracking Systems.  
Multiple PAN & TILT Solutions.  
Turn Key Composite Tracking Antenna Systems:

- Composite multiband antenna systems
- Rapid interchange between x, ku & ka-band feeds
- Automatic deploy and stow



### UAV

SERTEC has developed unmanned systems of various kinds, covering from ground segment to air with various systems:

- UGV-LIRON for NBC threat recognition
- UAV-ALUA, based on gyro with over 200 kg payload
- SX8 UAV, unmanned fixed wing (2 meter wingspan) economic cost of with 2.5 kg payload





C/ Isla de la Palma, 36 Naves 8 y 9.  
28703, San Sebastián de los Reyes (Madrid)  
Telf.: 0034 916518227  
[www.scrtargets.es](http://www.scrtargets.es)

## SISTEMAS DE CONTROL REMOTO, S.L.

Aerospace Industry  
RPAS; Aerial Systems & Equipment;  
Simulation; Maintenance & Life Cycle  
Support

## Aerospace Industry Sector

Sistemas de Control Remoto, S.L. (SCR) was founded in 1994.

In Spain, it is leader in design, manufacture, service and sales of unmanned aircrafts.

Over 650 aircrafts sold.

More than 2,000 flights.

It stands out as the only Spanish company mass-producing target drone & UAVs.

Manufacture of prototypes and short batches in composite & metallic parts, including tools, meeting the highest quality standards.

Boasting broad range of product and services internationally.

Expertise in R&D projects.

Tailored development of products according to customer's requirements, being present throughout product life cycle.

## SCRAB TARGET DRONES RANGE

Aerial target drones covering a wide operating speeds and ranges. Powered by turbojet using standard aviation fuel (Jet A-1, JP5, and JP8).

Take-off through elastomeric launcher.

Fully autonomous flight from take-off to recovery.

Parachute assisted landing.

Wide range of pay loads.

Simplicity of operation makes them ideal for use in all types of sites, including frigates at sea.



Certifications:  
ISO 9001



## Main Products / Services

### ALBA LIGHT AERIAL TARGET AIRCRAFT

ALBA is a small modular target drone that has been continuously improved over the past two decades. Its successful design has allowed for a process of constant adaptation latest technologies, which helps the product to be always up to date. The product is designed and built in collaboration with the INTA. With over 350 units in service, its quality is guaranteed. ALBA is specially designed to serve on maneuvers with 35-90 mm machine gun and Mistral missiles or similar.



### ATL LIGHT AERIAL TARGET

The ATL is a light aerial target, used successfully for years. Recently it has been updated with an auto-pilot system, equipped for autonomous take-off, navigation and landing. For its size and cost, it is ideally suited for use in all types of artillery and short-range missile exercises, making the destruction of planes by direct impact perfectly viable.



### UAVS RANGE

Within its R&D program SCR, has developed a wide range of UAVs (fixed and rotary wing) of high performance, reliable, secure and flexible. Designed and manufactured according to standards, bearing in mind the whole product life cycle. Systems of quick deployment, simple operation and maintenance. Integrating sensors and equipment for the execution of a variety of missions: intelligence, surveillance, reconnaissance, emergency and security.



### RANGE OF MARITIME TARGET DRONES

Systems with autonomous control by means of autopilot, which allows them to navigate automatically following a GPS route. They are able to tow a sub-target, so the primary vehicle can stand in a safe position during firing exercises. Integration of a wide range of payloads to carry out a variety of missions.







### AEROSPACE ENGINEERING GROUP, S.L.

Pol. Ind El Campillo, Bloque 1D.  
48500, Abanto Zierbena (Vizcaya)  
Phone: 0034 946363711  
[www.aerospacengineeringgroup.aero](http://www.aerospacengineeringgroup.aero)

Aerospace engineering group was founded in the year 2000. Since then, a continuous process of investment and growing has been followed to become one of the most valuable partners for the tier 1 MRO providers.

Aerospace Engineering Group performs the maintenance of the components under EASA part 145 and FAR part 145 for civil aircraft, and under AQAP/PECAL 2120 for military ones.

Our company has an extensive experience in repair and overhaul of a wide variety of civil and military aircraft components, such as power generator equipment (IDG, CSD, APU, Generators and Starter Generator, Inverters, Fuel Pumps, Electric Motors), Hydraulic Systems, Avionics (Instruments, Communication and Navigation), Landing Gear and Fuel Systems.

Certifications:  
ISO 9001  
PECAL/AQAP 2120  
UNE EN 9100  
UNE EN 9110  
EASA  
UNE EN 9120



### ASON ELECTRÓNICA AERONÁUTICA, S.A.

C/ Castrobarrio, 10.  
28042, Madrid (Madrid)  
Phone: 0034 913295717  
[www.asonea.com](http://www.asonea.com)

Established in 1995, ASON Electrónica Aeronáutica S.A. has specialised in the development, modernization and production of aircraft engine test facilities and ground support equipment for testing components and accessories of the Aeronautical and Defence industries. The company also produces flight line test and diagnosis equipment.

The ASON staff has gained experience in more than 200 projects on control instrumentation and data acquisition. ASON has designed, developed or modified all of the aviation engine test facilities and APUs owned by the Spanish Navy and Air Force, which in most cases include data analysis and acquisition systems by ASON.

In 2014, ASON was integrated into the COBRA group.  
The COBRA group has more than 28,000 employees in over 45 countries.

Certifications:  
UNE EN 9100  
ISO 9001



### CONSULTORES DE SISTEMAS DE AERONÁUTICA, S.A.

Ronda de Segovia, 39.  
28005, Madrid (Madrid)  
Phone: 0034 914701500  
[www.csa-sa.com](http://www.csa-sa.com)

CSA is a private Spanish company established in February 1989, as an independent company devoted to Engineering Support and Special Products Supply for the Industrial, Military and Aerospace market sectors, with emphasis on Electronics and Avionics. Currently, one of the main activities of CSA is the application of new technologies to the field of defense and ammunition.

CSA has developed many different activities related to Radio-Proximity fuse 76/62 VT-RF and other calibers such as 3/50, 4/50 y 5"/54.

CSA was awarded a contract by Eurofighter for the design, development, manufacturing and supply of ECS Valves, DCU and MIDS.

Certifications:  
ISO 9001



### CONSUR, S.A.

Parque Sevilla Industrial.  
C/ Parsi, 6.  
41016, Sevilla (Sevilla)  
Phone: 0034 954999042  
[www.airgrup.com](http://www.airgrup.com)

Leading manufacturer of single parts and sub-assemblies for the aerospace and defense industry covering a wide range of metallic materials and systems:

- Complex tubes and ducts
- Welded assemblies
- Large aluminum and titanium machining
- Structural subassemblies
- Surface treatment
- Engineering

Certifications:  
ISO 9001  
PECAL/AQAP 2120  
UNE EN 9100



### ETEL 88, S.A.

Ctra. del Barrio de la Fortuna, 10,  
Hangar 1, 1º.  
28054, Madrid (Madrid)  
Phone: 0034 911440520  
www.etel88.com

ETEL88 is a Spanish services company founded in 1988, with large experience in commercialization, distribution, representation and business consulting within the Aeronautical, Defense, Homeland Security and Law Enforcement industry.

Our mission is to offer innovative technologies in the Spanish market and optimize the communication link between supplier and client, in order to achieve their mutual satisfaction, providing excellent quality services.

The customized solutions offered to our clients based on the analysis of their needs is what distinguishes us. We are backed up by the confidence of our customers and the results obtained by a great number of leading international companies that have hired our services.

Certifications:  
ISO 9001  
PECAL/AQAP 2130



### FLAVIA AERONÁUTICA Y SISTEMAS, S.L.

Avda. Gregorio Peces Barba, 1,  
Parque Científico de Leganés Tecnológico (LEGATEC).  
28918, Leganés (Madrid)  
Phone: 0034 916940528  
www.flaviaaero.com

The activity of FLAVIA Aeronáutica y Sistemas (FLAVIA) focuses on the equipment to support assembling, testing and maintaining aerospace and defense systems, primarily: Test Stands; Ground Support Equipment ( GSE) / Aerospace Ground Equipment ( AGE); Tooling. These equipment are based on the following technologies: Hydraulics (oils, fuel, etc.); Pneumatics (compressed air, gases, vacuum); Electro-mechanics; Refrigeration.

FLAVIA capabilities in this field are: Design; Manufacturing; Installation and commissioning; Certification / CE marking; Maintenance; Technical assistance. Commercially speaking, the following product ranges are available: FLAVIA proprietary; Built-to-print; Distributed brands.



### FUNDACIÓN ANDALUZA PARA EL DESARROLLO AEROESPACIAL

C/ Torneo, 26.  
41002, Sevilla (Sevilla)  
Phone: 0034 954179002  
www.catec.aero

FADA is a R&D private non-profit organization whose purpose is the research, development and exploitation of new aerospace knowledge and technologies. Therefore FADA manages the Center for Advanced Aerospace Technologies (CATEC) and ATLAS, a laboratory for flight testing of unmanned aircraft systems (RPAS).

Strategic areas: New composite materials, its production processes, life cycle and recycling; Automation, assembly, inspection and testing; New avionics systems and subsystems; New techniques for air traffic management, including airport management and its technical facilities; Unmanned Aerial Vehicles; Development of computer simulation techniques; Development of techniques, components, subsystems, systems and special applications.

Certifications:  
ISO 14001  
ISO 166002  
ISO 9001  
OHSAS 18001  
UNE EN 9100



### GESTAIR MAINTENANCE, S.L.U.

Antigua zona industrial de IBERIA,  
Edif. 107, 1ª Planta.  
28042, Madrid (Madrid)  
Phone: 0034 913123140  
www.gestair.com

Gestair Maintenance, Maintenance Corjet before, is the only Spanish operator that offers customers comprehensive services in business aviation with worldwide coverage, which covers the maintenance base, online as well as maintenance of components.

Certifications:  
ISO 9001  
PECAL/AQAP 2120  
EASA



### INGENIERÍA SEMASA, S.A.

C/ Ámsterdam, 81.  
28813, Torres de la Alameda (Madrid)  
Phone: 0034 918868500  
[www.ingenieriasemasa.com](http://www.ingenieriasemasa.com)

Ingeniería Semasa is a Spanish company specialized on civil and military aircraft components maintenance, non-destructive testing and equipment calibration. Our company develops its activity in three main areas:

- Component Maintenance: High quality and prompt service are the main characteristics we offer in a daily basis for wheels, brakes, landing gear, fire extinguishers, regulators, masks and oxygen cylinders, hydrostatic testing of pressure containers reload, emergency slides, life rafts and life vests, floats and helicopter batteries repair service.
- Non-destructive test: We are consolidated experts in NDT techniques.
- Calibration Laboratory: Our precise calibration laboratory is certified by ENAC 123/LC10.09.

Certifications:  
ISO 17025  
EASA



### INMAPA AERONÁUTICA, S.L.U.

Ctra. Palencia Magaz Km 2.5.  
34190, Villamuriel de Cerrato (Palencia)  
Phone: 0034 979165968  
[www.inmapa.com](http://www.inmapa.com)

In 2002 AERONAUTICS INMAPA is born as a clear answer of INMAPA Group to the aeronautics sector.

Branch specialized in the manufacturing of metallic components and small assemblies for the aeronautical sector. Milling, welding, painting and chemical treatment of aircraft parts.

Certifications:  
UNE EN 9100  
ISO 9001



### LATECOERE SERVICES IBERIA, S.L.

C/ Hispano Aviación, 11, Planta 8, Of. 6 a  
9. Parque Tecnológico Aeropolis. 41300, La Rinconada (Sevilla)  
Phone: 0034 954475570  
<http://www.latecoere-services.com/es/>

Latécoère Services Iberia is a subsidiary of the Latécoère Group specialized in engineering services for aeronautics, space, defense, transport, industry and energy and nuclear. The company focuses its service portfolio in R&D, design, concepts, stress analysis, manufacturing engineering, tooling, prototypes and small production runs and measurement systems. The aeronautical sector represents more than 75% of the annual turnover of the company, which has participated in the vast majority of international projects in the sector. Today, it is one of the Airbus Group's 15 Tier-1 engineering-service providers. It also highlights its work for various programs of Embraer and Bombardier.

Certifications:  
ISO 9001  
UNE EN 9100  
ISO 14001



### RAMEM, S.A.

C/ Sambara, 33. 28027, Madrid (Madrid)  
Phone: 0034 914044575  
[www.ramem.com](http://www.ramem.com)

RAMEM S.A., a company founded in 1958, has been recognized as one of the top five most innovative SMEs in the Community of Madrid, with awards and accreditations for its efforts in enterprise.

We are backed by the experience and technology acquired from over 55 years in the design and manufacture of mechanical and electro-mechanical equipment, having manufactured more than 20,000 different items. We design, manufacture and manage our production using a Quality System in accordance with UNE-EN 9100 & UNE-EN ISO 9001 and have certifications from CESOL, AEND, ROLLS-ROYCE, ITP, AIRBUS, NATO, and others. RAMEM participates in important European R&D programmes and has its own patents and publications through its IONER brand, [www.ioner.eu](http://www.ioner.eu).

Certifications:  
ISO 9001  
UNE EN 9100



### **TURBAIR, S.A.**

C/ Brújula, 13, Nave-1. 28850, Torrejón de Ardoz (Madrid)  
Phone: 0034 916750818  
[www.turbair.es](http://www.turbair.es)

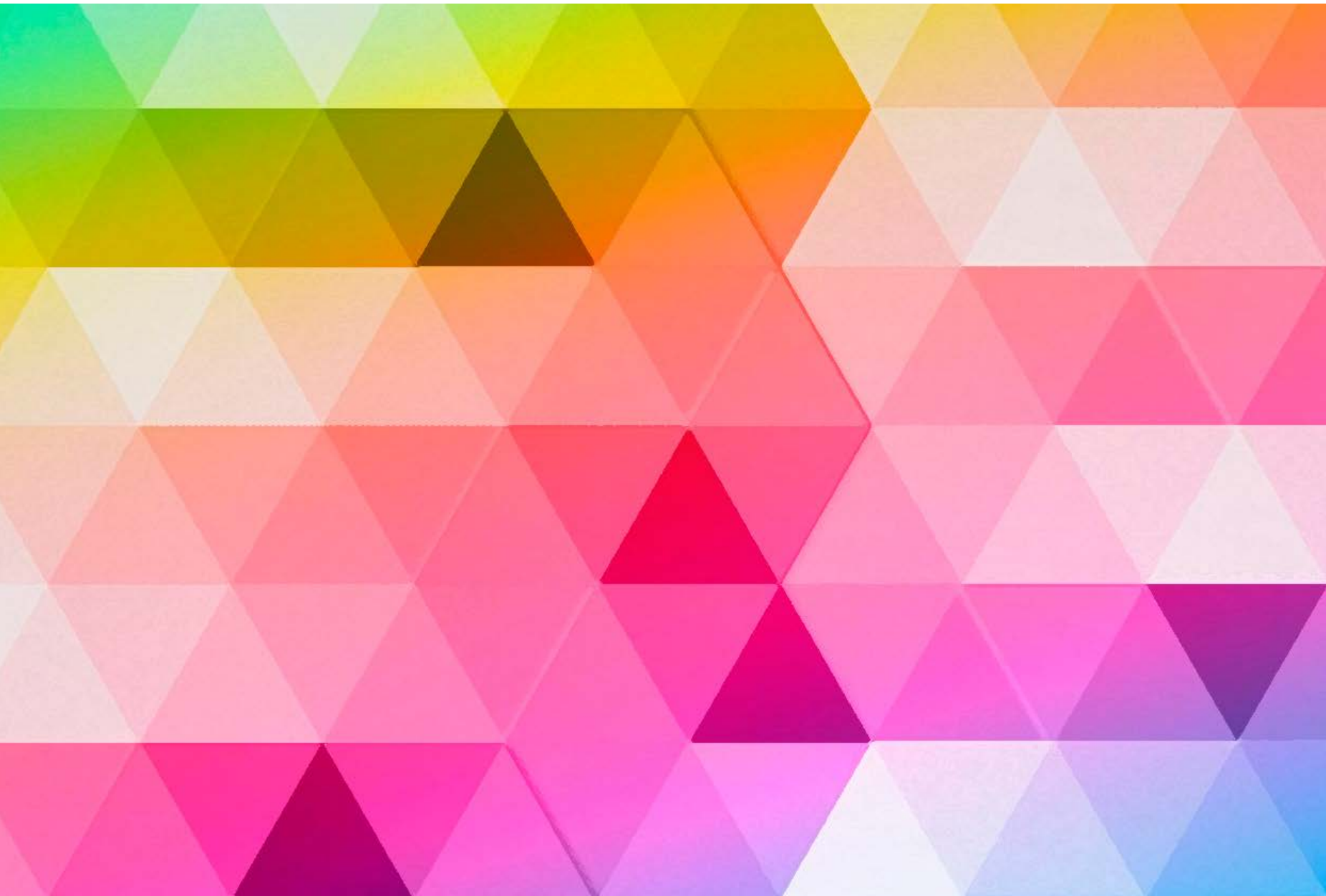
The purpose of TURBAIR, S.A. is the manufacturing of aeronautical devices and test bench as well as the maintenance, revision and overhaul of aeronautical components and turbine engines for Defence sector.

We have the capacity of engineering development for obtaining necessary guidelines for all designs related to the aviation industry.

Since 1988 TURBAIR reviews ALLISON 250 engines, components of helicopters UH-1H, AB212 and CHINOOK, and components of FOKKER 27, BEECHCRAFT BONANZA, CASA C-101 and PILLAN.

Since 2010 we also review portable and engine fire extinguishers and oxygen cylinders and regulators.

Certifications:  
ISO 9001  
EASA  
PECAL/AQAP 2120





# Armament & Ammunition Sector



Avda. del Partenón, 16.  
28042, Madrid (Madrid)  
Telf.: 0034 917220235  
[www.maxam.net/es/expal](http://www.maxam.net/es/expal)

## EXPAL SYSTEMS, S.A.

## Armament & Ammunition Sector

Land Industry  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Aerospace Industry  
RPAS; Maintenance & Life Cycle  
Support

Armament & Ammunition  
Armament; Ammunition; Missiles;  
Demilitarization; CIED; Maintenance &  
Life Cycle Support; Auxiliary Industry &  
Spares

Services, Logistic & Auxiliary Industry  
Consumer Goods

EXPAL develops, manufactures, integrates and maintains a wide portfolio of products, systems and services for the Defence and Security sectors.

Our customers are Ministries of Defence and Armed Forces from around the globe, international organisms and other leading defence companies. Currently, EXPAL's products and services are employed by over 40 countries.

EXPAL offers its customers a wide range of solutions for supporting and improving their operational capabilities. Adapted to the nature of their missions, EXPAL provides technological developments for the greater defence and protection of their troops.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2120

## AVIATION BOMBS

EXPAL develops, manufactures a wide range of aviation bombs, such as conventional bombs, American MK 80 series bombs, training bombs type BDU and MK-22 (British bombs for training purpose), and BPG 2000 penetration bomb with integrated precision-guided system.





## Main Products / Services

### MEDIUM CALIBER CANNON AMMUNITION

EXPAL has an extensive experience on development and manufacture of medium caliber cannon ammunition for automatic weapons, from 12.70 mm up to 40 mm with excellent results.



### SMALL ARMS AMMUNITION

More than 300 years of industrial tradition that support its capabilities, technologies and processes that EXPAL uses for the manufacture of small caliber ammunition, positioning as a leader provider in this line activity.



### ARTILLERY AND NAVAL AMMUNITION

Complete family of conventional artillery ammunition for 105 and 155 mm calibers that EXPAL manufactures in their different versions, EXPAL has developed its own family of artillery ammunition, high capacity (ER) based on base bleed technology.



### MORTAR SYSTEMS

These systems that range from 60, 81, and 120 mm offer an excellent balance between weight and manageability of the platform. Fast position-time, high operability and easy to handle maintain. EXPAL has developed the integrated mortar system EIMOS with the aim to provide solutions to the troops for the new operational requirements, as well as provide the latest technological developments for defense and protection.





C/ Monreal, 27.  
50002, Zaragoza (Zaragoza)  
Telf.: 0034 976293423  
[www.instalaza.es](http://www.instalaza.es)

## INSTALAZA, S.A.

### Armament & Ammunition Sector

Armament & Ammunition  
Armament; Ammunition; Missiles;  
Demilitarization; Simulation;  
Maintenance & Life Cycle Support;  
Auxiliary Industry and Spares

Electronics, Communications & ICT  
Surveillance & Security; Systems &  
Equipment; Simulation

Services, Logistic & Auxiliary Industry  
Infrastructures; Auxiliary Industry &  
Machinery; Services; Consumer Goods;  
Others

INSTALAZA S.A., is a leading company that applies the highest technology to design, develop and manufacture its defence material, with the aim of offering the infantry the most effective solutions. Founded in 1943, its professional experience is well known as Spanish Armed Forces supplier and more than 30 countries around the world. Its products offer the highest performance and have been tested in accordance with the strictest quality controls, keeping an outstanding record of safety, reliability and efficacy, under the toughest conditions.

### ALCOTAN-100

ALCOTAN-100, family of shoulder-launched systems, 100 mm caliber, up to 1,200 m ranges, with rangefinder and night vision in its fire control unit named VOSEL and a wide range of munitions, antitank, antibunker, double purpose, multipurpose (with airburst capability), etc. It is featured with a rocket motor to maintain constant velocity and to compensate wind effects. It is the most powerful up to 750 mm perforation behind ERA protected armors and the best cost-effective system in their category.



Certifications:  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### C90

C90, family of shoulder-launched systems, 90 mm caliber, with different ranges up to 750 m, with an optical viewfinder and night vision VN38-C and a wide range of munitions, antitank, antibunker, double purpose, smoke-incendiary, etc. With 5 kg of weight is the lightest in their category with a very high perforation above half a meter in steel. The same munitions variants are included in the C90-CS (Confined Space) version, to be fired from enclosed spaces, and in the reusable version.



### ALHAMBRA GRENADE

ALHAMBRA, family of hand grenades, defensive, offensive and of both uses, with a mechano-electronic fuze, unique in the world that allows 100% verification, and an electronic delay extraordinarily precise and reliable. Their reliability is the highest registered in hand grenades, exceeding 99.9% with more than 3,500 throws under extreme conditions and zero failures. It generates electric energy only after throwing, staying uncharged during transport, storage and handling.



### FTV GRENADE

FTV rifle grenade with bullet trap, effective, reliable, easy to use and without the need to attach another launcher to the assault rifle. Its warhead combines shape charge effects with a perforation of 110 mm in RHA steel and a fragmentation with a lethal radius of 6,5 m far surpassing the effects of 40 mm grenades. Over 2.2 million rifle grenade units sold of all types through history credited the production capacity of the company INSTALAZA.



### VN-MF

VN-MF night vision image intensifier multifunction is suitable for the assault rifle HK G-36E, the C90 family systems and as independent surveillance equipment. It provides three different uses for the same equipment powered by 2 commercial AAA batteries. The entire equipment with the different adapters weighs only 750 g.





Pza. Rabi Sem Tob, s/n.  
34004, Palencia (Palencia)  
Telf.: 0034 979165570  
[www.nammo.com](http://www.nammo.com)

### NAMMO PALENCIA, S.L.

Armament & Ammunition  
Ammunition

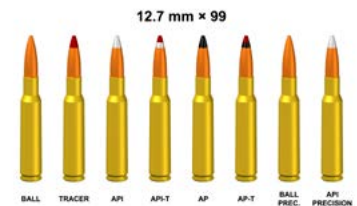
Services, Logistic & Auxiliary Industry  
Consumer Goods

Armament & Ammunition  
Sector

The Company's activity consists of the manufacture, production and marketing of all types of ammunition for armaments and related ancillary activities, as well as the storage and transport of these products.

### 12.7 x 99 MM AMMUNITION

Large family of NATO standard ammunition for machine guns and accuracy rifles (sniper).



Certifications:  
PECAL / AQAP 2120  
ISO 9001

## Main Products / Services

### 30 x 173 MM AMMUNITION

Large family NATO standard ammunition with high quality and Steel cartridge case suitable for antimateriel/antipersonnel use in Bushmaster II MK44 and Máuser MK30 guns.



### 40 x 53 MM AMMUNITION

NATO standard grenades for antipersonnel/antimateriel use on automatic grenade launchers such as the MK19, MK47, LAG 40 and H&K.



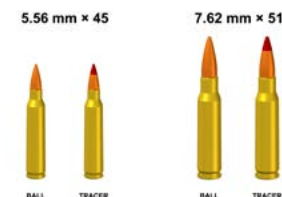
### 35 x 228 MM AMMUNITION

High performance ammunition suite for Oerlikon guns 35/90 KDB type GDF-001, GDF-005 & GDF-007, and Bushmaster III.



### 5.56 x 45 MM AND 7.62 x 51 MM AMMUNITION

Standard NATO ammunition suitable for semiautomatic rifles and machine guns.





C/ Sánchez Guerrero, 4.  
28043, Madrid (Madrid)  
Telf.: 0034 913810600

### NIGHTVISION LASERS SPAIN, S.L.

Armament & Ammunition  
Armament; Maintenance & Life Cycle  
Support; Auxiliary Industry and Spares

Electronics, Communications & ICT  
Surveillance & Security; Systems &  
Equipment

Services, Logistic & Auxiliary Industry  
Dress & Soldier Equipment; Others

## Armament & Ammunition Sector

Nightvision Lasers Spain (NVLS) is a Spanish, private owned company, dedicated to the design, production and sales of high end man-portable optronic systems.

As the leading company in the Spanish market and the main night vision exporter, they produce monocular and binocular night vision systems, night vision observation and weapon sights, thermal goggles and sights and compact laser systems.

Product range:

- Multifunction ruggedized ultralight night vision monoculars in 18mm technology.
- New ultracompact "MINIMUS" 16 mm multifunction monocular (< 170 g).
- Ultralight ANVIS pilot goggles.
- Thermal sights.
- Binocular multi-sensor day/night observation systems.
- Multifunction compact laser range finder.
- High power IR designators/illuminators.

Certifications:  
ISO 9001

### AM-NVM MULTIFUNCTION

AM-NVM: Multifunction, ruggedized and very light night vision monocular with 18 mm tube.

Construction in light metallic alloy. Weight < 300 g.

New generation optics with increased bandwidth.

Multifunction:

- helmet mounted in monocular or binocular mode for driving.
- head mounted in monocular or binocular mode for driving.
- weapon mounted behind red dot sights.
- submersible 30 meter in operation.





## Main Products / Services

### MINIMUS NIGHT VISION MONOCULAR 16 MM TUBE

MINIMUS: Multifunction, ruggedized and ultra-compact night vision monocular with 16 mm tube.

Construction in ultra-light metallic alloy. Weight < 170 g. New generation optics with increased bandwidth.

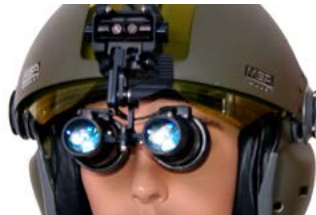
Multifunction:

- helmet mounted in monocular or binocular mode for driving.
- head mounted in monocular or binocular mode for driving.
- weapon mounted behind red dot sights.
- submersible 30 meter in operation.



### ULTRA-LIGHT ANVIS GOGGLE FOR HELICOPTERS AND TRANSPORT AIRCRAFTS

Ultra-light ANVIS goggle for helicopter or jet aircraft. Construction in ultra-light metallic alloy. Weight < 500 g. New generation optics with increased bandwidth. Customized cut off filters for compatible cockpits. Increased field of view to 43°.



### UNCOOLED THERMAL WEAPON SIGHTS

Uncooled thermal weapon sights; Construction in ultra-light metallic alloy; Short, medium and long range models available; Model for HMG available.



### MULTIFUNCTION COMPACT LASER RANGE FINDER

Multifunction compact laser range finder. Construction in ultra-light metallic alloy. Weight < 200 g. Mounting on any fire arm. Attachable to night vision monoculars or binoculars. Attachable to night sights, day sights and thermal sights.







**Pol. Ind. Masía del Conde. C/ En Proyecto, 4, Parc. M1-3.  
46393, Loriguilla (Valencia)  
Telf.: 0034 961520602  
[www.otomelaraiberica.es](http://www.otomelaraiberica.es)**

### OTO MELARA IBÉRICA, S.A.U.

Land Industry  
Systems & Equipment; Maintenance &  
Life Cycle Support

Armament & Ammunition  
Armament; Ammunition

## Armament & Ammunition Sector

OTO MELARA IBÉRICA (OMI) was established in November 2003 as a wholly owned subsidiary of Oto Melara S.p.A, a Finmeccanica Company.

OMI headquarters is located in Loriguilla, close to Valencia. Main objective is to continue and expand the products and services supplied to different areas of the Spanish Army. Among its products and services, Centauro 105 mm Turret currently in service in the Spanish Army and its small and medium caliber turrets: the HITFIST® 25-30 mm, the OWS® 30 mm, the HITROLE® Light 12.7 mm and HITROLE® 12.7 mm Land and Naval versions as well as systems overhauling such as the OTO Melara's Howitzer 105/14.

OMI is in expansion process beyond the Spanish borders, in order to get also a significant presence.

Certifications:  
ISO 9001  
PECAL/AQAP 2120

### HITROLE® LIGHT RWS 7.62-12.-AGL 40 MM

HITROLE® Light is a state of the art lightweight Common Remote Operated Weapon Station (CROWS) that can be fitted with 7.62 mm or 12.7 mm Machine Guns (MG) or a 40 mm Automatic Grenade Launcher (AGL) to perform multi-role tasks like surveillance, patrolling in urban environment, border security, counter-sniper and asymmetric missions. Due to its light weight and innovative design, HITROLE® Light can be easily installed on the roof of all types of vehicles. No penetration of the hull is required.



## Main Products / Services

### HITROLE® N REMOTE CONTROLLED NAVAL TURRET HIGHLY INTEGRATED TURRET

The HITROLE®- N is a modern, remotely controlled naval weapon system that can be fitted with a range of single or multi barrels cannons, well suited for policing operations and countering asymmetric threats. An “on mount” high capacity ammunition storage (400 rounds 127 mm), plus additional ammunition depots under the mount, guarantee the necessary operative flexibility and autonomy. HITROLE®- N can be fitted with single barrel cannons of 12.7 mm, or 7.62 mm, or 5.56 mm in caliber or 40 mm AGL.



### HITFIST® 25-30 MM LIGHT TURRET FOR INFANTRY FIGHTING VEHICLES

HITFIST® is a two-man power operated turret incorporating the latest technologies in the fields of electronics, protection, signature and Man Machine Interface (MMI). The turret structure is made of ballistic aluminum alloy; steel armor plates and composite material panels are installed to reach the required protection level. The main armament consists of an automatic cannon, 25 mm or 30 mm, As an option the main armament can also include two Anti-Tank Missile Launchers, side mounted.



### HITFIST® OWS 30 MM (OVERHEAD WEAPON SYSTEM) REMOTE WEAPON STATION

The HITFIST® OWS is a remotely operated Overhead Weapon Station (OWS) incorporating the latest technologies in the fields of electronics, signature and Man Machine Interface (MMI); HITFIST® OWS can be easily installed on any tracked and wheeled vehicle, as no hull penetration is required, and it is ready to operate without any preparation. The main armament consists of a 25 mm or 30 mm cannon. As an option the main armament can be also completed by side mounting two anti-tank missile launchers.



### 105/14 MOD. 56 HOWITZER

The 105/14 Mod. 56 Howitzer has been one of the most 105 mm artillery weapon system tested in the world. Due to its light weight and its capacity to be easily disassembled, it can be towed or transported by light vehicles, small boats or draught animals, raised by small helicopters or parachuted. OTO Melara Ibérica is currently producing this system and has the experience to perform a full Overhaul of systems in service by applying all the processes to return it into an optimal state of service.





C/ San José Artesano, 8.  
28108, Alcobendas (Madrid)  
Telf.: 0034 916623236  
[www.paptecnos.net/](http://www.paptecnos.net/)

#### PAP TECNOS INNOVACIÓN, S.A.U.

Land Industry  
Systems & Equipment; Maintenance &  
Life Cycle Support

Aerospace Industry  
Aerial Systems & Equipment

Armament & Ammunition  
Armament; Ammunition; Missiles; CIED;  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Electronic Warfare; C4ISR; Surveillance  
& Security; Systems & Equipment; ICT

## Armament & Ammunition Sector

PAP TECNOS is a Spanish company that manufactures and supplies a wide variety of equipment and next-generation systems for use in the defense and security market. Our mission is to supply equipment and systems with the best price / quality ratio and our services to be listed as models for our customers.

Additionally, to manufacturing, integration and final testing of their equipment, PAP TECNOS provides maintenance, repair and technical support during the system life cycle.

PAP TECNOS is currently supplying equipment and systems with high technological and strategic value, especially in the area of Remote Weapon Stations, to the Spanish MoD. PAP TECNOS also supplies products in the areas of Electro Optical Sensors and ISTAR.

Certifications:  
ISO 9001  
PECAL/AQAP 2120

#### REMOTE WEAPON STATION FAMILY FOR LAND VEHICLES

Advanced remote weapon stations (RWS) family for Land Vehicles, system enables target engagement with enhanced accuracy, while maximizing crew protection from enemy fire.

Designed for high performance and survivability on land, these RWS have been adapted to a wide variety of trucked and wheeled armored vehicles. Six land configurations RWS support diverse, interchangeable weapons and sensors including 5.56/7.62/12.7/30 mm machine guns, 40 mm AGL, ATGM, observation pods, and non-lethal weapons.



## Main Products / Services

### REMOTE WEAPON STATION NAVAL FAMILY

The REMOTE WEAPON STATION NAVAL FAMILY is a family of lightweight, stabilized, remote controlled weapon systems for a full range of weapons, including:

- Small or medium caliber up to 30 mm
- Coaxial machine guns
- Surface missiles
- Surface-to-air missiles
- Chaff rockets and decoys

Main Features:

- Battle proven
- Highly accurate in day and night operations
- Lightweight
- No deck penetration is required
- Simple operation with high reliability
- Cost effective
- Modular design



### LITENING AIRBORNE DAY/ NIGHT NAVIGATION & TARGETING POD

LITENING Airborne Day/ Night Navigation & Targeting POD provides precision strike capability to every fighter aircraft.

- Reduced pilot workload during targeting/tracking
- High accuracy, reliability, Low life cycle cost
- Upgrades existing aircraft
- Adaptable to most aircraft
- Detection, recognition, identification and laser designation of air-to-surface and sea targets
- Accurate delivery of laser guided munitions, cluster and general purpose weapons
- Laser spot detection and tracking



### RECCELITE DAY/NIGHT ELECTRO-OPTICAL RECONNAISSANCE POD

Reccelite Day/Night electro-optical reconnaissance POD is available for missions 24 hours a day to provide real-time imagery collection and data transfer via data link communications.

- Stabilized turret
- IR and visual channels in simultaneous collection
- Image collection in all directions:
- Real-time data link communication to ground station
- Operating options for high, medium and low altitudes
- Shares the Litening targeting pod ILS infrastructure



### IED DETECTOR

The system enables the EOD team to quickly detect IEDs with pin-point accuracy. This is achieved without requiring direct line-of-sight to the target and without exposing the team to life-threatening risks.





Avda. de Zugazarte, 56.  
48930, Getxo (Vizcaya)  
Telf.: 0034 944817500  
[www.sener.es](http://www.sener.es)

## SENER INGENIERÍA Y SISTEMAS, S.A.

## Armament & Ammunition Sector

Land Industry  
Systems & Equipment

Naval Industry  
Military Vessels; Rescue & Police  
Vessels; Other Vessels

Aerospace Industry  
RPAS; Aerial Systems & Equipment;  
Satellites; Satellite Systems &  
Equipment; Maintenance & Life Cycle  
Support

Armament & Ammunition  
Armament; Missiles; Maintenance & Life  
Cycle Support

Electronics, Communications & ICT  
Surveillance & Security; Systems &  
Equipment; Maintenance & Life Cycle  
Support

Services, Logistic & Auxiliary Industry  
Infrastructures

Consulting & Engineering  
Consulting & Engineering

SENER is an engineering and technology group founded in 1956 that is known for its innovative solutions. In Defense, SENER is a supplier of electromechanical and optical systems, systems for submarines and services for helicopters' modernization.

SENER has the capability for giving a complete service: design, production, series production, system integration and maintenance of the product throughout its life cycle.

Besides, SENER's ability to address multidisciplinary projects enables it to lead and collaborate in defense programs involving integrated systems.

With almost five decades in the aerospace industry, SENER has progressively increased its level of responsibility to the point where it leads complete programs as prime contractor.

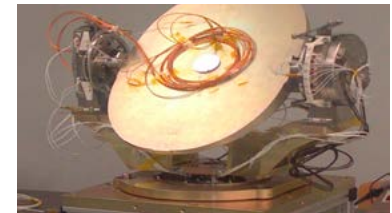
### Certifications:

ISO 13485, ISO 14001, ISO 166002  
ISO 9001, OHSAS 18001  
PECAL/AQAP 2110, PECAL/AQAP 2210  
UNE EN 9100, UNE EN 9110, UNE EN 9120  
ROD/001

## MECHATRONICS (SPACE)

Development, integration and verification of electromechanical Systems and Servo systems including the control electronic equipment of them.

SENER is a reference company in the context of European Space Agency (ESA) ambient in deployment mechanics systems, pointing, scanning and positioning for scientist satellites, space probes and observation satellites (MTG, Flip Mirror).





## Main Products / Services

### CAS CONTROL ACTUATOR SYSTEMS MISSILES

Development, integration and verification of actuation and control Systems. SENER as the European center of excellence in design and development of actuation and control Systems for the aerospace and military industry, develops and produces solutions for aerodynamic surfaces control, deployment and locking mechanisms, and for missiles (IRIS -T, METEOR).



### ELECTRONIC / SOFTWARE AND TEST EQUIPMENT

Development, integration and validation of high-performance digital systems for intelligence applications in communication and sensor management. For example, SENER develops image processing electronic equipment for the 'pods' Litening and Reccelite used in Eurofighter and Tornado combat aircrafts (IPU- EF), also providing them with communication functions through Data Link (data link via radio), IPU- DL.



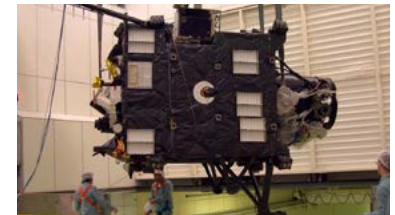
### INTEGRATED SYSTEMS

Lifecycle management of complex systems. For example, SENER has provided support for the Spanish Air Force during the integration of the IRIS-T system in EF18 and is the Prime Contractor for the Taurus KEPD 350 providing assistance during the integration of the missile in the EF18. In 2011 the Spanish Navy awarded SENER the life extension program of seven helicopters Augusta Bell AB -212.



### MECHANISMS AND MECHANIC SYSTEMS

SENER carries out rotary and linear actuators, deployment systems (radar, large structures and Boom), pointing and scanning systems, optical instrumentation mechanisms, mechanisms for telescopes, satellite antennas subsystems, control electronic equipments, mechanisms for special applications (micropositioners, scanners, filter wheels, shutters, 'Flip - Flop' and calibration mechanisms) and Ground Support Equipment.





### ADAPTIVE SYSTEMS, S.A.

C/ Laurín, 39.  
28043, Madrid (Madrid)  
Phone: 0034 913889834  
[www.adaptive.es](http://www.adaptive.es)

Adaptive Systems is a company specialized in simulation systems for missile launchers. Born in 2002, we develop all kind of simulators: Land-land, land-air, air-air, air-land all based in COTS components. Adaptive has the know-how, tools, models and technology to build simulators in a short time, according to the requirements of the customer.

Certifications:  
ISO 9001



### ECIA XEMEIN

Avda. Xemein, 12.  
48270, Markina-Xemein (Vizcaya)  
Phone: 0034 946167616  
[www.eciaxemein.com](http://www.eciaxemein.com)

The firm manufactures metal parts of armament. The firm starts in Markina (Bizkaia) in 1995 by a group of twenty workers from different areas of ESPERANZA Y Cia., an ammunition Factory and other shareholders. ECIA XEMEIN SAL began operating with a clear vocation to extend their knowledge of forging and machining. The company's machinery and installations offer a wide range of possibilities for production of metal parts in Steel, brass and aluminum as well as products that require some or all of the processes of forging, machining, surface, and heat treatments and painting.

Certifications:  
ISO 9001



### FALKEN, S.A.

C/ Diamante, 7.  
28021, Madrid (Madrid)  
Phone: 0034 917981418

Pyrotechnic products, non-lethal, for police and military forces. FALKEN,S.A. ([info@falken.es](mailto:info@falken.es)) is a company specialized in pyrotechnics products, non-lethal and high energy products that has designed, developed and manufactured many specialized pyrotechnic devices for military, police and commercial applications, such as non-lethal tear-gas grenades, light and sound "STUN" grenades, illuminating tear-gas and sound cartridges, tear-gas sprays, etc. The standard FALKEN range of products includes smoke-producing devices, tear-gas, illuminations, signaling, occultation, counter-measures, acoustic signals, instruction, high energy, etc.

Certifications:  
ISO 9001  
PECAL/AQAP 2110



### HÉRCULES DE ARMAMENTO, S.L.

C/ Pedralonga, 32. Lugar de Palavea.  
15009, A Coruña (A Coruña)  
Phone: 0034 981175590  
[www.herculesdearmamento.com](http://www.herculesdearmamento.com)

Hércules de Armamento began its activity in 2013, with the purpose of take over the renowned La Coruña Arms Factory. Our company is established over the former management Staff, accounting on a deep knowledge of the State-of-the-Art machinery and the excellent work force of A Coruña Arms Factory. Although traditionally this factory is engaged in the manufacture of weapons our capabilities enable us to work on many of the civilian sectors, such as automotive, medical, aeronautical and nuclear.

Certifications:  
ISO 14001  
ISO 9001





### IBATECH TECNOLOGÍA, S.L.U.

C/ Doña Juana I de Castilla, 50, 1 D.  
28027, Madrid (Madrid)  
Phone: 0034 913759465  
www.ibaconsultores.es

IBATECH Tecnología S.L.U. is an engineering company, which operates in CBRN defence, EOD, meteorology, communications, logistics very experienced in:

- Detection and identification of chemical, biological and radiological agents.
- Detection and identification of explosives. Demilitarisation.
- Ensuring the availability, supply and decontamination of water.
- Detection and elimination of NBC contaminants to improve air quality.
- Biological and chemical waste treatment; CBRN decontamination.
- Generating electricity through advanced technologies.
- Research and development of technologies, equipment and solutions associated to the fields of NBC defence, EOD, meteorology, energy, water, air and waste.
- Consultancy.

Certifications:  
ISO 14001  
OHSAS 18001  
ISO 9001



### INMIZE SISTEMAS, S.L.

Avda. de Bruselas, 35.  
28108, Alcobendas (Madrid)  
Phone: 0034 914809873

INMIZE SISTEMAS SL - Company dedicated to the management and performance of missile systems engineering activities and to the promotion, marketing and sales of missile systems.



### MBDA ESPAÑA, S.L.

Plaza Pablo Ruiz Picasso, 1. 28020, Madrid (Madrid)  
Phone: 0034 917693805  
www.mbda-systems.com

MBDA, a world leader in missiles and missile systems, is a multi-national group and the first truly integrated European defence company. MBDA is the only Group capable of designing and producing missiles and missile systems to meet the whole range of current and future operational requirements for the 3 armed forces (army, navy, air force). MBDA offers a range of 45 products in service and another 15 in development. It has demonstrated its ability to bring together the best skills across Europe and as a result has been chosen to lead a series of strategic multi-national programmes, including the 6-nation Meteor air superiority weapon and a family of air defence systems based on the Aster missile. EXOCET, TAURUS, MISTRAL are other well-known systems.

Certifications:  
ISO 9001  
UNE EN 9100



### MENPRO GESTIONES DOCUMENTARIAS

C/ Marie Curie, 5-7, Edif. Alfa, 7ª Planta.  
28521, Rivas-Vaciamadrid (Madrid)  
Phone: 0034 915522161  
www.menpro.es

MENPRO is focused in representing foreign firms with pioneering products and/or technologies in the Defence filed; as well as providing integration and technical support services through our Engineering Department. Since 1995 the evolution of the firm has been set on offering high performance, high added value and high quality products to our Armed Forces and Law Enforcement Agencies; as well as all the necessary technical support in order to assure full performance and operability at affordable lead-times and costs. As for our suppliers, MENPRO offers a unique platform, with deep knowhow in this field, from which promoting sales of their products and/or technologies.

Certifications:  
ISO 9001



**NEW TECHNOLOGIES  
GLOBAL SYSTEMS, S.L.**

C/ Anastasio Nieto, 3.  
28400, Collado Villalba (Madrid)  
Phone: 0034 917105489  
[www.ntgs.es](http://www.ntgs.es)

NTGS designs systems of weapon, safety systems and special vehicles combining the experience of his engineers of armament with the most modern technology, integrating commercial components of last generation with period of development and very limited costs.

Certifications:  
ISO 14001  
ISO 9001







# Electronics, Communications & ICT Sector



C/ Valle de la Fuenfría, 3.  
28034, Madrid (Madrid)  
Telf.: 0034 914560008  
[www.acuntia.es](http://www.acuntia.es)

## ACUNTIA, S.A.

### Electronics, Communications & ICT Sector

Electronics, Communications & ICT  
Ciberdefence; Systems & Equipment;  
ICT

Acuntia is a Company offering solutions and services on Information and Communications technologies ICT.

We fulfil the needs of companies and public organizations as solutions and services providers on IP convergence networks, secure systems and applications, supported by consulting, integration, management and externalization services.

We count with 20 years of experience within the Spanish Information and Communication technologies field, and we bid for specialization and experience to take care of modern telecommunications structures during their life cycle.

Certifications:  
ISO 20000  
ISO 27001  
ISO 9001  
ISO 14001  
PECAL/AQAP 2110



## Main Products / Services

### VARIOUS COMMUNICATION EQUIPMENT

Equipment for voice and / or data among which routers, switches, VoIP, firewalls etc. configured and installed by engineers specialists in each of the areas.



### MAINTENANCE OF MILITARY ELECTRONIC SYSTEMS

Maintenance of military electronic systems with varying levels of service agreement including 24x7 resolution in 4 hours throughout the national territory, including islands.



### TELECOMMUNICATIONS NETWORKS

Supply, installation and maintenance of telecommunication networks. Including wired networks, wireless, encrypted throughout the national territory, including islands.



### FACILITIES MANAGEMENT SERVICES FOR COMPUTER SYSTEMS DEVELOPMENT

Capacity for the development, strategic planning, direction, coordination and management of technical and economic projects in all IT areas.





## ATOS IT SOLUTIONS AND SERVICES IBERIA, S.L.

### Electronics, Communications & ICT Sector

#### Land Industry

Systems & Equipment; Auxiliary  
Industry & Spares

#### Naval Industry

Systems & Equipment

#### Aerospace Industry

Aerial Systems & Equipment; Ground  
Segment; Satellite Systems &  
Equipment

Electronics, Communications & ICT  
Radars; C4ISR; Ciberdefence;  
Surveillance & Security; Systems &  
Equipment; ICT

Services, Logistic & Auxiliary Industry  
Infrastructures; Military Health &  
Medicine; Others

Ronda de Europa, 3.  
28760, Tres Cantos (Madrid)  
Telf.: 0034 914569803  
[www.es.atos.net/es-es/sectores/defensa-y-seguridad/default.htm](http://www.es.atos.net/es-es/sectores/defensa-y-seguridad/default.htm)

ATOS IT is a company of Atos SE, an international company for information technology services, with 93,000 employees in 72 countries. We serve a global client base of high-tech transactional services, consulting and technology services, systems integration and managed services. With its deep technology expertise and knowledge of different sectors, works with clients present in the following markets: Manufacturing, Retail and Services; Public Sector, Health & Transport; Financial services; Telecommunications, Media and Technology; Energy and Utilities. Atos is focused on business technology that powers progress and helps organizations in their firm for the future.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

## COMMAND AND CONTROL CENTERS

Atos provides fixed and mobile C2 centers including (making use of) our own software solutions (Vigia-Centinela-Gemma) and using also our own hardware products (BULLION x86 infrastructure and HPC BULLX) or from partners or other sources (Client provided hardware). Army PCBON, Rio Segura SIVE Frigate, NATO CAOC TJ, AT20 Frontex transceiver.



## Main Products / Services

### COMMUNICATIONS SOLUTIONS

Atos hands-key projects make use of communications in any frequency band and technology (Data Networks, HF-VHF-UHF-uW-GSM-Satellite Communications, end to end encrypted cell phones, etc.) to deliver solutions as ground-air communications for Air Forces, IT infrastructure for EMAD and NATO, Link-11 communications for Air Forces, Satellite comms for Guardia Civil, etc.



### DEPLOYABLE AND TRANSPORTABLE SOLUTIONS

Atos Designs and develops communication solutions for command and control, field deployable and/or on boarded, as for PCBON, mobile command centers for crisis management at Military Emergencies Unit UME (as Mallorca, Menorca y Simancas mobile stations), NATO downlink stations for class and unclass nets (as Cuenca transportable station). Also our capabilities include design, develop, set up and logistic support for Army's Role 3 field deployable hospital.



### CRITICAL INFRASTRUCTURE PROTECTION

Atos delivers full hand-key projects for security solutions, access control, CCTV surveillance, early alert and facial recognition, including installation of all related equipment as well as management and control system for all associated information, aiming towards alert generation and actuation protocol plans when some vulnerability has been detected either at the protected or surveilled zone or surrounding perimeter, with examples as SIAM and SIVE for Guardia Civil, NATO CAOC TJ.



### INTELLIGENCE AND CYBERDEFENSE SOLUTIONS

Atos develops solutions for intercept and monitor communications, analyze and generate intelligence and cybersecurity (access and identities management, cypher cell phones, third-party technology integration, SOC-Security Operations Centers, vulnerabilities management and APT, data protection and information leaking prevention, HSM, cypher USB discs). ELINT, COMMINT, OPTINT, Jamming. Intelligence and Information Services.





## CELESTICA VALENCIA, S.A.

Land Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment; Satellite  
Services

Armament & Ammunition  
Missiles

Electronics, Communications & ICT  
Radars; Systems & Equipment

Electronics, Communications  
& ICT Sector

**Ctra. Valencia-Ademuz, Km 17,6.  
46185, La Pobla de Vallbona (Valencia)  
Telf.: 0034 962754321  
[www.celestica.com](http://www.celestica.com)**

Celestica's Valencia, Spain facility specializes in medium- and low-volume, high-mix, high complexity, printed circuit assembly (PCA) and systems assembly. The Valencia team builds components for products used in Defence, airplanes, security systems, radio stations, medical and industrial products.

The site is an Industrial and Aerospace & Defence Center of Excellence for Celestica's Europe region, and also provides Design, New Product Introduction (NPI), Engineering and After Market Services for global and local customers, providing full support throughout the entire lifecycle of their products.

We are integrated in Celestica corporation.

Certifications:  
ISO 14001  
UNE EN 9100  
UNE EN 9110  
OHSAS 18001  
ISO 9001  
PRI-NAPCAD

## Main Products / Services

### PRINTED CIRCUITS BOARD AND SYSTEM ASSEMBLIES

One stop solution from PCBA,  
module/system assembly to  
aftermarket service.

Proven experience in  
computers, cockpit displays  
and communication, FADEC  
Electronics, Power Distribution  
systems and lighting.

Quick turnaround time for pilot  
qualification: average 5 NPIs  
per week.

Electromechanical skills for  
engineering and process  
supports.

IPC Class3 workmanship.

Conformal coating, press fit,  
HASS testing.

Cable harness manufacturing.





Avda. Rita Levi Montalcini, 3.  
28906, Getafe (Madrid)  
Telf.: 0034 911840396  
[www.centum.com](http://www.centum.com)

### **CENTUM SOLUTIONS, S.L.U.**

## **Electronics, Communications & ICT Sector**

Naval Industry  
Auxiliary Industry & Spares

Aerospace Industry  
Aerial Systems & Equipment; Auxiliary  
Industry & Spares

Electronics, Communications & ICT  
Electronic Warfare; C4ISR; Systems &  
Equipment; ICT

CENTUM is an international company with presence in Spain, Brazil and Germany, a leader in innovation in the development of products and communication engineering services specializing in the field of communications, control and intelligence of signal with a clear focus on aerospace and defense, telecommunications and emergencies and security sectors.

### **SYSTEMS INTEGRATION**

CENTUM offers complete systems integration services covering analysis and design for required solutions, validation testing processes, execution of required modifications and qualification/certification of the integrated system.



Certifications:  
ISO 27001  
ISO 9001  
UNE EN 9100



## Main Products / Services

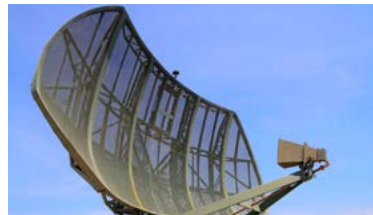
### QUALIFICATION/ CERTIFICATION OF SYSTEMS

As a complement to specification projects, CENTUM has a team specialized in V&V and qualification/certification of systems which operates with full autonomy from the specification and design team, in order to ensure better compliance with applicable regulations.



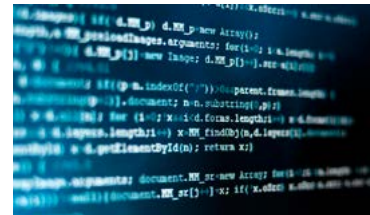
### ELECTRONIC WARFARE

CENTUM has extensive experience in the definition of a great variety of systems. Analysis of operational concepts as well as definition of requirements and design, in accordance with different regulations, particularly aeronautical and military for their high degree of complexity and requirements.



### EMBEDDED SOFTWARE

CENTUM provides key experience for each life cycle of Software Engineering for complex and highly interoperable systems.



### ENGINEERING AND SYSTEM INTEGRATION OF COMMUNICATIONS

Design, development and system integration of communications both embarked and terrestrial for the civil sector.







Avda. de Monelos, 107, Entreplanta.  
15009, A Coruña (A Coruña)  
Telf.: 0034 981177935

## **ELECTROSONI, S.L.**

Electronics, Communications & ICT  
Electronic Warfare; ICT

Electronics, Communications  
& ICT Sector

ELECTROSONI S.L. is a company established in 1980 and nowadays is involved in the design, manufacturing, technical support and maintenance of equipment for electronic countermeasures for the law enforcement agencies, and the Ministry of Defense.

The company also has a specialized group in providing technical support to legal interception systems for the law enforcement agencies.

Certifications:  
ISO 9001

## Main Products / Services

### PAGM JAMMER

PAGM jammers are modular equipments covering a wide frequency range from 5 to 2,500 MHz and output power from 5 to 20 W depending on installed modules. Each PAGM rack has slots for up to 5 modules and could be used on civil or military environments, installed on vehicles, fix installations or as portable equipment.

For pure military environments, we have available an evolution of the equipment called PAGM-MIL that meets MIL STD-810F standards.

### SERVICE LEVEL AGREEMENT

Service Level Agreement for the SITEL Project by Spanish Ministry of Interior, between BAESYSTEMS and Electrosoni S.L.





## FCC INDUSTRIAL E INFRAESTRUCTURAS ENERGÉTICAS, S.L.U.

### Electronics, Communications & ICT Sector

Land Industry  
Simulation

Aerospace Industry  
Aerial Systems & Equipment;  
Simulation

Armament & Ammunition  
Simulation

Electronics, Communications & ICT  
Radars; Simulation; ICT

Services, Logistic & Auxiliary Industry  
Infrastructures; Consumer Goods

Consulting & Engineering  
Consulting & Engineering

C/ Federico Salmon, 13.  
28016, Madrid (Madrid)  
Telf.: 0034 913918143  
[www.fccindustrial.com](http://www.fccindustrial.com)

FCC Industrial is a leading company in the industrial construction sector, with over 30 years of experience.

We have merged within FCC Industrial nine companies to take advantages of their synergies, and provide a better service to Clients. These were top companies in maintenance, electrical and energy sectors with capabilities to undertake EPC projects and construction of large installations worldwide. Our Systems Division, which is specialized in engineering and implementation of ICT systems, performing the design, engineering, development, maintenance and operation of integrated solutions adapted to our customer needs, both nationally and internationally.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
UNE EN 9100  
ISO 27001

### AIR MISSION PLANNING, BRIEFING & DEBRIEFING SYSTEMS

They allow concurrently planning, in 2D & 3D, missions for a wide variety of aircraft, considering all mission aspects (tasking, tactical scenario, A/C configuration, attack, CAP, refueling, take-off & landing, COMMS, etc.) and providing optimum attack & threat-avoidance calculations, IFR & Operational auto-routers and deconfliction facilities. They also cover data up/downloading to/from the A/C, and support mission briefing and debriefing. Success cases: Eurofighter, EF-18, C-130, P-3, AV-8B.

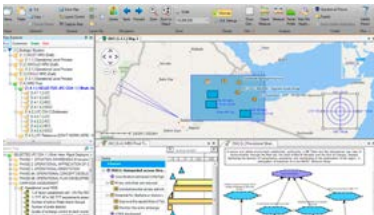


## Main Products / Services

### OPERATIONAL PLANNING TOOLS SUITE

It is composed of different software tools that allow the support to the planning and deployment of military operations. It improves the data interchange and availability and the process of decision taking in a collaborative and distributed way.

This suite of tools covers the intelligence data analysis phase, the operational planning, the campaign assessment, the ORBAT management and the force generation.



### SIMULATION CONTROLS REPLICA

The replicas for the controls of weapons systems for armoured vehicles use the USB-HID specification being able to communicate with any PC application.

These replicas are fully functional replicating in a realistic way the real behaviour, being to control multiple inputs and outputs.

Fully operative replicas have been provided to the Spanish Army to reproduce the weapons systems of the vehicles Centauro, Pizarro and RG-31 vehicles.



### ELECTRICAL AND ELECTROMECHANICAL FACILITIES

FCC Industrial is leader in the deployment of LV and MV electrical projects, covering all the installations life cycle (design, erection, testing, and maintenance). Furthermore, FCC Industrial provides a comprehensive maintenance service, which covers all the levels and categories (preventive, corrective, technical assistance, etc.). FCC Industrial offers a wide expertise in energy efficiency management, that span the operation and optimization of building and industrial facility energy consumption.



### OIL&GAS PROJECTS (INFRASTRUCTURES)

FCC Industrial is a leader in building hydrocarbon storage and transport infrastructure. FCC Industrial is specialized in building tank farms and onshore and offshore hydrocarbon pipelines. Our experience is supported by the works done for the major companies within the sector, such as REPSOL, ENAGAS, CLH, Gas Natural Fenosa and PetroGalp.





c/ Isaac Newton, 11.  
28760, Tres Cantos (Madrid)  
Telf.: 0034 918072100  
[www.gmv.es](http://www.gmv.es)

## GMV AEROSPACE AND DEFENCE. S.A.U.

### Electronics, Communications & ICT Sector

Aerospace Industry  
Aerial Systems & Equipment;  
Simulation; Satellite Services; Ground  
Segment

Armament & Ammunition  
Simulation

Electronics, Communications & ICT  
Electronic Warfare; C4ISR;  
Ciberdefence; Surveillance & Security;  
Simulation; ICT

GMV is a privately owned technological business group with an international presence. Founded in 1984, GMV offers its solutions, services and products in very diverse sectors: Aeronautics, Banking and Finances, Space, Defense, Health, Security, Transportation, Telecommunications, and Information Technology for Public Administration and large corporations.

The leadership position that GMV has attained in these sectors is based on an in-depth knowledge of client needs, which allows us to deliver solutions specifically tailored to their individual requirements. GMV offers clients the best solution, fully adapted to their own requirements and including all the support necessary to achieve optimum results at a suitable price.

Certifications:  
ISO 9001  
PECAL/AQAP 2110

### EFORCE TALOS

TALOS is a Fire Support Planning and Coordination System designed to satisfy the NEC requirements of land forces. TALOS can be customized for different levels (Company, Battalion, Brigade, etc.) providing automation of all operations in the battlefield.



## Main Products / Services

### GMV JISR SUITE (ISTAR)

GMV's JISR Suite is composed of:

- IRM&CM Tool: supports Collection Managers in the planning of intelligence, collection/exploitation
- SEISMO: gathers data from multiple information sources in different formats and provides intelligence analysts with the tools required for elaborating useful and appropriate intelligence for all conduction levels in operations.
- CSD: is a multi-user client-server software that provides persistent storage and dissemination of standardized intel products.



### ACCESS CONTROL SYSTEM (SOCRATES)

GMV offers an integrated access- and presence-control and security system designed to control and oversee all access to various zones of multiple centers, allowing control over the employee's working day and managing the integral security of all facilities.



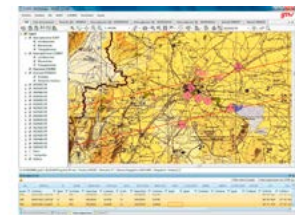
### AVIONIC SYSTEMS (FCC ATLANTE)

The FCC is one of ATLANTE's most critical pieces of equipment, responsible as it is for navigation, guidance and control, with mission-abort capacity. The development of this system also involved the electronic development of cards, thermal and structural design of the system and also the performance of extensive environmental and EMI tests, as well as complex system- and hardware-testing systems.



### EFORCE SIGINT FOR EW

Eforce signint provides to the signal intelligence analysts with the tools to collect and store COMINT and ELINT interceptions. It also allows correlating and fusing that information with available information in order to obtain intelligence products which keep updated the Eletronic Order of battle.







## GTD SISTEMAS DE INFORMACIÓN, S.A.U.

### Land Industry

Systems & Equipment; Auxiliary  
Industry & Spares

### Naval Industry

Systems & Equipment

### Aerospace Industry

RPAS; Aerial Systems & Equipment;  
Simulation; Ground Segment; Satellite  
Systems & Equipment; Auxiliary  
Industry & Spares

Electronics, Communications & ICT  
Electronic Warfare; C4ISR; Surveillance  
& Security; Systems & Equipment;  
Simulation; ICT

158

Paseo García Faria, 17.  
08005, Barcelona (Barcelona)  
Telf.: 0034 934939300  
[www.gtd.es](http://www.gtd.es)

GTD is a hi-tech firm founded in 1987, specialized in high-value mission-critical Systems in Aerospace, Defence & Security applications.

Its main asset is the talent and skill of its more than 300 engineers, built on years of practices in state-of-the-art and cutting-edge projects.

In Security & Defence, GTD offers a wide portfolio of products and solutions: critical SW development, integrated solutions for border control and surveillance; being the most relevant:

- Sniper detection
- Wireless optical comms
- Electro-optical systems for surveillance and targeting
- DO-178/DO-254 certification
- On-board SW
- UGVs for surveillance in hostile environments
- Simulation & CBTs
- Flight Test Instrumentation
- C4I applications
- COMINT & IMINT systems

Certifications:  
ISO 14001, ISO 9001  
PECAL/AQAP 2110, PECAL/AQAP 2210  
UNE EN 9100, CMMI

## EO SYSTEMS

Advance surveillance & awareness systems: flexible SW, high performing operator console, GPS/INU/DC, meteorological station, target tracking, IR/TV/LLTV camera, laser range finder, laser designator, stabilized pan and tilt head.

Optical Communic: open space non-visible optical voice and data links for being use in high bandwidth and RF denial scenarios.

Sniper detection Systems: class1 laser telemeter able to identify optics aiming to the target up to 2 km, providing range or GPS coordinates.



## Main Products / Services

### TRAINING & SIMULATION

Development of models or complete systems for:

- Full Flight Simulators (FFS)
- Computer Based Trainers (CBT)
- Computer Generated Forces (CGF)
- Mission Planning Systems (MPS)
- Real Time Image Generators (IG)
- Full Simulated Cockpits
- Standards (HLA/DIS)



### ON-BOARD SW

Critical DO-178 compliant SW development for on-board avionics and mission systems. DO-178 & DO-254 certification support.

References: IFF (A400M), MMC (A400M), MIDS (A400M, MRTT, FSTA, MP, EF-2000, NH-90, TIGGER), AMS (A400M), CAMU (EF-2000), AC (EF-2000), DAC (EF-2000), WC (TIGGER), Tail BOOM (MRTT), FITS...



### FLIGHT TEST SUPPORT

GTD supports flight test campaigns by:

- Fitting the required instrumentation on the aircraft.
- Developing SW tools for real time data visualization and post-flight analysis.
- Controlling, configuring and operating telemetry and on-board recording equipment.
- Controlling, archiving and distributing test documentation.
- Test flying engineers.



### C4ISR

Through intense, historic involvement in Control Centres development, GTD has progressively committed to methodologies that started representing good-praxis guidelines and have finally become quality standards, as ISO11064.

GTD Control Centres related solutions are:

- System & SW Applications
  - Full design and implementation
  - Refurbishing & upgrades
- And have been delivered in multiple scenarios:
- Space Port and Ground Segment
  - Defence C4ISR
  - Research Facilities - Accelerators





C/ Santiago López González 13.  
47197, Valladolid (Valladolid)  
Telf.: 0034 916407844  
[www.ibetor.com](http://www.ibetor.com)

## IBETOR, S.L.

Aerospace Industry  
Satellite Services; Satellite Systems & Equipment

Electronics, Communications & ICT  
Systems & Equipment

IBETOR is a Spanish company, focused on Satellite and Wireless Communications.

- High performance satcom terminals, compliant with strict military requirements.
- PmP RF technology, based on an open DOCSIS architecture.
- Highly accurate navigation and positioning technology.

IBETOR was founded in 2009, based on a strong team with top expertise. Our engineers have been involved in state-of-the-art SATCOM and telecom initiatives since 1995. Our client base includes military and civil organizations worldwide.

We have developed solid partnerships with sector leaders (Everis, Telefónica, ThinKom, etc.) to provide turn-key solutions to our clients with a strong focus on R&D, IBETOR develops its own technology, providing tailor made solutions.

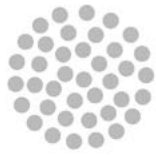
Certifications:  
ISO 9001

## Main Products / Services

### **SATELLITE COMMUNICATIONS IB-SOTM**

The Ib-SOTM is the unique Sat-On-The-Move of the market working in X-Band, with a low profile and with such a high performance. It has been designed to maintain a high-bandwidth link with the satellite in the worst possible environments for a vehicle: all roads and extreme driving conditions. The system is so powerful that they have been achieved throughputs of up to 8Mbps.




**indra**
**INDRA**
**Land Industry**

Systems & Equipment; Simulation;  
Maintenance & Life Cycle Support

**Naval Industry**

Systems & Equipment; Underwater  
Systems; Simulation; Maintenance &  
Life Cycle Support

**Aerospace Industry**

RPAS; Aerial Systems & Equipment;  
Simulation; Satellite Services; Ground  
Segment; Satellite Systems &  
Equipment; Maintenance & Life Cycle  
Support; Auxiliary Industry & Spares

**Armament & Ammunition**

Missiles; Simulation; Maintenance & Life  
Cycle Support

**Electronics, Communications & ICT**

Radars; Electronic Warfare; C4ISR;  
Ciberdefence; Surveillance & Security;  
Systems & Equipment; Simulation; ICT  
Services, Logistic & Auxiliary Industry  
Infrastructures; CBRN

**Consulting & Engineering**

Consulting & Engineering

**Electronics, Communications  
& ICT Sector**

**Avda. de Bruselas, 35. 28108,  
Alcobendas (Madrid)  
Telf.: 0034 914805000  
[www.indra.es](http://www.indra.es)**

Indra is a reference in the defence and security industry thanks to the availability of fully contrasted in-house technology. The company's understanding of its clients and commitment to service, along with its international presence are key competitive factors. Indra applies in all the projects it addresses a series of capacities covering the entire life cycle of its systems: Consulting in analysis of operating requirements, selection of solutions; Design, Development and Manufacturing of products customized to the clients requirements. Systems Integration for real-time management of critical systems; Outsourcing of weaponry systems maintenance; Training Devices for multiple platforms; Maintenance Support throughout the entire life cycle.

Certifications:  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
ISO 14001  
ISO 20000  
ISO 27001  
ISO 9001  
UNE EN 9100

**UNMANNED AERIAL  
VEHICLE**

Indra provides integrated solutions consisting of UAVs Systems Multisensor platform and focused on solving the different needs and strengthen security at missions Intelligence, Surveillance, Target Acquisition and Reconnaissance (ISTAR) for tactical operations of short and medium range, day or night that require rapid deployment and high mobility and portability. Moreover Indra has a family of unmanned crafts: Mini-UAV Mantis, Rotary wing UAV Pelicano.



## Main Products / Services

### AIR DEFENCE SYSTEMS

Indra provides full Integrated Air Defence System which takes the information processed from a Radar Network, allows to the Command and Control the planning and management of the Actuators Network linked through a Communications Network that enables such action.

Also it gives air traffic control in military bases, by integrating 2D radars, approach control and communication management systems, communications devices and navigation aids.



### SIMULATORS

Indra provides training systems for pilots, maintenance staff, various controllers, etc., with high platform behavior replication fidelity. Indra has developed the following type of simulators:

- Fighters, Transport aircraft, UAS, Commercial aircraft , Helicopters.
- Light vehicles, Tanks, 8x8 Vehicles, Railways systems simulators.
- Submarine Simulators.
- Others like handguns and long guns.

Moreover, Indra provides training services with its own simulators under funding agreements.



### SATELLITE COMMUNICATIONS SYSTEMS

SATCOM Solutions are all those networks and civil and military communications terminals, which enable the use of communications satellites for different applications. Indra provides SATCOM networks where there is no ground infrastructure. Indra provides terminal in the X band that is the frequency band reserved for military use and C and Ku bands which are civil frequency bands, and in recent years in the Ka band.



### ELECTRONIC WARFARE SYSTEMS

Indra's electronic defense solutions for efficient use of the electromagnetic spectrum to gain superiority over the enemy in the area of operation (land, sea or air) by three actions: interception, analysis, identification, tracking and location of emitter stations; use of directed energy techniques to prevent the use of spectrum by opposing forces; Protecting themselves against potential adversaries emissions electronic attacks.







Avda. Rita Levi Montalcini, 2.  
28906, Getafe (Madrid)  
Telf.: 0034 913802022  
[www.inster.es](http://www.inster.es)

## INSTER

### Electronics, Communications & ICT Sector

Land Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment

Electronics, Communications & ICT  
Electronic Warfare; Surveillance &  
Security; Systems & Equipment

INSTER was created in 1985. It is a 100% Spanish company. It joined the Group CPs in 2014. Develops its activity, mainly in the sectors of aviation, airport, telecommunications (civil and military), Defense (Control, Communications and System Integration), Maritime and Port, Civil Protection and Engineering. In recent years INSTER has experienced a considerable expansion, by internal growth and increasing its presence in international markets. To do this, we strive to care for and encourage our excellent "human capital" and pay special attention to our standards and approvals, either quality, protection of data or "Clearance".

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### COMMUNICATIONS SYSTEMS INTEGRATION AND COMMAND AND CONTROL IN MILITARY VEHICLES

Guepardo in vehicle RG 31,  
Communications Systems  
Integration and Command and  
Control in Military Vehicles



### COMMUNICATIONS SYSTEMS INSTALLATION

Installation, adjustment  
and development of  
communications systems  
and radio facilities. Earth/Air  
Communication Equipment  
UHF and VHF Trade TELERAD.  
Turnkey fiber optic and radio  
links.



### COMMAND AND CONTROL IN MILITARY PLATFORMS

Integration of Command  
and Control Stations and  
Communications Systems  
in Military Vehicles, shelters  
and other platforms including  
tracking systems, positioning,  
radiant and intercom.





C/ Barbastro, 5.  
28022, Madrid (Madrid)  
Telf.: 0034 913930396  
[www.krc.es](http://www.krc.es)

### KRC ESPAÑOLA, S.A.

Naval Industry  
Systems & Equipment

Electronics, Communications & ICT  
C4ISR; Systems & Equipment; ICT

Specialists in computer and telecommunication engineering solutions. Design and supply of industrial computers, IT maintenance, specialists of military messaging systems, cybersecurity and consultancy.

Electronics, Communications  
& ICT Sector

### SERVER - MEDIUM/ HIGH/ EXTREME PERFORMANCE

Server with medium, high or extreme performance. It is specially designed for critical, corrosive and extreme environments. It is full customized for end user requirements. It works under Windows, Linux and Solaris operating systems.



Certifications:  
ISO 9001  
ISO 14001

## Main Products / Services

### VIRTUAL SERVER

Server for Virtualization and cloud computing. It is full customized for end user requirements. It works under Windows, Linux, and Solaris operating systems, and VMWARE cloud and virtualization software.



### TABLET BIOMETRIC

Biometric Tablet with fingerprint scanner, barcode scanner, NFC communication technology, Contact Smart Card, MRZ Scanner, and GPS. It works under Android operating system. It has a IP65 security protection level (totally protected against dust ingress, and protected against low pressure water jets from any direction [limited ingress permitted]).



### LAPTOP SEMI-RUGGED / DESKTOP & SERVER FUNCTIONALITY

Semi-rugged Laptop. IP 53/ MIL-STD-810G. Totally customized, it works under Windows, Linux, Unix and Solaris operating systems, with desktop or mobile server functionality.



### WORKSTATION

Workstation especially designed for high level simulation platforms. It is full customized, and it can operate under both Windows and Linux operating systems.





**MÁLAGA AEROSPACE, DEFENSE  
AND ELECTRONICS SYSTEMS, S.A.U.**

**Electronics, Communications  
& ICT Sector**

Naval Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment

Armament & Ammunition  
Armament; Missiles

Electronics, Communications & ICT  
Surveillance & Security; Systems &  
Equipment

Avda. Juan López de Peñalver, 12.  
29590, Málaga (Málaga)  
Telf.: 0034 952249200  
[www.mades.es](http://www.mades.es)

MADES delivers development, manufacturing, assembly, test and integration services of complex electronics systems throughout Europe and North America. With more than 20 years of experience supplying advanced technology to major Aerospace and Defense programs and other markets with high reliability applications, supporting the complete supply chain and life cycle of our Customer's products and systems.

Certifications:  
ISO 16949  
ISO 9001  
PECAL/AQAP 2120  
UNE EN 9100  
PRI-NAPCAD

## Main Products / Services

### DEFENSE ELECTRONIC SYSTEMS

MADES offers Test equipment development for their complete systems, including environmental testing, so that final integration of these systems is performed at the maximum compliance level with our customer's requirements.

Our experience includes critical aid systems for navigation, communications, targeting and support to several Aerospace and Defense platforms and applications.



### DEFENSE ELECTRONIC CIRCUIT CARD ASSEMBLIES

MADES offers to its customers one of the best manufacturing plants in this sector, focused on mistake prevention and process control, extremely experienced in critical processes such as conformal coating. Our experience includes telemetry, actuation and other support equipment for European and US missiles, communications, launching systems, sight systems (visible, infrared), targeting, surveillance, etc.



### CIVILIAN ELECTRONIC SYSTEMS

As an extension to circuit card assemblies, our customers prefer a complete solution for their product, which includes functional testing and system integration, very competitively. Our experience includes automotive navigation systems and fleet management, radiofrequency (RF) devices, medical equipment, etc.



### CIVILIAN ELECTRONIC CIRCUIT CARD ASSEMBLIES

MADES' service includes a highly flexible production capacity, very competitive, based on smart process design to achieve an optimum efficiency.

Our experience includes test systems, radio communications, interoperability equipment, vision systems, medical equipment, etc.







## NEXTEL AEROSPACE DEFENCE AND SECURITY, S.L.

### Electronics, Communications & ICT Sector

Land Industry  
Simulation; Maintenance & Life Cycle  
Support

Naval Industry  
Systems & Equipment; Simulation;  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Aerospace Industry  
Aerial Systems & Equipment;  
Simulation; Maintenance & Life Cycle  
Support; Auxiliary Industry & Spares

Armament & Ammunition  
Simulation; Maintenance & Life Cycle  
Support

Electronics, Communications & ICT  
C4ISR; Simulation; Maintenance & Life  
Cycle Support; ICT

Consulting & Engineering  
Consulting & Engineering

Camino Cerro de los Gamos, 1.  
28224, Pozuelo de Alarcón (Madrid)  
Telf.: 0034 917901230  
[www.nads.es](http://www.nads.es)

NADS is a privately held European company established in 2002 that operates into military & aerospace global markets providing innovating solutions of training & simulation, command & control and engineering support services.

Since its inception, NADS has been providing technology and engineering solutions to major European aerospace and military programs. Now, NADS is highly specialized in Training & Simulation as well as Command & Control.

Certifications:  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
UNE EN 9100  
CMMI

## SIMWARE PLATFORM

Software platform to develop and deploy any kind of simulation solution: Live, Virtual or Constructive.



## Main Products / Services

### LVC TRAINING SOLUTIONS

Complex integrated simulation solutions for tactical joint training or mission rehearsal involving federations of simulations, live systems and C4I systems.



### AVIATION SIMULATION & TRAINING SOLUTIONS

Virtual Training solutions for manned and unmanned aerospace systems and their equipment. We cover the full spectrum of training, from the low-end solutions, as a Computer-Based-Trainer/e-learning system, to the high-end solutions, as a flight simulator, Virtual Maintenance Trainer or a Distributed Mission Training Center.



### NAVAL SIMULATION & TRAINING SOLUTIONS

Virtual Training solutions for naval manned and unmanned systems and their equipment, included combat systems. We cover the full spectrum of training, from the Computer-Based-Trainer/e-learning system to the tactical and full mission simulator.



### ARMY SIMULATION & TRAINING SOLUTIONS

Virtual Training solutions for ground manned and unmanned systems and their equipment, included C4I systems. We cover the full spectrum of training, from the Computer-Based-Trainer/e-learning system to the high-fidelity platform simulators and Tactical Simulation Networks.





**NÚCLEO DE COMUNICACIONES  
Y CONTROL, S.L.U.**

Land Industry  
Systems & Equipment

Naval Industry  
Systems & Equipment; Auxiliary  
Industry & Spares

Aerospace Industry  
Aerial Systems & Equipment;  
Simulation; Satellite Services; Ground  
Segment; Satellite Systems &  
Equipment

Armament & Ammunition  
Ammunition; Missiles; Auxiliary  
Industry & Spares

Electronics, Communications & ICT  
Radars; Electronic Warfare; C4ISR;  
Ciberdefence; Surveillance & Security;  
Systems & Equipment; Maintenance &  
Life Cycle Support; ICT

Services, Logistic & Auxiliary Industry  
Infrastructures; Others

Consulting & Engineering  
Consulting & Engineering

172

C/ Vía de los Poblados, 7.  
28033, Madrid (Madrid)  
Telf.: 0034 918073999  
[www.nucleocc.com](http://www.nucleocc.com)

DF Núcleo is an international company which belongs to the business line of "Intelligent Systems" of DF Group.

It operates in the field of engineering, providing turnkey solutions for communication and control systems, with specific products for the Aviation, Maritime, Rail, Energy, Environmental, Security and Defence industries.

In the field of Security and Defence, DF Núcleo is leader in manufacturing and installation of Defence Communication and Control Systems and has wide and proven experience based on proprietary technology, providing Command, Control and Communication; Air and Maritime Traffic Control; Avionics and Vetronics; Military Messaging; and Mobile and Deployable Systems for the Army, Air Force and Navy.

Certifications:  
OHSAS 18001  
ISO 166002  
PECAL/AQAP 2110  
ISO 27001  
ISO 14001  
ISO 9001  
UNE EN 9100

**COMMAND, CONTROL  
AND COMMUNICATION  
SYSTEMS**

DF Núcleo has proven experience and capacity in the design and execution of turnkey Command, Control and Communication projects under military requirements:

Command, Control and Communication Centres-3.  
Communication Centers (CECOM).

Stations, Links and fixed and tactical communication networks.

Land / Air, Earth / Earth and Earth / Sea Communications  
Satellite communication.

HF, VHF and UHF  
Communications.

IP networks.

Communication Management  
Systems.

Military Message Handling  
System.



## Main Products / Services

### AIR AND MARITIME TRAFFIC CONTROL SYSTEMS

ULISES V 5000i allows the management of audio and data resources of an Air and Maritime Traffic Control System, with application in airports, ports, Air Bases, heliports and Command Centers. It is based on VoIP technology in accordance with Eurocae's Working Group 67, providing a digital Communications Management System. In addition to ULISES V5000i, with proprietary design and manufacture, DF Núcleo provides the integration of radio equipment, radio aids, radar, visual aids, etc.



### MILITARY DEVELOPMENT OF ELECTRONIC SYSTEMS (AVIONICS AND VETRONICS)

DF Núcleo has proven experience and capacity to design and manufacture Avionics and Vetronics equipment under military requirements, having produced the generation and power control system for the Eurofighter Typhoon Generation control for aircrafts Control electronics for aerial platforms (manned or not) Control Systems / communications for land vehicles Vehicle electronics Onboard power electronics Monitoring Systems for vital onboard equipment.



### CONTROL COMMUNICATIONS (JAMMERS)

SIGNUM J100 allows the jamming of mobile phone (3G-4G) radio signal, radio transmitters, WLAN, WiMAX, Bluetooth, etc.; efficiently protecting buildings, vehicles and people. Use the Software Defined Radio (SDR) technique, incorporating elements and supporting combined ACTIVE and REACTIVE programmable countermeasure modes. The SIGNUM J 100 Jammer enables radio signals at various frequency ranges to be detected, classified and generated: 20 MHz to 500 MHz, 700 MHz to 2.7 GHz and 3.5 GHz to 5.9 GHz.



### MOBILE AND TACTICAL UNITS

DF Núcleo has proven capacity and experience to carry out turnkey Mobile and Transportable Systems within their Communications and Control Systems field of activity: Command Posts. Portable communication stations (G / A / G). MW mobile radio links. Tactical communication networks. Radio aids. Radio electric Measuring units. Air traffic control Mobile Towers. UAV Ground Control Stations (GCS). Tactical Power Generators.



**TECNOBIT, S.L.**

Land Industry  
Systems & Equipment; Simulation

Naval Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment; Ground  
Segment; Satellite Systems &  
Equipment; Auxiliary Industry & Spares

Armament & Ammunition  
Missiles; Simulation

Electronics, Communications & ICT  
Radars; Electronic Warfare; C4ISR;  
Ciberdefence; Surveillance & Security;  
Systems & Equipment; Simulation

C/ Marie Curie, 19.  
28521, Madrid (Madrid)  
Telf.: 0034 916617161  
[www.tecnobit.es](http://www.tecnobit.es)

TECNOBIT is the division of Advanced Engineering from Oesía Networks Group. It specializes in electronics for the Defense and Security sectors. Our most important areas of business are Avionics, Optronics, Command and Control, Tactical Communications and Secure Communications and Simulation.

Because of the capacity for innovation and the commitment in key technologies, our position becomes stronger day by day in the domestic and international market consolidating our leadership as a supplier of self-developed products. Currently TECNOBIT offers the most innovative solutions in its core business of design, development, manufacture and maintenance of equipments and systems addressing the demanding requirements of its clients.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
UNE EN 9100

**AUDIO MANAGEMENT  
SYSTEM**

The AMS is a digital audio management system for installation on board of airborne platforms. It allows simultaneous management of CLEAR audio and SECURE audio. The system centralizes all the audio assets and intercoms for flight crew. Internal interfaces for interconnecting equipment are based on optic fiber to minimize crosstalk, EMI/EMC and TEMPEST compromising emissions. Different configuration can be installed depending of user needs and platform type without modifications in equipments.





## Main Products / Services

### ARGOS

ARGOS is an electro-optic system providing high performances, intended for navigation, observation and surveillance on fixed ground stations or moving platforms such as ships, helicopters, etc. The ARGOS is composed of a high performance thermal camera, a CCD visible band camera and an Eye Safe Laser Range Finder. Automatic Video tracking can follow designated targets on both bands. The electro-optic sensors system it is mounted on a gyro stabilized platform of four axes.



### LINPRO

The LINPRO is a Link Multi Processor fully developed by us. It is the standard Data Link Processor of the Spanish Navy, and currently is operating in other Armed Forces. LINPRO is the only tactical communications processor can work interchangeably and concurrently on L11 A / B, L16, L22, and JRE and also allows the forwarding of data in different configurations and capacities VMF. The most remarkable feature is the versatility and cost effectiveness of solutions with regard to other Systems.



### TMSDEF

TMS-DEF stands for Secure Mobile Device for Defence Agencies and allows the cipher voice, mail, web navigation and applications in the same phone. It is an end-to-end encryption solution for communications on mobile platforms connected via IP networks: GPRS/EGDE/3G/4G/WIFI/INMARSAT. The Spanish Ministry of Defence and being use since 2009 already deploys TMS-DEF. TMS-DEF is certified by the Spanish Security Agency as Limited Diffusion and by NATO and it is classified as NATO RESTRICTED.



### TITANIUM

The Frequency Jammer TITANIUM is a Compact system for radio-frequency jamming and communication access denial in a huge broad-bandwidth. It is ruggedized packaging, suitable for military applications and designed to stand extreme temperature, humidity, vibration and shock conditions. This system jamming of cell phone signals, programmable with specific sequences for GSM, CDMA and UMTS, both for downlink and uplink jamming. It allows combining multiple cellular phone frequency bands and standards.







**TELECOMUNICACIÓN, ELECTRÓNICA  
Y CONMUTACIÓN, S.A.**

Electronics, Communications & ICT  
C4ISR; Surveillance & Security

Electronics, Communications  
& ICT Sector

C/ Ronda de Europa, 5.  
28760, Tres Cantos (Madrid)  
Telf.: 0034 915147500  
[www.tecosa.es](http://www.tecosa.es)

TECOSA (Telecomunicación, Electrónica y Conmutación, S.A.) is a company specialized in developing complete cycle innovative solutions for the integration of security systems, always aimed to provide the highest level of global security. Our company specializes in the supply and installation and maintenance of electrical installations and it is focused on appliances, devices and security systems.

### **SMITHS HEIMANN - X-RAY INSPECTION SYSTEMS**

X-ray inspection systems of the highest quality, for the search of explosives, weapons and contraband in baggage, mail and freight.



Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001

## Main Products / Services

### WALK THROUGH METAL DETECTOR

Walk Through Metal Detector for the detection of metal masses carried by the inspected people, with a high security level and accurate indication of the position of the metal masses.



### EXPLOSIVE DETECTION - SMITHS DETECTION - IONSCAN

Explosives and Narcotics Trace Detectors, portable or tabletop, able to detect and identify more than 40 different substances, in less than 8 seconds.



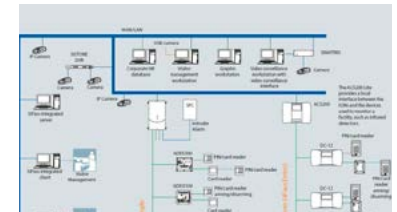
### SITEIQ WA Y SITEIQ ANATYICS

Intelligent Video Analysis also features tamper protection that highlights any sudden changes to the input signal compared with a reference frame.



### CCAA SIPASS, SIPORT, Y LA CENTRAL DE INTRUSIÓN SPC

SiPass® integrated is a powerful and extremely flexible access control system that provides a very high level of security without compromising convenience and ease of access for system users.





C/ Rosa Sensat, 9-11, 6ª Planta.  
08005, Barcelona (Barcelona)  
Telf.: 0034 935830200  
[www.telespazio.es](http://www.telespazio.es)

## TELESPAZIO IBÉRICA, S.L. UNIPERSONAL

### Electronics, Communications & ICT Sector

Aerospace Industry  
Satellite Services; Ground Segment

Electronics, Communications & ICT  
Radars; ICT

Telespazio Ibérica is a leading company in the field of geomatics, aiming at the development of innovative technological solutions with high levels of quality using a highly specialized team.

Telespazio Ibérica offers a wide range of solutions focused on the development and implementation of territorial information systems, based on the convergence of technologies such as GIS, LBS (Location-Based Systems), remote sensing techniques, basic cartography and thematic mapping. The technological solutions, based on different types of platforms, are fully integrated thanks to the long experience acquired in the processing of satellite data and map production.

### SATELLITE COMMUNICATIONS NETWORKS

Design, deployment and management of communications networks in which spatial and integrated land infrastructure. It includes IP broadband services, and Backhauling Trunking, Broadcast satellite services and mobile connectivity.

Certifications:  
ISO 14001  
ISO 9001



## Main Products / Services

### VSAT, CONECTIVITY VIA SATELLITE

Services bidirectional broadband connectivity via satellite. These services use mobile or fixed terminals supported by mobile communications and traveling and offer broadband connectivity in areas where no terrestrial infrastructure.



### DIGITAL CARTOGRAPHY

Digital Cartography: The mapping allows us to visualize the geographic territory through maps that contain layers or sources of information elements of the territory. Such mapping can be derived from orthophotos, mapping generating 2D or 3D, if we add height information to each element or layer. Analysis of the territory through satellite technology with different satellites and different frequency ranges, and map production.



### DIGITAL CARTOGRAPHY 1:000 Y 1:500

Digital Cartography: The mapping allows us to visualize the geographic territory through maps that contain layers or sources of information elements of the territory. Such mapping can be derived from orthophotos, mapping generating 2D or 3D, if we add height information to each element or layer.



### ORTHOPHOTO / ORTHOIMAGE

Orthophoto / orthoimage: The orthophoto is processed from an aerial image (ortho) or satellite (orthoimage) through the process of orthorectification product. This process is a geometric treatment of georeferencing and correction of distortion due to the terrain, which allows measurements over the image like a map.





## THALES PROGRAMAS DE ELECTRÓNICA Y COMUNICACIONES, S.A.

### Electronics, Communications & ICT Sector

Land Industry  
Systems & Equipment

Naval Industry  
Systems & Equipment

Aerospace Industry  
RPAS; Aerial Systems & Equipment;  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Electronic Warfare; C4ISR; Systems &  
Equipment; Simulation; ICT

Services, Logistic & Auxiliary Industry  
CBRN

**Avda. Leonardo da Vinci, 15.  
28906, Getafe (Madrid)  
Telf.: 0034 914532400  
[www.thalesprogramas.es](http://www.thalesprogramas.es)**

Thales Programas, a Thales Group's company specialized in Command and Control systems, Tactical Communications and Modeling and Simulation addressing solutions in the domain of Defense and Security. Thales Programas is Spanish leader in tactical Land CIS (Communication and Information Systems) covering all the product life cycle (design, development, production, ILS). Thales Programas employs a highly specialized workforce of more than 100 people, most of them engineers.

Thales Programas Activities: Communications and Information Systems (CIS) to support Command function and Decision Making, Embedded electronics for military aircraft, Tactical Communications and Radio Navigation Aids for air traffic Surveillance and force protection, Avionics.

Certifications:  
PECAL/AQAP 2120  
UNE EN 9100  
PECAL/AQAP 2110  
PECAL/AQAP 2210  
ISO 14001  
ISO 9001

### NE.ON ADVANCE

A set of systems able to provide a common vision of the battlespace at all levels of command and control and for all the functional areas in order to meet the operational information needs, integrate the Weapon Direction System (WDS), network the sensors, execute the battlefield training simulation exercises and harmonize the communication subsystem. NATO and MIP compliant systems. Suitable for dual operations (civil and military).



## Main Products / Services

### SERVCOM

Tactical router for battlefield communications. It allows the routing of HF, VHF, Satellite and Line of Sight communications in unicast and multicast format. Allows ACL access control as well as the management of QoS and policy based routing with an intuitive graphic management system. Includes TACOMS telephony and services and CNRI radio integration.



### W@TCHER

Wireless control interface for VHF (PR4G) and HF (TRC3700) Thales radios. Composed of a wireless control unit (WCU) that can be carried by the soldier and a Bluetooth adapter connected to the radio to be controlled, it provides an easy way to access the main functions of the different radios. Compact, light and designed to operate under severe conditions.



### GECKO

GECKO-M is the Thales Spain Long Distance Optronic Solution for military vehicles. This solution can be used for many applications such as Route Clearance, border surveillance, etc. The Optronic Head is ready to be integrated in an extensible mast. Two cameras are included (daylight and IR) as well as two laser pointers (NIR and visible) and Laser Range Finder.



### FULMAR

The Fulmar UAS is a highly versatile system, with capabilities for a variety of missions such as mountain search and rescue, illegal traffic monitoring, support to ground forces, intelligence missions, etc. The FULMAR is vital in increasing the armed forces' ISR capability through the use of advanced sensors that can be used both remotely and close to the area of interest. Moreover, Fulmar's high reliability and ease of use provide added value in joint operations.







### **ALCORCE TELECOMUNICACIONES, S.L.**

Avda. General Fanjul, 2 B, Of. 4-8.  
28044, Madrid (Madrid)  
Phone: 0034 917106310  
www.alcorce.es

Spanish Company with more than 15 years in the market.

- We provide solutions and services in ICT sector.
- Working in national and international corporations, this last one on demand.
- We help business to create and support services in Information, Technology and Communications.
- Service Certified Partner: Cisco, Huawei, Juniper, Extreme Networks.

Certifications:  
ISO 9001



### **ARGONET COMUNICACIONES, S.L.**

Rúa Casares Quiroga, 2.  
15179, Oleiros (A Coruña)  
Phone: 0034 981638934  
www.argonet.es

ArgoNet is a leader in the area of Information Technology Company whose mission is to collaborate with the business world to incorporate in the management of emerging technologies, enabling them to gain competitive advantage. ArgoNet, was founded in 1995, 100% Spanish capital, which falls within the service sector, sales and implementation of IT solutions. In ArgoNet, the most important asset are its employees for their technical and academic foundation for their professional experience and continuity for the training plans of the company, which offer guaranteed success in any technology project. ArgoNet specializes in the development of independent information systems environment.

Certifications:  
ISO 20000  
ISO 9001



### **ARTEIXO TELECOM, S.A.**

Pol. Ind. de Penapurreira, Parc. B1-B2.  
15320, As Pontes de García Rodríguez  
(A Coruña)  
Phone: 0034 981455025  
www.arteixotelecom.com

Arteixo Telecom is a company that offers turnkey projects and tailor-made services that fulfill the needs of our customers. We cover the full industrial cycle of many products and solutions: from the design process to the manufacturing, installation, marketing and after-sales service, always complying with the highest excellence standards and specifications.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110



### **AUTEK INGENIERÍA, S.L.**

Avda. de Burgos, 9, Of. 1.  
28036, Madrid (Madrid)  
Phone: 0034 915974629  
www.autek.es

Autek provides, since 1998, information security services and products for those organizations with the most demanding requirements in the defence, security and critical infrastructure sectors. Our focus is on secure information sharing across different security domains. We offer a wide range of products in this field (The secure application-level gateways, PSTgateways) and work in close partnership with our clients in the development of new solutions for their cross-domain challenges.

Certifications:  
ISO 14001  
ISO 20000  
ISO 27001  
ISO 9001  
PECAL/AQAP 2120



### AVANSIS INTEGRACIÓN, S.L.

C/ Cercedilla, 7.  
28925, Alcorcón (Madrid)  
Phone: 0034 902228484  
www.avansis.es

Avansis is a Global Company specialized in Technological Solutions and Services that, in a proactive way, provides an innovative view thus becoming the Technological Partner for its Clients, integrating the best existing Technological Solutions in alignment with the Business' Needs.



### BLANCH INTERNACIONAL & ASOCIADOS, S.L.

C/ Almanzora, 18 C.  
28023, Madrid (Madrid)  
Phone: 0034 917400056  
www.blanch-internacional.com

Blanch Internacional & Asociados (BIA), Spanish based company with offices in Spain and Portugal and 20 years trajectory, is specialized in I+D+D and supply of high technology electronic systems for Defense and State Security Forces with integrated logistic support. BIA is one of the main suppliers of electro optical systems, thermal imagers, laser designators and night vision for the Spanish Armed Forces, our solutions are actually deployed with the Spanish Army, Air Force and Marines. Our capacity for systems integration plus maintenance and our electro-optic laboratory are key factors which ensures life cycle of our products and customer satisfaction.

Certifications:  
ISO 9001



### CENTRO REGIONAL DE SERVICIOS AVANZADOS, S.A.

C/ López Bravo, 1.  
09001, Burgos (Burgos)  
Phone: 0034 947256250  
www.csa.es

CSA was founded in 1996. Since then it has continued to develop its work in service provision and IT and Communications Systems solutions. Our work is centered in the following horizontal activities:

- Engineering and consultancy.
- BPO.
- Support and maintenance of solutions.

Providing services in the technological areas of:

- Communications.
- Security.
- Systems.
- Development.

With our main commercial activities focused on the following sectors:

- Industry.
- Public Administration.
- Banking and Stock Exchange.
- Health and Social Services.

Certifications:  
ISO 27001  
ISO 20000  
ISO 14001  
ISO 9001



### COMPAÑÍA DE INSTRUMENTACIÓN Y CONTROL, S.L.

C/ San José Artesano, 1, Portal 2, 1ª Izda.  
28108, Alcobendas (Madrid)  
Phone: 0034 914595490  
www.cic-systems.com

Design, manufacture, sales, repair, maintenance and installation of equipment and communications systems for civil and military vessels, service control systems, operation, positioning, telemetry and identification systems, radio, cable and satellite communication equipment, etc.

Certifications:  
ISO 9001  
PECAL/AQAP 2110



### COS MANTENIMIENTO, S.A.

Avda. de la Industria, 29B.  
28760, Tres Cantos (Madrid)  
Phone: 0034 912964200  
[www.cosmantenimiento.com](http://www.cosmantenimiento.com)

COS, a IT service company with a 100% Spanish capital structure, has technicians, stores and labs around Spain, included Canary Islands, Balearic Islands, Ceuta and Melilla.

COS offers a wide range of services and solutions (multi-vendor and multi-platform):

- Global Storage, User Care Center + in-person maintenance.
- Peripheral and Systems Maintenance.
- Mainframe: CPUs and Periphery.
- Midrange Systems: CPUs and Periphery.
- Data Center: exploitation and operation, wiring, etc.
- Workplace Maintenance.

COS covers all the equipment life cycle: Supply, layout, distribution, migration, installation and removal equipment. Nowadays, COS employs more than 900 professionals in Spain, Argentina, Mexico and Colombia.

Certifications:  
ISO 9001  
ISO 14001  
ISO 20000  
ISO 27001



### COTECO INFORMÁTICA INTERNACIONAL, S.L.

C/ Cristóbal Bordiú, 35; Of. 406-408.  
28003, Madrid (Madrid)  
Phone: 0034 915347782  
[www.cotecoint.com](http://www.cotecoint.com)

Satellite Communications, IT consultancy services, Talent Research and development, TV&video broadcast and satellite. Video production services.



### DAS PHOTONICS, S.L.

Camino de Vera, s/n, Edif. 8F, 2ª Planta.  
46022, Valencia (Valencia)  
Phone: 0034 963556150  
[www.dasphotonics.com](http://www.dasphotonics.com)

DAS Photonics is a photonics technology company founded in 2005. It develops innovative products based on its proprietary photonic technology for high performance sectors such as Defence, Avionics and Space. DAS Photonics activity ranges from design, development and manufacturing of innovative products based on proprietary photonics technology to marketing and licensing of the technology.

Certifications:  
PECAL/AQAP 2110  
ISO 9001



### ELIMCO SISTEMAS, S.L.

C/ Hispano Aviación, 7-9. P.T. Aeropolis.  
41300, La Rinconada (Sevilla)  
Phone: 0034 954432660  
[www.elimco.com](http://www.elimco.com)

ELIMCO SYSTEMS is a company based in Spain and whose business is mainly engaged in consulting, design, development, construction, implementation and maintenance of information systems in the areas of:

- Information technology
- Engineering and simulation systems (systems control, supervision and monitoring, simulators and test benches)
- Naval Systems (SCOMBA and F105 programs)

Certifications:  
ISO 14001  
ISO 9001



### ELSAT, S.L.

Avda. Hospital, 13.  
28942, Fuenlabrada (Madrid)  
Phone: 0034 917230068  
www.elsat.es

Service company installing networks for voice, data and electricity in the field of computer communications, both in offices and in industrial environments or Campus. Since the installation and maintenance of telecommunication networks (fiber optic, wireless, voice and data ...), video surveillance, implementing the last solutions available on the market, including the design and development of projects and projects and consulting to installation and modification of data processing centers. Through our 20 years of experience in the sector we have been growing in fields like LED lighting, video surveillance, energy management certifications or social networks through our community manager.



### EMPRESA MADRILEÑA DE TELECOMUNICACIONES, S.L.

Avda. Real de Pinto, 87, M.2, NAVE K.  
28021, Madrid (Madrid)  
Phone: 0034 917988865  
www.ematelsl.es

EMATEL S.L. is constituted in 1995 with a strong technological character within a highly specialized market offering a wide range of products and services. Composed by a group of professionals in continuous training with substantial expertise and solvency, the company has a professional track record backed by faithful and satisfied customers. From the outset, the company has been concerned about the quality of all its products and, due to the more and more challenging market environment, this trend has been more accurate during the last years. This quality concern is reflected in the strict compliance of the standards ISO.



### EPOCHE & ESPRI, S.L.

Avda. de la Vega, 1,  
Edif. Veganova, 3, Planta 2, Of. 2.  
28108, Alcobendas (Madrid)  
Phone: 0034 914902900  
www.epoche.es

Epoche and Espri, SLU in an internationally recognized leading Common Criteria IT security evaluation facility and FIPS 140-2 testing laboratory for cryptographic modules. The company is accredited under de CCRA terms in the Spanish and Turkish schemes for the latest Common Criteria version, and also by the NIST Cryptographic Module Validation Program (CMVP) and the Cryptographic Algorithm Validation Program (CAVP). For the ISO counterpart of the FIPS 140-2, the IS 19790, E&E is also an accredited laboratory in Spain, Turkey, and Japan. Our lab is currently on the leading edge of the practical application of the security evaluation and testing, and our business model is based in long term investment with our customers.



### EPTISA TECNOLOGÍAS DE LA INFORMACIÓN, S.A.

C/ Emilio Muñoz, 35, 4ª Planta.  
28037, Madrid (Madrid)  
Phone: 0034 915949500  
www.ti.eptisa.com

Eptisa is global company specialized in engineering, consultancy and information technologies, oriented towards service to the client, applying technological knowledge, innovation and the latest technologies to progress towards a sustainable development of the society to the benefit of people's welfare. We deliver innovative solutions to a variety of sectors (Public Sector, Defence; Telco, Utilities, Bank, Industry and Transport) by implementing Information Systems that improve organizations productivity and competitiveness. Our experience allows us to offer global solutions in different areas of activity (Geographic Information Systems, Enterprise Search, Devices for Mapping & GIS).

Certifications:  
ISO 9001  
ISO 14001



### EVERIS AEROESPACIAL Y DEFENSA, S.L.U.

Avda. de Manoteras, 52.  
28050, Madrid (Madrid)  
Phone: 0034 917490000  
[www.everis.com](http://www.everis.com)

Everis Aerospace, Defense and Security is a multinational group with a sales network around the world to provide global solutions for critical systems in the following industries: aeronautical, defense, simulation, security and emergency, based on engineering developments and own products and third.

As an integrator of advanced technology developed by group's companies we are committed to being a national and international reference in the above sectors, offering solutions and consulting services, definition, design, development, production, integration and integrated logistics support thus ensuring technology transfer in import and export.

Certifications:  
ISO 27001  
ISO 14001  
ISO 9001  
ISO 20000



### EXCEM GRUPO 1971, S.A.

Paseo de la Castellana, 93, 9ª Planta.  
28046, Madrid (Madrid)  
Phone: 0034 914174620  
[www.excem.com](http://www.excem.com)

EXCEM Technologies is a division of EXCEM Grupo, originally a Spanish trading company that since its founding in 1971 by Mr. Mauricio Hatchwell Toledano, has successfully evolved into a diversified international group whose areas of activity include Cement, Telecommunications, Homeland Security & Defense as well as Consultancy and Advisory Services to large organizations.

We create value through our extensive knowledge of international business, our flexibility and our know-how in establishing the correct alliances in local markets. Our commitment to large emerging markets such as China and Israel has positioned the group to participate in the strong growth of these regions in the forthcoming years.

Certifications:  
ISO 9001



### FUNDACIÓN TECNALIA RESEARCH & INNOVATION

Mikeletegi Pasalekua, 2.  
20009, Donostia/San Sebastián (Guipúzcoa)  
Phone: 0034 902760000  
[www.tecnalia.com](http://www.tecnalia.com)

TECNALIA Research & Innovation is the first privately funded Applied Research Centre in Spain and one of the leading such centers in Europe. With a workforce of more than 1,400 highly-qualified people, a 110 million Euros turnover and a portfolio with over 4,000 clients, TECNALIA is determined to change its way of working with companies to promote the transformation of knowledge into wealth. What TECNALIA does? TECNALIA is present in many sectors of society and, therefore, it is immersed in numerous projects and initiatives. The short- and medium-term activities developed by TECNALIA are related to the challenges that our society faces in the medium and long term. The goal is to overcome these challenges through Applied Research and Technologies.

Certifications:  
ISO 14001  
ISO 9001  
UNE EN 9100



### FUTURE SPACE, S.A.

Avda. Tenerife, 2.  
28703, San Sebastián de los Reyes (Madrid)  
Phone: 0034 916586609  
[www.futurespace.es](http://www.futurespace.es)

Future Space is a Spanish software engineering company specialized in the development of innovative solutions within the area of Information Systems, using the latest telecommunications and defense and security technologies, in order to develop solutions and products for critical business oriented systems, for different sectors. We provide our own intelligence solutions both in the Open Sources, BigData and Analytics focused in the Defense Sector. We also develop police information systems and solutions that support and manage the intelligence cycle. Our 15 years of national and international experience has allowed us to become a trusted partner through our value proposal.

Certifications:  
ISO 14001  
ISO 20000  
ISO 9001



### **I.C.A. INFORMÁTICA Y COMUNICACIONES AVANZADAS, S.L.**

C/ La Rábida, 27.  
28039, Madrid (Madrid)  
Phone: 0034 913119844  
[www.grupoica.com](http://www.grupoica.com)

Founded in 1983, 100% Spanish capital, made up 450 professionals, ICA focuses its activity on IT Engineering Projects (Networking, Consultancy, Security, Business Process Engineering, Structured Cabling, Data centers, Software Application Development). ICA as Security and Systems Integrator is a Partner of Leading Technology Companies, and Manufacturers as well as developing its own Security Products: LogICA (SIEM), CuadICA (Balanced Scorecard), PublICA (Compliance), BoxICA (IDS-IPS), StratgICA (Business), Atalaya (Vulnerability Scanner). ICA provides cloud & managed services through its Security and Network Operation Center (SNOC).

Certifications:  
ISO 27001  
ISO 9001  
ISO 14001  
ISO 15504  
CMMI  
ISO 20000



### **INFORMÁTICA EL CORTE INGLÉS, S.A.**

Travesía Costa Brava, 4.  
28034, Madrid (Madrid)  
Phone: 0034 913874700  
[www.iecisa.com](http://www.iecisa.com)

The activities of Informática El Corte Inglés in the Defence industry are structured in three areas: C4ISR Command and Control Systems, for the deployment of own forces in field operations, coordinating the tasks of command, communication between units, intelligence development and reconnaissance. Systems for the collection and relationship of multiple data sources, generating the intelligence information required for planning the operations of deployed forces. Signal Intelligence systems (SIGINT), for the interception, location and processing of signals, with extensive experience in radio communications analysis (COMINT).

Certifications:  
PECAL/AQAP 2210  
ISO 14001  
ISO 20000  
ISO 27001  
ISO 9001  
PECAL/AQAP 2110  
CMMI



### **INTERGRAPH ESPAÑA, S.A.**

C/ Gobelás, 47.  
28023, Madrid (Madrid)  
Phone: 0034 917088800  
[www.ingr.com](http://www.ingr.com)

Engineering and geospatial software Company. Firms and Governments of more than 60 countries trust in our solutions for the industry, to organize great amounts of data in the shape of understandable visual representations and to adopt the most intelligent decisions. Our solutions and services allow for the most efficient way the construction and management of industrial facilities and ships, to smart maps and to protect critical infrastructures and millions of persons all over the world. Integraph is a part of Hexagon, the world's leader provider in design, measurement and visualization technologies that allow customers to design, measure, position objects and process and present data. The purpose of the Company is the purchase of computer equipment and data processing design, providing consulting services, training and maintenance of such equipment.

Certifications:  
ISO 9001



### **JOJACAR TELECOMUNICACIONES, S.L.**

C/ Lérida, 9, Local 1.  
28020, Madrid (Madrid)  
Phone: 0034 915722927  
[www.jojacar.com](http://www.jojacar.com)

Telecommunications JOJACAR is formed by a group of professional engineers and experts in the economic field, aware of the demands of the electrical, electronics sector and particularly in telecommunications. Therefore, in the field of telecommunications, we are specialized in the installation and maintenance of radio - links, HF antennas, infrastructure and associated electronics. We also specialize in intelligent data networks, with installation and certification including structured cabling, fiber optic links next generation as well as the necessary instrumentation.

Certifications:  
ISO 14001  
ISO 9001





### MILETHOS TECHNOLOGIES, S.L.

C/ Manantial, 13, Of. 138.  
11500, El Puerto de Santa María (Cádiz)  
Phone: 0034 956110545  
www.milethos.com

In Milethos Technologies we offer our customers technological framed in the fields of Defense, Automotive, Consumer Electronics and Air Traffic Management Solutions.

Thanks to our commitment to quality and our experience, we define ourselves as specialists in critical information systems widely covering the life cycle of the products of our customers.

Certifications:  
ISO 9001



### SAFELAYER SECURE COMMUNICATIONS, S.A.

Edif. World Trade Center (S4).  
08039, Barcelona (Barcelona)  
Phone: 0034 935088090  
www.safelayer.com

Safelayer Secure Communications S.A. is a leading provider of security software for public key infrastructure (PKI), multi-factor authentication, electronic signature, data encryption and the protection of electronic transactions. Safelayer'selD technology is used in electronic identity projects involving people (corporate users or citizens), connected objects (software systems or hardware devices) and in the adoption of trust services in Internet and mobile communications.

Safelayer currently counts on a distribution network of more than 20 VARs operating in EMEA and LATAM. Our customers and analysts agree that Safelayer's products offer the highest quality and the most complete solutions for PKI - Common Criteria EAL4+ - and for MobileID.

Certifications:  
ISO 166002  
ISO 9001



### SIADDE SOLUCIONES, S.A.

C/ San Máximo, 31, 3ª Planta.  
28041, Madrid (Madrid)  
Phone: 0034 915001455  
www.siadde.es

SIADDE SOLUCIONES S.A. is an Innovator and Global Partner providing technology solutions and services for communications and information technology to private companies and public bodies.

We have distinguished ourselves by developing and implementing "Turnkey projects" and offer the most advanced techniques of integration projects and services, a firm commitment to innovation and continuous improvement in procedures that provide us efficiency and profitability.

We design and implement systems in various ICT fields, managing entire life cycle project and bringing the added value of integration systems capability with global engineering, software development, implementation & installation, actuator, documentation and maintenance.

Certifications:  
ISO 14001  
ISO 9001



### SOFTWARE INGENIEROS, S.L.

C/ Marie Curie, 5, B-7.  
28521, Rivas-Vaciamadrid (Madrid)  
Phone: 0034 914994623  
www.softwareingenieros.com

Software Ingenieros is a young and dynamic company, founded in 1988, with the main objective of developing information systems. We focus our business on serving medium and large accounts of private and government sectors, offering to our Clients the latest solutions and technological developments in the computer world. Our company specializes in systems in Economic Management Administration.

Certifications:  
ISO 27001  
ISO 9001



### TECNOCOM ESPAÑA SOLUTIONS, S.L.

C/ Miguel Yuste, 45.  
28037, Madrid (Madrid)  
Phone: 0034 913533170  
[www.tecnocom.es](http://www.tecnocom.es)

Tecnocom is a Spanish multinational firm listed in the Spanish Stock Exchange since 1987. In 2006 Tecnocom started a corporative expansion project with the goal of becoming a leader in the Spanish field of information technology (around €400 million turnover) with wide experience in high technological level fields such as means of payment or automatization systems.

Certifications:  
ISO 20000  
ISO 27001  
ISO 9001  
ISO 14001



### TELTRONIC, S.A.U.

Pol. Malpica, C/ F-Oeste.  
50057, Zaragoza (Zaragoza)  
Phone: 0034 976465656  
[www.teltronic.es](http://www.teltronic.es)

Backed by over 40 years of experience in the design, manufacturing, and implementation of digital and analog land mobile radio (LMR) projects worldwide on a turnkey basis, TELTRONIC presents a broad portfolio of critical communication solutions for the transportation, public safety, utilities, and industrial sectors based on TETRA, P25, and LTE technologies. Our portfolio also covers end-user applications and systems for Integrated Command and Control Centers and custom surveillance to these markets. TELTRONIC offer includes a complete range of mission-critical products and solutions, including radio infrastructures for TETRA and LTE technologies, mobile terminals, hand-portables, Command and Control Center solutions, video surveillance.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001

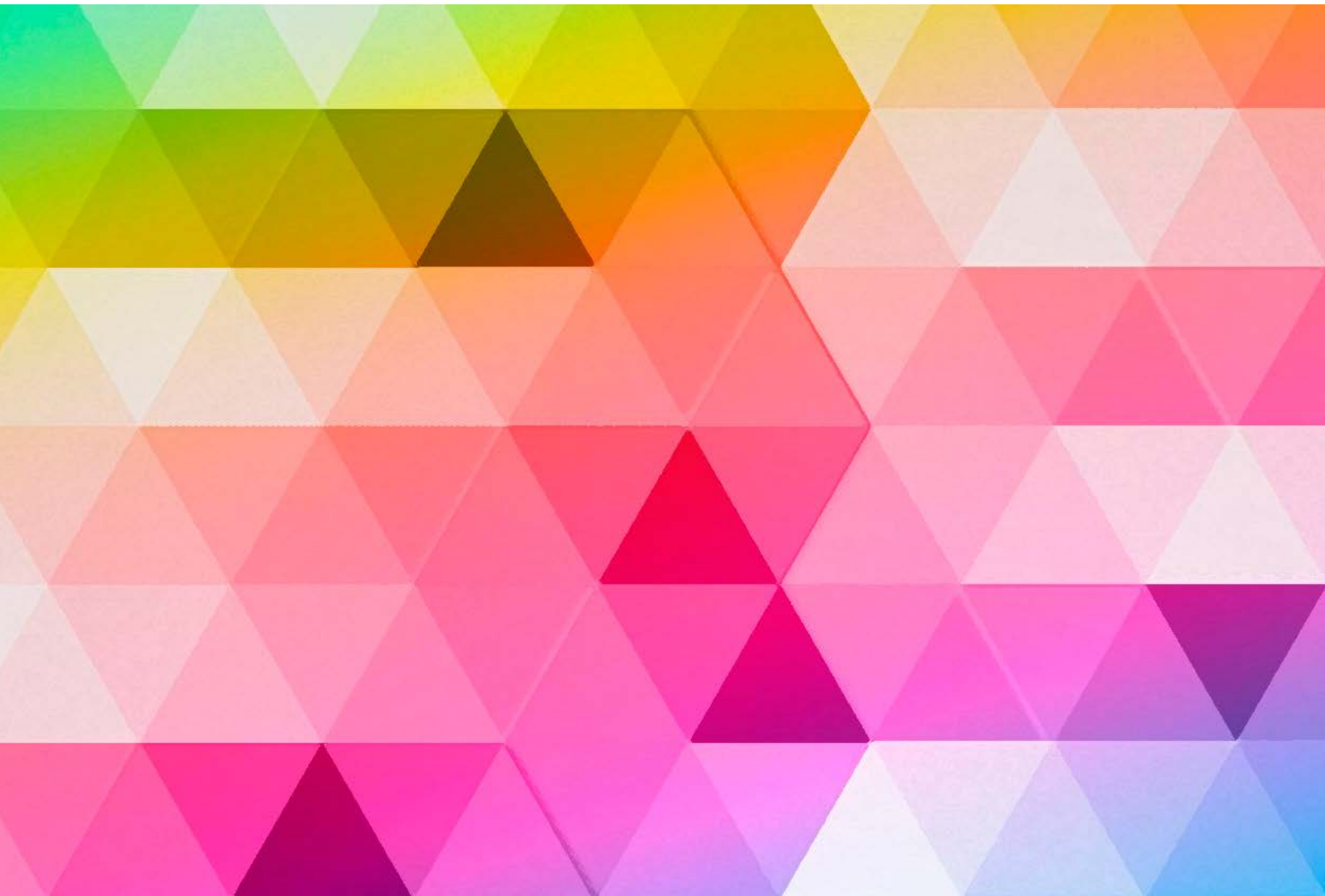


### TICOMSA SISTEMAS, S.L.

C/ Budapest, 108. Pol. Ind. Cabezo Beaza.  
Aptdo: 2.100.  
30353, Cartagena (Murcia)  
Phone: 0034 968324228  
[www.ticomsa.com](http://www.ticomsa.com)

Ticomsa Sistemas, S.L.-your partner technology  
Engineering specializes in the global integration of communication systems, which focuses on the design, installation and maintenance of converged solutions within the areas of:  
- Communications infrastructure (copper, fiber and radio), Data Centers.  
- Voice and Data transmissions  
- Emergencies, Security and Access Control  
- Audiovisual systems  
- Satellite Communications.  
- Special Projects IT/Telecommunications  
The research and development of new products and global integration of systems tailored to our customers, together a highly qualified and flexible working team, allowing to Ticomsa, perform Integration of telecommunications systems of quality to its customers.

Certifications:  
ISO 9001  
ISO 14001





# Services, Logistic & Auxiliary Industry Sector



**Avda. San Martín de Valdeiglesias, 2.  
28922, Alcorcón (Madrid)  
Telf.: 0034 916427042  
[www.grupoalonso.com](http://www.grupoalonso.com)**

## **ALONSO HIPERCAS, S.A.**

Services, Logistic & Auxiliary Industry  
Diet

**Services, Logistic & Auxiliary  
Industry Sector**

The company ALONSO HIPERCAS, S.A. is constituted from 1982, besides both social activities: hypermarket and Select Gifts for Christmas. Another principal activity since, it is the manufacture and supply of all kinds of food packs; Combat Ration Packs, Civil Ration Packs, packages of food and hygiene, for humanitarian help, Survival Ration for trippers, mountain-climbing, as well as requests from Civil Protection, Private and State Organizations, so much in the national territory as abroad.

Our principal clients are the forces and national and international bodies of security and organisms of humanitarian help.

### **INDIVIDUAL RATIONS**

Combat and campaign rations. Individual portions (RIC) All included for consumption, warm, hygiene before and after eating, drinking water, and other food supplements. Rations designed for movements of troops in scenarios of operations, and for logistics, infrastructure and services of outposts needs.

- Breakfast
- Food a, 5 menus and 2 Moslem menus
- Food b, 5 menus and 2 Moslem menus
- Reinforcement
- Emergency ration
- Bread



Certifications:  
ISO 9001

## Main Products / Services

### COLLECTIVE RATIONS

Combat and campaign rations. Collective rations for 10 places. Rations composed of starter and main course; 19 different dishes; hot and cold consumer; halal, etc.

They can be complemented with dessert, preferably fresh fruit.



### RATIONS OF CATERING

Catering rations.



### FOOD AND CHRISTMAS PACKAGES-GIFTS

Our industry experience supports us; we celebrate our anniversary this year. 50 years of dedication in developing and distributing Christmas bundles and baskets.



### FOOD WHOLESALE

HIPERCAS: Wholesale warehouse 5,000 m<sup>2</sup>. Wholesale-HORECA specialists.







## ARPA

Land Industry  
Systems & Equipment

Armament & Ammunition  
Auxiliary Industry & Spares

Services, Logistic & Auxiliary Industry  
Field Logistic; Infrastructures; CBRN;  
Dress & Soldier Equipment; Military  
Health & Medicine; Auxiliary Industry &  
Machinery

194

Pol. Centrovía. C/ La Habana, 25.  
50198, La Muela (Zaragoza)  
Telf.: 0034 902200480  
[www.arpaemc.com](http://www.arpaemc.com)

Equipos Móviles de Campaña  
ARPA designs, manufactures  
and supplies integral and  
comprehensive field logistic  
solutions on diverse types  
of mobile platforms such as  
containers, trailers, modular  
architecture or tents, creating  
innovative solutions for military  
logistics, field hospitals &  
camps supplying global mobile  
equipment: kitchens, modular  
tents, modular architecture,  
ammunition containers, logistic  
trailers, hangars or medical  
infrastructures.

ARPA's solutions are or have  
been deployed in multiple  
international missions for the  
interposition or maintenance  
of peace, being part of  
the logistics of numerous  
International armed forces and  
organizations.

Integral projects are supplied  
totally equipped and ready to  
use (turnkey projects).

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
PECAL/AQAP 2130

## KITCHEN CONTAINER 20'

Kitchen mounted on 2  
containers with capacity for  
250/600 people.  
Electrical or diesel operation.  
One container includes all the  
necessary elements to prepare  
meals, and the other includes  
cooking and distribution  
equipment.  
It includes a field tent to be  
attached to the container  
creating a food distribution  
area.



## Main Products / Services

### FRIDGE CONTAINER

Fridge container (ISO 20' or 10') designed for transport and storage of food. Equipped with a cooling equipment that regulates the temperature inside and keeps it constant with independence of the external temperature. The container is composed of refrigerating chamber and freezing chamber. Stainless steel equipment.



### AIRCRAFT MODULAR HANGARS

ARPA designs and manufactures customized aircraft modular hangars. ARPA carries out turnkey projects which can include all the necessary complements and accessories such as lighting, air-conditioning, power supply, overhead crane, etc.



### LOGISTICAL TRAILERS

Logistical lightweight trailers suitable to cover any logistical support (from feeding, hygiene, energy, to general transport). ARPA manufactures all kind of trailers (kitchens, showers, laundries, refrigerators, water treatment plants, generating sets, etc.) Reliable, with a minimum maintenance, towed by any kind of military vehicle with NATO connection.



### DATA PROTECTION CENTER

A Data Center is an infrastructure where are located the specific installations to host computer servers in a controlled environment in order to achieve that the servers will always be in operation.





## CIMSA INGENIERÍA DE SISTEMAS, S.A.

### Services, Logistic & Auxiliary Industry Sector

Aerospace Industry  
Aerial Systems & Equipment

Services, Logistic & Auxiliary  
Dress & Soldier Equipment

Design, development, production, maintenance and commercializing of textile structures, deceleration, stabilization, lifting, flotation, security systems and communications, positioning and guidance systems, commercializing of technical garments, military parachute components and accessories.

Certifications:  
ISO 9001  
UNE EN 9100  
PECAL/AQAP 2110

Paseo de la Castellana, 115, 3º Izq.  
28046, Madrid (Madrid)  
Telf.: 0034 915631744  
[www.cimsa.com](http://www.cimsa.com)

### C400 AIRBONE TROOP PARACHUTE

The C400 is the most advanced parachute system to be used in big aerial platforms with high drop speeds such as the C-130, the C-17 or the A400M. Its polyconic main canopy 45-foot diameter allows the use up to 150 knots with a rate of descent of 4.92 meters per second with 185 kg suspended weight. Its reserve assembly includes the pre-installation of the newest Automatic Activation Device AAD SLS CYPRES 2 for static line parachutes.



## Main Products / Services

### TP-2Z TROOP PARACHUTE SYSTEM

TP-2Z system makes up the latest development of a new generation of round parachutes to respond to the more specialized tendencies found in operational mission requirements (massive jumps, pin-point landings for special forces teams, etc.) of the parachute forces.

The CIMSA TP-2Z parachute system allows to select from three different canopies of 34 ft, 35 ft and 38 ft. nominal diameter of low porosity fabric MIL-C-44378 Type I with different geometrical and structural characteristics.



### JANUS-400 MULTI-MISSION TACTICAL SYSTEM

The JANUS-400 Tactical System is a Military Multi-Mission parachute system for tandem and solo jumps with versatile ram-air canopies for airborne operations from 25,000 Ft MSL.

The JANUS Multi-Mission Tactical System allows various configurations of the state-of-the-art Plus Tactical Ram-Air Canopies (9 & 11-Cell) with the JANUS-400 Harness/Container System according to the specific task of each user.



### EF-2000 AIRCRAFT BRAKE PARACHUTE

CIMSA Ingeniería de Sistemas manufacture and maintain the complete system and spare parts of Eurofighter Brake Parachute.



### JANUS-300 MULTI-MISSION TACTICAL SYSTEM

The JANUS-300 Tactical System is a Military Multi-Mission parachute system for solo and tandem jumps with versatile ram-air canopies for airborne operations from 33,000 Ft MSL.

The JANUS Tactical System allows various configurations of the state-of-the-art Plus Tactical Ram-Air Canopies (7, 9 and 11-Cell) with the JANUS-300 Harness/Container System according to the specific task of each user.





## DISEÑOS Y PROYECTOS TÉCNICOS, S.A.

Naval Industry  
Systems & Equipment

Electronics, Communications & ICT  
Surveillance & Security

Services, Logistic & Auxiliary Industry  
Infrastructures; Auxiliary Industry &  
Machinery; Others

Services, Logistic & Auxiliary  
Industry Sector

Avda. de la Buhaira, 28.  
41018, Sevilla (Sevilla)  
Telf.: 0034 954680909  
[www.grupoditecsa.com](http://www.grupoditecsa.com)

DITECSA is a company with more than 20 years of experience in engineering, construction, installation and maintenance of industrial projects in diverse areas of Activity:

- Development and Product Engineering
- Comprehensive Execution of Projects and Industrial Works
- Mechanical Installations
- Electricity, Instrumentation and Control
- Comprehensive Manufacture and Logistics
- Surface Treatments
- Industrial Maintenance
- Water and Waste Treatment Plants

Sectors: Energy, Petrochemical, Refining, Cement, Mining, Naval, Iron and Steel, Manufacturing, Leisure, Foods & Beverages, Water and Waste, Automotive.

Certifications:  
ISO 3834  
ISO 9001  
ISO 14001  
OHSAS 18001

## MECHANICAL ASSEMBLY OF EQUIPMENT, MACHINERY AND PIPING.

Mechanical assembly of equipment, machinery and piping.

- Mechanical assembly of equipment and machinery: High requirement equipment (i.e. turbines, mills, boilers, etc.) specially on technical rooms of factories for fluids or gases.
- Installation of pipelines: Supply, Fabrication and erections of any fluid conduction, piping in any material and specification.

The Ditecsa level on this is as a firm homologated for Naval Constructions, Combustible Plants, Energy Power Plants and Biomass Plants.





## Main Products / Services

### INDUSTRIAL MECHANICAL MAINTENANCE

Industrial Mechanical Maintenance

FULL RANGE:

- Corrective Maintenance
- Preventive Maintenance
- Predictive Maintenance
- Modifying Maintenance (improvements)

- Legal Maintenance

SCOPES:

- Mechanical: High requirement equipment (turbines, mills, boilers, etc.). Fluid systems (pipelines)
- Industrial cleaning



### INDUSTRIAL ELECTRICAL MAINTENANCE

Industrial Electrical Maintenance:

FULL RANGE:

- Corrective Maintenance
- Preventive Maintenance
- Predictive Maintenance
- Modifying Maintenance (improvements)

- Legal Maintenance

SCOPES:

- Power Plants
- Substations
- Distribution lines and networks high, medium and low voltage.
- Earthing networks
- Lighting
- Supplies and additional services (Boards, cables, cabinets, etc.)
- Instrumentation and Control: equipment and instruments, systems
- Analyzer systems



### GENERAL MANUFACTURE AND ASSEMBLY OF BOILERS

General Manufacture and Assembly of Boilers

Materials: Carbon steel, stainless steel, stainless, alloys

- Type:
- Pressure vessels
- Manufactured tanks of contingency, storage, filtering
- Industrials hoppers



### PREFABRICATION AND INSTALLATION OF PIPELINES

Supply, prefabrication, installation and surface treatments of pipelines.

Fabrication and erections of any fluid conductions, piping in any material and specification

Materials: Carbon steel, stainless steel, alloys, Polyethylene, polypropylene

Type and application

areas: Water, Steam, Oil, Gas, Compressed Air, Fire Protection, Food Fluids

Sectors: Naval Industry, Energy Industry, Petrochemical, Refining, Cement, Mining, Iron and Steel, Manufacturing, Foods & Beverages, Water and Waste, Automotive.





## EL CORTE INGLÉS, S.A.

## Services, Logistic & Auxiliary Industry Sector

Services, Logistic & Auxiliary Industry  
 Field Logistic; Infrastructures; CBRN;  
 Dress & Soldier Equipment; Auxiliary  
 Industry & Machinery; Consumer  
 Goods; Others

The El Corte Inglés División Empresas is expert in offering solutions to companies and public institutions because we share with our customers their desire to ensure everything important turns out well.

More than 50 years working with professionals from many sectors have given us the experience required to handle all types of projects with high quality and guarantees.

At the El Corte Inglés División Empresas we work hard to get your project off the ground and achieve the desired result. Whether you run a business, hotel, school or a hospital complex, everything is much easier with El Corte Inglés División Empresas because our customers have the peace of mind that comes from being in the hands of an innovative and expert team of people.

Certifications:  
 ISO 14001  
 ISO 9001  
 PECAL/AQAP 2110

## MILITARY UNIFORMS

Meet the protection, safety, comfort and functionality requirements of users as well as transmit the correct image.

- Image
- Work
- Communities
- Footwear and accessories
- PPE

Phases:

- Contact with the customer
- Design and development of the uniform
- Operations management
- Information on operations and logistics



## Main Products / Services

### FITTING OUT PREMISES

Advice on the most suitable equipment, customizing the best solution to achieve the best performance.

- General furniture
- Hospitality
- Health care
- Education
- Office
- Clinic and laboratory



### AUDIO-VISUAL MATERIAL

Provide the customer with all the latest market innovations in electronics, audio-visual and office equipment for your workplace.



### AIR CONDITIONING

We supply comprehensive HVAC solutions (Heating, Ventilating and Air Conditioning), heating and hot water, from domestic systems to bigger centralized systems, solar power, geothermal energy or high-accuracy equipment.



### INDUSTRIAL KITCHENS

Design and installation of the materials required to equip a kitchen according to the needs of each business: restaurants, hotels, communities, residences, schools. When it comes to equipping an industrial kitchen or launderette, it is necessary to consider a series of basic factors, such as work and food flows, current legislation, new technologies and trends. Our team of expert professionals offers advice and services from project planning to delivery of the finished project.



# **ELECTRO RUIZ, S.A.**

**PROYECTOS E INSTALACIONES**

C/ Electricidad, 19.  
28918, Leganés (Madrid)  
Telf.: 0034 916191204  
[www.electroruiz.com](http://www.electroruiz.com)

## **ELECTRO RUIZ, S.A.**

Services, Logistic & Auxiliary Industry  
Infrastructures; Auxiliary Industry &  
Machinery; Consumer Goods; Others

**Services, Logistic & Auxiliary  
Industry Sector**

ELECTRO RUIZ, S.A. began his activity in the year 1985 as company of electrical facilities focused on the industrial and commercial sector. Since then, we have followed a constant evolution, adapting to the new technologies and extending our activities. Nowadays we devote ourselves specially to the design, installation and maintenance of electrical high and low voltage installations, fire protection and telecommunications. We seek to be one of the organizations that better satisfies the needs and expectations of his clients, expiring always with the legal and regulation requirement.

## **ELECTRICAL INSTALLATIONS**

Low-voltage electrical installations: underground and air Networks of Low Tension, industrial facilities, electrical facilities of Low Tension in buildings and commercial center, public system of illumination, automatisms, electricity-generating groups, atmospheric protection.

Certifications:  
ISO 14001  
ISO 9001



## Main Products / Services

### HIGH VOLTAGE ELECTRICAL INSTALLATIONS

High voltage electrical installations: installation and commissioning of transformer, high voltage underground networks, etc.



### MAINTENANCE OF HIGH VOLTAGE ELECTRICAL INSTALLATIONS

Maintenance of high voltage electrical installations: Networks of Half A Tension and centers of transformation.



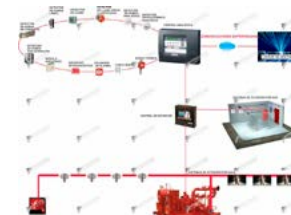
### MAINTENANCE OF ELECTRICAL INSTALLATIONS

Maintenance of electrical installations: electricity-generating groups, electrical facilities of Low Tension.



### FIRE PROTECTION INSTALLATIONS

Protection facilities against fires: automatic Systems of detection of fire, manual systems of alarm of fires, systems of communication of alarm, water supply against fires, equipped Hydrants, column dries, extinction for automatic sprayers of water, extinction for pulverized water, extinction for physical foam of low expansion, extinction for powder, extinction for agents gaseous fire-extinguishers.





Ctra. de Cedeira, Km 2.  
15578, Narón (A Coruña)  
Telf.: 0034 981381900  
[www.elinco.es](http://www.elinco.es)

## ELINCO CONSTRUCCIONES ELÉCTRICAS, S.L.

Naval Industry  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Infrastructures; Auxiliary Industry &  
Machinery

Services, Logistic & Auxiliary  
Industry Sector

Elinco Construcciones Eléctricas S.L. was constituted on the 26 November 1999, although our experience dates back over 35 years.

It was set up with the aim of providing a product that adapts to the needs and peculiarities of every work done in any of the INDUSTRIAL, RENEWABLE ENERGY or SHIPBUILDING sectors.

Due to our aim, there is a great diversity in our activity and our clients, and they have always been satisfied by the quality of our products and services.

Certifications:  
OHSAS 18001  
PECAL/AQAP 2120  
ISO 14001  
ISO 9001  
ISO 166002

## Main Products / Services

### LOW VOLTAGE AND HIGH VOLTAGE INSTALLATIONS

Low voltage and high voltage up to 30 KV installations.  
Fiber optic installations and certifications.  
Structured cabling installations and certifications.  
Electric trace installation.  
Crane and lifting equipment installations.  
Instrumentation system installation.  
Fire detection system.  
Road lighting.



### SHIPBUILDING INSTALLATIONS

Shipbuilding installations.  
Diverse type of works on military and civil vessels and off-shore platforms: cabling and electric connection, assembly of equipment, installation of power, lighting, navigation and communication systems.



### ELECTRICAL INSTALLATIONS

Engineering and design of products tailored to the client's requirements.  
Manufacture of electrical switchboards and control consoles.  
Manufacture of fiber optic connectors, including military connectors.  
Ceremony lights and temporary lighting garlands (our patent).  
Load banks for generator load testing.  
Portable equipment tailored to the client's needs.  
Other electrical equipment required by the client.  
Small structural steelwork to protect electrical switchboards.



### REPAIRS AND MAINTENANCE ON ELECTRICAL INSTALLATIONS

Repairs on electrical installations in vessels, repairs on electric motors, repairs on electrical switchboards, crane and lifting maintenance, industrial sector maintenance, wind farm maintenance.







C/ Acacias, 3.  
28703, San Sebastián de los Reyes (Madrid)  
Telf.: 0034 916523400  
[www.fecsa.net](http://www.fecsa.net)

## FÁBRICA ESPAÑOLA DE CONFECCIONES, S.A.

Services, Logistic & Auxiliary Industry  
CBRN; Dress & Soldier Equipment

Services, Logistic & Auxiliary  
Industry Sector

FECSA is a company belonging to the textile industry founded in 1934, Spanish owned, 130 employees, holding internationally recognized certificates. Our customers are mainly Defense and Security Forces (70%), and Corporate Image (30%), both nationally and internationally, including multi-national organizations.

Our technology is focused on flame retardant clothing, ballistic and stab protection body armors, combat helmets, CBRN suits and ancillaries, weatherproof, camouflage, anti-bacteria, anti-static and anti-mosquito protection, among others.

### COMBAT HELMET

Combat Helmet with ballistic protection: Maximum weight of 1,350 g; V 50 => 650 mm/s; 9 mm Parabellum 425 +/- 15 m/s; Trauma =< 20 mm; 68 °C to -40°C salt water immersion 12h; French aging cycling and solar radiation.



Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### COMBAT BODY ARMOURS

Soft and/or Hard Ballistic Protection Combat Body Armors, according to NiJ procedures; multi area protection; adjusted weight; minimum thickness; improved breathability; molle type strap system.



### POLICE UNIFORMS

Wide range of Police Uniforms and Accessories, from shirts, jackets, trousers, caps, hats, vests, belts, polo shirts, etc.



### FR AIRCREW UNIFORM

FR Aircrew/Pilot Uniform composed of Reversible Jacket and Overall or Uniform. The jacket includes an outer camouflaged fabric and an inner HiVi fabric.



### SLEEPING SYSTEMS

Sleeping Systems manufactured with a great variety of camouflages, including medium weight and light weight sleeping bag, liners, compression sack, vivac roof, mattress, vivac sack. Temperature resistance > -36.





C/ Metalurgia, 53-55.  
08908, L'Hospitalet de Llobregat (Barcelona)  
Telf.: 0034 932234823  
[www.gutmar.com](http://www.gutmar.com)

### **GUTMAR, S.A.**

## **Services, Logistic & Auxiliary Industry Sector**

Land Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment; Satellite  
Systems & Equipment

Armament & Ammunition  
CIED

Services, Logistic & Auxiliary Industry  
Auxiliary Industry & Spares

Precision machining and assembly of high technological value.

Since 1951, Gutmar is specialized on precision mechanics and mounting of high technological level subsets, mainly for the aeronautical, space, robotics and biomedical sectors.

### **BMR SUSPENSION CYLINDER**

Oleo-Pneumatic Suspension System for the BMR Military Vehicle. Own patent.



Certifications:  
ISO 9001  
PECAL/AQAP 2120  
UNE EN 9100

## Main Products / Services

### A400M MILITARY AIRCRAFT LANDING GEAR

Hydraulic Actuators for the  
Nose Landing Gear Door and  
Main Landing Gear Retraction.



### VARIOUS SPARE MACHINED COMPONENTS

Complex, 5-axis milled  
components, made from exotic  
materials (Titanium, Invar) for  
the Space Sector



### HYDRAULIC POWER PACK

Hydraulic group for the  
management of the Rear Hatch  
on the Pizarro military vehicle.



### MECHANICAL ASSEMBLIES

Mechanical, Electrical and  
Hydraulic Assemblies for the  
Defence and Industrial Sectors.





**Pol. Empresarium. Albardin, 9, Nave C-06.  
50720, Zaragoza (Zaragoza)  
Telf.: 0034 976454418  
[www.hispanovema.es](http://www.hispanovema.es)**

## Services, Logistic & Auxiliary Industry Sector

### **HISPANO VEMA, S.L.**

Land Industry  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Field Logistic; Infrastructures; CBRN;  
Dress & Soldier Equipment; Military  
Health & Medicine; Auxiliary Industry &  
Machinery

HISPANO VEMA is a Spanish company, based in Zaragoza (Spain), an expert in creating customized solutions with reliable advanced technology.

In the Defence & Security sector, our services focus on the design, development and manufacture of equipment and integrated systems:

1. CBRN decontamination and collective protection (COLPRO).
2. Logistics shelters and containers (kitchen, laundry, command post, toilets, etc.), semi-permanent tents and hangars.
3. Water treatment plants.
4. Field hospitals, mixed hospital (tents and expandable containers).
5. Mobility Accessories camps and hospitals.

### **SPECIAL SHELTER AND TRAILERS**

Special shelters or trailers customized for multipurpose solutions.



Certifications:  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### CBRN DECONTAMINATION SYSTEM

CBRN Decontamination System (decontamination system for people, vehicles, terrains, surfaces, sensitive equipment) integrated in trailers, tents, shelters and ISO containers.



### FIELD LOGISTIC FOR ARMY OR HUMANITARIAN LABOURS

Field Logistic for army camps or humanitarian labors: tents, shelters, laundry, kitchen, toilets, hospitals, command post, etc.



### SPECIAL SHELTER

Special shelter in aluminum ready to insert technological.



### TENTS FOR MILITARY CAMPS

Multipurpose tents for military camps: semi-permanent, structural tents or inflatable tents. Different configuration and sizes.







**Camino Robledo de Chavela, 9B.  
28210, Valdemorillo (Madrid)  
Telf.: 0034 918990990  
[www.i-4s.com](http://www.i-4s.com)**

### **INNOVATION FOR SHELTER, S.L.**

## **Services, Logistic & Auxiliary Industry Sector**

Electronics, Communications & ICT  
Surveillance & Security

Services, Logistic & Auxiliary Industry  
Field Logistic ;CBRN; Dress & Soldier  
Equipment; Military Health & Medicine

I-4S was created in year 2000 in Madrid (Spain) thanks to a staff with a 20 years' experience in military and emergencies markets for field logistic equipment design and CBRN. Most of our customers belong to NATO countries. Our activity includes manufacturing, sales and maintenance of soft-walled shelters with quick-erect external frame system, field logistic accessories and CBRN Defense products. All for applications such as Base Camps, Command Posts (TOCs), Field Hospitals, CBRN DECON units, CBRN Collective Protection Command Posts (COLPRO) and CBRN individual protection. We have frame agreement eCat1 contracts running with NSPA (nº LB-IFS-01) for our tents.

Certifications:  
ISO 14001  
PECAL/AQAP 2120  
ISO 9001

## Main Products / Services

### TV RANGE TENTS

TV soft-walled shelter is a modular external frame system. Set-up and fold-down are safe, quick (4') and easy, without tools needs. Big internal space due to new vertical walls. Same doors for interconnection with all other ranges of tents. Can be used for all applications (TOCs, Field Camps and Hospitals, COLPRO), and allow standardization within different customer Units. Logistics benefits: weight, folded volume and handling. Models: T18V (3x6 m), T36V (6x6 m), T54V (9x6 m).





**Avda. de Finisterre, 309.  
15008, A Coruña (A Coruña)  
Telf.: 0034 981252700  
[www.invertaresa.com](http://www.invertaresa.com)**

### **ISOWAT MADE, S.L.**

Naval Industry  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Infrastructures; Auxiliary Industry &  
Machinery

**Services, Logistic & Auxiliary  
Industry Sector**

Created in 1964, Isowat is part of the Spanish corporate group Invertaresa. Its department of energy offers specific solutions, both at a national and international levels, for electrical substations and electrical power distribution and transport networks, through a large range of first-level products, designed and made by its different production units, as well as complementary services with a high added value.

At present, Isowat is one of the reference companies in the electrical industry and one of the three major Spanish integrating participants of the sector.

Isowat's main activity is the design and making of electromechanical products and equipment for the electric power, industrial, building, infrastructure.

Certifications:  
ISO 14001  
ISO 9001

## Main Products / Services

### **ELECTRICAL, INDUSTRIAL AND NAVAL FACILITIES**

Design and making of electromechanical products and equipment for the electric power, industrial, building, infrastructure and naval sectors.



### **STEEL STRUCTURES FOR PHOTOVOLTAIC INSTALLATIONS AND THERMOSOLAR MARKET**

Design and manufacture of steel structures for photovoltaic installations and thermosolar market.



### **GALVANIZED STEEL TOWERS FOR OVERHEAD POWER LINE FOR TRANSPORT AND DISTRIBUTION**

Galvanized steel towers for overhead power line for transport and distribution.





**Avda. Roberto Osborne, 5.  
41007, Sevilla (Sevilla)  
Telf.: 0034 670990979  
[www.iturri.com](http://www.iturri.com)**

## ITURRI, S.A.

Land Industry  
Vehicles; Systems & Equipment

Aerospace Industry  
Maintenance & Life Cycle Support

Services, Logistic & Auxiliary Industry  
CBRN; Dress & Soldier Equipment;  
Auxiliary Industry & Machinery; Others

Services, Logistic & Auxiliary  
Industry Sector

The ITURRI Group is committed to specialization and offers solutions with added value for the continuous improvement of products and services for the benefit of our customers.

We are focused on helping our customers in the field of security and protection of people, processes, assets and the environment.

We are committed to the manufacture of technical workwear, military clothing, footwear and ballistic protection; fire fighting vehicles with a highly technical and innovative content and the integrated service of equipment and solutions, always seeking to aid our customers.

Certifications:  
ISO 166002  
OHSAS 18001  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

### VIM 4X4 TRUCK

Truck VIM 4x4 BB Model TGS 18,400 (4x4) with engine Euro 5. Engine Power 400 hp (294 kW) at 1,900 rpm. Maximum torque 1,900 rpm 1,000-1,400 NMa. Astronic transmission system and automatic transmission ZF 12 AS Tipmatic. ZF power steering servo. Barkematic drum brakes and ABS brakes. Front and back suspension. Diesel tank 220 liters.



## Main Products / Services

### COMBAT BOOT ASSAULT

Military Operational footwear, for use in combat and assault. Multiarea. Boot of Half a cane, with system of closing with hooks of closing. Made by means of direct injection to the cut.



### JACKET COMBAT COLD WEATHER

Water suit Changed color Light: wide and light Garment. Protection of the outdoors with great confort for its lightness and breathability. Central repellent zipper to the water. Fleece inside collar for greater comfort. Adjustment with elastic cord and tankas, and elastic adjustment in the fists. Resistance water steam (UNE-EN 31092). Impermeability (UNE-EN 20811). Resistance to the water steam. Certificate OEKOTEX Standard 100.



### FIREPROOF OVERALLS

Garment protection to the professional personnel of the fire. Certified as EPI: procedure IN ISO 11612:2008 (clothes protecc. against heat and flames) and IT (HE, SHE) JOINS IN 15614:2007 (clothes protecc. forest firemen). Main cloth high ripstop mechanical resistance. Low part (report) legs: special fabric protection against incandescent materials. Fireproof tape of rescue conceals partly top back. Retroreflective and auto-extinguishable bands in forwards, back, sleeves and legs.



### FIREPROOF LIGHT COMBAT GLOVE

Flame retardant, light, short combat glove. Great adaptation to hand and superior dexterity (level 5). Back and between fingers made of Nomex®, with leather reinforcement on fingers. Reinforcement for impact protection. Stiff knuckle protector. Leather ribbon with Velcro tab at the cuff. Thumb with reinforcement for better grip. Leather palm, with leather reinforcement for greater grip and flexibility. Knit made with abrasion resistant ceramics.







C/ Isaac Newton, 3.  
28760, Tres Cantos (Madrid)  
Telf.: 0034 918039699  
[www.parafly.com](http://www.parafly.com)

## PARAFLY, S.A.

Aerospace Industry  
Aerial Systems & Equipment

Services, Logistic & Auxiliary Industry  
Dress & Soldier Equipment

Services, Logistic & Auxiliary  
Industry Sector

PARAFLY, S.A. is a Company of entirely Spanish capital, founded in 1986, specialized in the design, development and manufacture of different textile based equipment for military applications, as well as different accessories and complementary mechanic, pyrotechnic and electronic systems.

Within its sector, PARAFLY, S.A. is considered as one of the top ten worldwide companies with greater technologic and innovation capacity, having taken part in important national and international projects individually or as subcontractor. As example we can mention having been selected by the PENTAGON, as a company of scientific and technological interest, or our participation as OFFICIAL CONTRACTORS on the program EUROFIGHTER.

Certifications:  
ISO 9001  
PECAL/AQAP 2110

## TROOP PARACHUTES

PARAFLY, S.A. produces the complete range of training and combat parachutes for parachute troops. We have our own training and combat parachute designs, among others, as well as its respective reserve equipments. Within this activity we can highlight that one of our own designs has been selected by the U.S. Department of Defense to take part in the FCT program (Foreign Comparative Testing), for the ATPS project (Advanced Tactical Parachute System).



## Main Products / Services

### CARGO PARACHUTES

PARAFLY, in the year 1998 has begun the production of the bigger range cargo parachute, denominated G -11. This fact has allowed us to include in our production engineering the most complex processes for the production of these giant parachutes, closing this way the parachute range manufactured from the smallest until the biggest. At the present time we manufacture the complete range of cargo parachutes, being supplying of NSPA-NATO.



### PERSONAL BALLISTIC PROTECTIONS

Since 1990 our company has made a great effort to advance within this field, achieving in 1993 the launching into the market of a revolutionary product. With the STRATUM technology, PARAFLY was the first company in achieving, with a compound of different raw materials, to reduce the weight of a bullet proof vest by 40%, with the same protection level than a conventional armor. With this kind of technology, we have been progressing in this development line with a wide range of products.



### UAV RECOVERY SYSTEMS

Regarding UAV's recovery systems, PARAFLY, has participated in the Spanish most outstanding projects. SIVA Recovery system. ALO Recovery system. ALBA Recovery system. SCRAB Recovery system. PARAFLY gets with these projects another landmark, achieving the world most advanced UAV's recovery systems, with a considerably reduced weight and volume, compared with systems of the same nature.



### BRAKING-BOMBS PARACHUTES

PARAFLY, is the unquestionable leader at a national level, with a great experience in the development, production, integration and maintenance of complex systems of parachutes, stabilizers and their complements for different kinds of aircraft armament, braking or super braking and for different types of illuminating ammunition. PARAFLY has the enough capacity to cover the current needs of the different armament industries in this sector.





## QUATRIPOLE INGENIERÍA, S.L.

### Services, Logistic & Auxiliary Industry Sector

Land Industry  
Vehicles; Systems & Equipment;  
Maintenance & Life Cycle Support;  
Auxiliary Industry & Spares

Naval Industry  
Systems & Equipment

Aerospace Industry  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Surveillance & Security; Systems &  
Equipment; ICT

Services, Logistic & Auxiliary Industry  
Infrastructures; CBRN; Auxiliary  
Industry & Machinery; Consumer  
Goods; Others

Sierra Elvira, 23. Pol. Ind. El Álamo.  
28946, Fuenlabrada (Madrid)  
Telf.: 0034 918720190  
[www.quatripole.com](http://www.quatripole.com)

QUATRIPOLE is a technological company specialized in design, development, and manufacturing of tailor-made solutions and services for Defense, Security, Aerospace and Environment markets, offering high value added solutions for more than 20 years. Everis Group is one of its shareholders. Our main customers are the Ministry of Defence (Army, Navy, Air Force, Emergency Military Unit [UME]), with participation in Defense R&D Centers and R&D Programs); the Ministry of Environments, and the Ministry of Security.

We have two major initiatives:

- Diversification programs: A fundamental line for middle and long term business growth.
- Research & Development projects: Development and participation in Spanish and international R&D initiatives.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2110

### OVERHAUL AND UPGRADE LEOPARD ARMoured COMBAT VEHICLES

Overhaul and upgrade of LEOPARD armoured combat vehicles. Overhaul and upgrade of LEOPARD armoured combat vehicles. Quatripole Ingenieria in a joint venture with RLS is actually carrying out the preventive and corrective maintenance of the Spanish LEOPARD 2E and 2ER vehicles during years 2013, 2014 y 2015, in a Framework Contract number 2 0911 13 0026 00.



## Main Products / Services

### RUNWAY SWEEPERS

One of the primary functions of the multi-task sweeper washer is the cleaning of oil and grease from aircraft parking stands which, when wet can become dangerous and slippery. Our multi-task sweeper washer quickly cleans and de-greases the surface making it ready for immediate use.



### TECHNOLOGY RISK INTEGRATED SYSTEM

Technological hazards program of Emergency Military Unit (UME) has the main objective to provide and implement a Technology Risk Integrated System (SIRT) for CBRN emergency response and management. It is integrated by sensitive material decontamination system, reconnaissance light vehicle, heavy material decontamination system, rapid response system, water treatment plant, and personal protective equipment.



### OVERHAUL AND UPGRADE OF WHEELED AND TRACKED ARMORED PLATFORMS

Consists in 3<sup>rd</sup> level upgrading, overhaul, spare parts assembly, and assistance.



### CBN WEATHER STATION

The most rugged weather station available is imperious to airborne chemicals and designed to be deployed directly in the hot zone.





C/ del Tesoro, 3, 5, 7, Sector P-5.  
19171, Cabanillas del Campo (Guadalajara)  
Telf.: 0034 949329602  
[www.go2uti.es](http://www.go2uti.es)

### **SERVICIOS LOGÍSTICOS INTEGRADOS, S.A.**

Electronics, Communications & ICT  
ICT

Services, Logistic & Auxiliary Industry  
Services

**Services, Logistic & Auxiliary  
Industry Sector**

In 2002 Integrated Logistics Services S.A. it merged with the UTI Group Worldwide. UTi is a Global Logistics Operator that offers integrated management for the supply chain through the provision of a wide range of services such as international freight (air, ocean and road), customs clearance, national storage and distribution, added value activities, consulting and the development of customized information systems. We are a Global Logistics Operator with a strong service, innovative and commitment spirit. We cherish long-term relationships and trust with the commitment to "Deliver competitive advantage to each of our CLIENT's supply chains". All this, together with quality systems and measurable processes to achieve continuous improvement and customer satisfaction.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2110  
ISO 28000



## Main Products / Services

### LOGISTICS SERVICE

We design and implement solutions for our clients to improve the visibility and reduce their general logistics costs, providing support to the whole supply chain with a wide range of products and services: Air and Ocean freight forwarding services, Contract Logistics services, Customs Brokerage services, Distribution and Managed Transportation services and Supply Chain Analysis and Consulting services.



### TRANSPORT SERVICE

We deliver solutions covering all facets of the shipping and distribution process, creating value for clients by providing asset based transportation services, freight brokerage solutions, transportation management and network optimization services. Our balanced portfolio of transport services (distribution and transport-air, ocean and road; as well as other specialized services) allows us to develop tailor-made solutions with the objective to meet our client's diverse supply chain requirements.



### WAREHOUSING SERVICE

In addition to standard warehousing services, we offer a wide range of solutions: automation, consolidation, cross docking, deconsolidation, decontainerization, e-fulfillment, kitting and assembly, manufacturing support, repair and refurbishment, sorting, value-added services and vendor managed inventory.



### COMMUNICATIONS AND INFORMATION TECHNOLOGY SERVICE

At UTi we understand technological advances as a key to success in the present and the future. And through the alliance with technological partners internationally acknowledged, we have specialized in designing information systems and integration of the variety of different technologies, taking advantage of the latest technological developments concerning the Internet.







C/ Marqués de Monteagudo, 24.  
28028, Madrid (Madrid)  
Telf.: 0034 913610041  
[www.sintersa.es](http://www.sintersa.es)

### **SISTEMAS DE INTERCONEXIÓN, S.A.**

Land Industry  
Systems & Equipment

Naval Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment

Armament & Ammunition  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Auxiliary Industry & Machinery

SINTERSA (Sistemas de Interconexión) born in 1987. With more than 140 employees, It is today a Tier1 direct supplier of electrical interconnections for Airbus Defence & Space. SINTERSA designs, manufactures and assembles harnesses and military and aeronautical equipment, both in Madrid (3,500 m<sup>2</sup>) and Seville (1,500 m<sup>2</sup>).

SINTERSA has all kind of certifications and is present in the main aeronautical and military projects at international level (Airbus, Boeing, GD, Navantia, Sener, Tecnobit, CESA, Oto Melara, etc.).

SINTERSA has production engineering capacity, aeronautical assembly, as well as EMI/RFI shielding technology, wire laser marking, continuity and insulation testers, tooling repair and calibration.

Certifications:  
UNE EN 9100  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### ELECTRICAL HARNESSES & SUBASSEMBLIES

Electrical harnesses and subassemblies for military vehicles, electronic war, 3D radar, missile, communication racks, power harnesses, signal and fiber optics. Manufacture wiring harnesses for high performance and adverse environmental conditions (Weatherproof, temperature -55 °C to 200 °C; Resistant to hydraulic fluids; vibrations, EMI/RFI requirements), and wiring tactical field deployment systems. SINTERSA guarantee the highest quality levels due to the most automated means of production.



### MILITARY CONNECTOR

Circular connectors under Military spec for power supply, signals: MIL - 5015; MIL-C-26482, MIL-DTL-38999. Tactical net Connectors and fiber optics: RJFIELD, EXPANDED BEAM, TFOCA. Manufacturing 24-48 hour delivery. Custom connector design, especially for high temperature resistance, vibration, pressure requirements. Connectors in aluminum, stainless steel, brass. Plating cadmium, nickel or ROHS spec: Black Zinc Nickel. Rectangular connectors type (ARINC, M24308). Accessories for connectors.



### CRIMPING TOOLS

Crimping tools for any contact for connector assembly. Tools manufactured under military spec (M22520). Special striping machines for twisted pair cables. Military Cord and tapes for harnessing. Band-it machines and torque for braid backshell finishing. Shrinkable material heat tools. Tensile Test Systems machine for crimping retention test. Go/no go gage for calibration. SINTERSA offers tools and harnessing process information for military electrical cables.





C/ Marqués de Monteagudo, 24.  
28028, Madrid (Madrid)  
Telf.: 0034 913556006  
[www.scp-sa.es](http://www.scp-sa.es)

## **SUMINISTROS DE CONECTORES PROFESIONALES, S.A.**

### **Services, Logistic & Auxiliary Industry Sector**

Land Industry  
Systems & Equipment

Naval Industry  
Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment

Armament & Ammunition  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Systems & Equipment

Services, Logistic & Auxiliary Industry  
Auxiliary Industry & Machinery

SCP (Suministros de Conectores Profesionales), since 1985 is the most important military circular connector manufacturer in Spain.

SCP has more than 3,5 € millions stock for the distribution of all kinds of connectors, special & milspec cables, military and aerospace crimping tools, electrical testing machines, identification systems for cables, heat shrinkable materials, electrical harness accessories for military and aerospace markets.

Located in Madrid, Barcelona, Seville and Lisbon; SCP is present in the main European military and aeronautical projects.

Certifications:  
UNE EN 9100  
ISO 9001  
PECAL/AQAP 2110

## Main Products / Services

### ELECTRICAL CONNECTORS

SCP manufacture in Spain aeronautical & military circular connectors according to MIL-DTL-38999 Series III (SCPTV) and MIL-C-5015 connectors Thread-SCP / MS and Bayonet (SCPB) VG95234. Delivery two weeks and express delivery service 24/48 hours.

SCP has stock and technical knowledge of electrical connectors and accessories for interconnections. Circular or rectangular connectors, power, signal or fiber optics, or for tactical communications for onboard equipment.



### TOOLS FOR CONNECTOR ASSEMBLIES

SCP designs and distributes custom made CONNECTOR ASSEMBLY KITS, composed by crimp tools manufactured under military specifications and insert and extraction contacts tools, turrets and crimp dies for each connector military norm; safe-T-cable, etc. Our KITS from DMC tools are employed by all aeronautic and military manufacturers all over the world. SCP also offers repair and Calibration services from DMC - Daniels Manufacturing Corporation.





C/ Fernández de la Hoz, 46, 3ºB.  
28010, Madrid (Madrid)  
Telf.: 0034 926514074  
[www.tolpinsa.com](http://www.tolpinsa.com)

## TOLPIN, S.A.

Services, Logistic & Auxiliary Industry  
Field Logistic; Infrastructures; Others

Services, Logistic & Auxiliary  
Industry Sector

TOLPIN, S.A is a company specializing in the production and marketing of wholesale and retail textile products for 40 years. It has focused its activity on the production of light and heavy textiles and the production and preparation of vinyl fabrics. We have machinery for the manufacture of high precision and machinery specializing in PVC by high-frequency welding. We work making industrial products: Deposits of different capacities to store water; Awnings and tarpaulins for vehicles in the army; Camping equipment such as lockers and camping bunks; Tents with external structure made of aluminum whose assembly is 2 min 30 s.

### TENTS WITH EXTERNAL STRUCTURE MADE OF ALUMINIUM WHOSE FAST ASSEMBLY

Modular tent with Exterior Structure TMP of 36 m<sup>2</sup> and TMP of 54 m<sup>2</sup>, made of PVC fabric, with aluminum structure and joints. Equipped with two side and two front windows. Assembly in 3 minutes by 4 people TMP of 36 m<sup>2</sup> and assembly in 4 minutes by 4 people TMP of 54 m<sup>2</sup>. Tent that connects four TMP tents 18 m<sup>2</sup>.

This type of tent is used to connect four tents of the model TMP of 36 m<sup>2</sup> and TMP 54 m<sup>2</sup>, crosswise, setting up a Brigade Control Station based on these tents.



Certifications:  
ISO 9001  
ISO 14001  
PECAL/AQAP 2120

## Main Products / Services

### AWNING FOR MILITARY VEHICLE AND FOR MILITARY TRAILER

Awning for military vehicle.  
Awning for cab and military vehicle body made of khaki canvas in accordance with regulations of the ministry of defence.  
Awning for military trailer.  
made of camouflaged canvas.  
It can be produced at different heights.



### DEPOSITS OF DIFFERENT CAPACITIES TO STORE WATER

Rectangular flexible deposit.  
Rectangular flexible container for storing water with capacity from 500 l to 25,000 l. Made with PVC fabric with IR and ADB treatment.  
Circular deposit.  
Circular tank with capacity of 10,000, 15,000 or 20,000 l. Made with PVC fabric with IR and ADB treatment.



### BEDS

Beds.  
Double campaign bunk.  
Double campaign bunk with galvanized steel structure. It is made of polyester cotton fabric.  
Triple campaign bunk bed made of polyester cotton fabric and with structure made of galvanized steel.



### DOUBLE CAMPAIGN LOCKER

Double campaign locker.  
Double campaign locker with zippered opening and internal division, equipped with tray.  
Galvanized Steel structure.







**UNIÓN CASTELLANA DE ALIMENTACIÓN,  
UCALSA, S.A.**

Services, Logistic & Auxiliary Industry  
Field Logistic; Infrastructures; Diet

**Services, Logistic & Auxiliary  
Industry Sector**

**C/ Oquendo, 23, 4ª Planta.  
28006, Madrid (Madrid)  
Telf.: 0034 917813780  
[www.ucalsa.com](http://www.ucalsa.com)**

UCALSA is an Integral Management Service company which operates on the national and international scope, with special emphasis on difficult or conflict areas. UCALSA is in charge of services (supply, catering, quality of life, waste withdrawal, transport), as well as service infrastructure (design, engineering, construction, operation and maintenance). UCALSA is a responsive company, with experience in big projects and in critical situations (wars, natural disasters, instability), that is why it incorporates risk in its plan of action. UCALSA's mission is to provide the necessary services so that the clients are able to focus on their main activity.

Certifications:  
ISO 14001  
ISO 22000  
ISO 9001  
OHSAS 18001

## Main Products / Services

### FIELD RATIONS

UCALSA is a leading company in quality, sales and distribution of field rations for emergency situations and humanitarian catastrophes:

- Individual rations Single Daily
- Family Rations
- Multiple rations Customized packages

According to collectives / weather UCALSA elaborates field rations adapted to the diverse cultural conditions of the users: Western, Hindu, Vegetarian, Halal (Muslim).



### CATERING SERVICES

UCALSA is a leader in the catering sector and offers tailor-made solutions for specific requirements. We specialize in the integral management of catering services, both in Spain and abroad.

Group catering services must take into account the specific features -cultural, social, local, of the group that it is to serve, including the preparation of foods packets bases on personalizes diets.

UCALSA has the proven capability of installing a restaurant in the middle of a dessert.



### UCALSA SOCIAL AND HEALTHCARE SERVICES

UCALSA is formed by a technical team of professionals with expertise on design, planning and management of a wide range of services with social and healthcare character. Its programs are focused on vulnerable collectives and/or in social risk situation: elderly people, largely dependents, immigrants, patients with Alzheimer's disease, disabled, childhood, etc.

Currently, UCALSA Servicios Socio-sanitarios Services delivers more than 4,000 meals daily to dependable people all around the country.





### AIR-RAIL, S.L.

C/ Alsasua, 16.  
28023, Madrid (Madrid)  
Phone: 0034 902202628  
[www.air-rail.org](http://www.air-rail.org)

Air Rail is a company specializing in the importation of airport, railway, port, and industrial equipment. We represent the leading manufacturers in each sector and we have more than 1,700 machines in operation with more than 200 customers in 7 countries. Thanks to the trustworthiness of our manufacturers, we are leaders in aircraft ground support equipment, hydraulic port cranes, and railroad shunting equipment. The high performances of our machinery combined with the high level of expertise of our team of professionals and the quality of our customer support service have made us a benchmark in the sector and the supplier of choice for a substantial portfolio of customers.

Certifications:  
ISO 9001  
ISO 14001



### ARIES INDUSTRIAL Y NAVAL SERVICIOS, S.L.U.

C/ Guzmán el Bueno, 133.  
28003, Madrid (Madrid)  
Phone: 0034 915339200  
[www.ariesnaval.com](http://www.ariesnaval.com)

Aries Industrial y Naval Servicios, S.L.U. was founded to satisfy the services in the marine and naval sectors. We later expanded to other industry market. Our long existence is due to our experience and our customer's satisfaction, the credibility and reliability that we give to our customers. Sales of equipment, technical consultancy, marine engineering, maintenance, laser tracker measurement. Business areas: NAVAL: marine and navy. RENEWABLE ENERGY: thermo-solar, offshore wind energy. AERONAUTICAL, WASTE RECYCLING: Sales of equipment, assemblies, spares and technical assistance.

Certifications:  
ISO 9001



### ARIETE SEGURIDAD, S.A.

C/ Industrias, 51. Pol. Ind. Urtinsa II.  
28923, Alcorcón (Madrid)  
Phone: 0034 916431214  
[www.arieteseguridad.com](http://www.arieteseguridad.com)

Company within the security industry, offering a wide range of services involving security, protection of goods, stores, shows, contests, convention centers, having always the protection of people as a priority. The activities are carried out along the whole Spanish territory, delivering services both to private companies and public bodies, and also in a diversity of industries, such as businesses, airports, manufacturing, real state, health, defence, culture, logistics, offices and events. Our services are focused in rendering active control services of an static (critical security issues) or dynamic nature (control rounds), surveillance patrols, control centers management, airport services, scanner access control, etc.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### BUQUELAND EMPRESA EUROPEA DE LA INGENIERÍA DE LA CALIDAD

Recinto Interior Zona Franca, Edif. Melkart, Of. 24.  
11011, Cádiz (Cádiz)  
Phone: 0034 956564742  
[www.buqueland.com](http://www.buqueland.com)

BUQUELAND European Company of Quality Engineering, SL was founded as a company in order to provide a comprehensive response to a very specific market function: ensuring the quality of metal structures, being true to our commitment to the environment and risk prevention labor.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### **CALZADOS ROBUSTA, S.L.**

Ctra. de Prejano, 72.  
26580, Arnedo (Logroño)  
Phone: 0034 941385411  
[www.robusta.es](http://www.robusta.es)

Established in 2000, Calzados Robusta, S.L. have excelled in the manufacture of Safety and Occupational footwear. Based in La Rioja-Northern Spain and constantly evolving, Robusta has become a national and international benchmark with over 300 references in their catalogue, specializing in Industry, food, Forestry, security, healthcare and Defense. This evolution is due to the unique between our customer and the philosophy of Robusta, which is based on a caring, permanent customer service, a strict production and quality operation, providing bespoke tailored solutions to meet the requirements every customer needs.

Certifications:  
PECAL/AQAP 2120  
ISO 14001  
ISO 9001  
OHSAS 18001



### **COMPAÑÍA ESPAÑOLA DE PETRÓLEOS, S.A.U.**

Paseo de la Castellana, 259 A  
Torre CEPSA.  
28046, Madrid (Madrid)  
Phone: 0034 913376000  
[www.cepsa.com](http://www.cepsa.com)

Cepsa (Compañía Española de Petróleos, S.A.U.) is an integrated energy company operating at every stage of the oil value chain, with more than 10,000 staff. It is engaged in petroleum and natural gas exploration and production activities; refining, transportation and sale of crude oil derivatives; petrochemicals, gas and power. Cepsa is Spain's fourth largest industrial group in terms of turnover, and has been in the market for more than 80 years. Thanks to its flexibility and ability to adapt, Cepsa has become a benchmark company in its sector in Spain. Through progressive internationalization of its activities, it also has business interests in Algeria, Morocco, Brazil, Canada, Colombia, Panama, Peru and Portugal and sells its products globally.

Certifications:  
ISO 14001  
ISO 17025  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2120



### **COMPAÑÍA LOGÍSTICA DE HIDROCARBUROS CLH, S.A.**

C/ Titán, 13.  
28045, Madrid (Madrid)  
Phone: 0034 917746000  
[www.clh.es](http://www.clh.es)

The CLH Group is the leading company in Spain for oil product transportation and storage and is one of the largest private companies in its sector at an international. The CLH Group in Spain comprises CLH, CLH Aviación and TERQUIMSA (Terminales Químicos, S.A.). The Group is also present internationally through CLH Pipeline System (CLH-PS) Ltd. in the United Kingdom and Orpic Logistics Company L.L.C. (OLC), which carries out its activities in Oman. The CLH Group plays a key role in guaranteeing society with safe, easy access to oil products, and it bases its management on criteria of commitment to sustainability, safety, efficiency and cooperation with society as stated in its Mission, Vision and Values.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001  
EFR 1000-1  
EFQM  
ISO 166002



### **CONSTRUCCIONES FRANCISCO ROCA SÁNCHEZ, S.L.**

C/ Huerto, 1.  
30369, La Unión (Murcia)  
Phone: 0034 968548557  
[www.construccionesfranciscoroca.com](http://www.construccionesfranciscoroca.com)

Construcciones Francisco Roca Sánchez SL, founded in Roche - La Union in 1972, develops its work in the construction sector, counting with adequate staff and resources to meet the technical specifications required by our customers. The company policy is based on the detection of the needs of our customers, meeting the requirements of both quality and delivery and its satisfaction in order to gain their loyalty. The services are primarily aimed to companies in the shipping sector as well as governments, construction companies and private customers. Our business is developed in the following main activities:

- ships or boats conditioning
- Building Installation
- Installation of materials and construction equipment

Certifications:  
ISO 9001  
ISO 14001  
OHSAS 18001



### DESARROLLO DE EQUIPOS MILITARES, S.L.U.

C/ Los Herreros, 8-12.  
Pol. Ind. Prado Bajo, Sector 1.  
45180, Camarena (Toledo)  
Phone: 0034 918170922  
[www.demsl.es](http://www.demsl.es)

Company with over 50 years' experience in the Defense Sector. Leading, Manufacturing, Production and sale of field Equipment (Belts and Accessories, Material of Habitability, Forestry Equipment, Tents, Awnings and Seating for Vehicles, Vests, Backpacks, Stretcher, Kits ...) for the Defense Sector and other related Companies. All Articles made with quality materials and with more than 200 items listed by the Ministry of Defense.

Certifications:  
ISO 9001  
PECAL/AQAP 2120



### DESOXIDADOS Y PINTURAS INDUSTRIALES, S.A.

Avda. Las Américas, Edif. 3.  
28820, Coslada (Madrid)  
Phone: 0034 916601425  
[www.depisa.com](http://www.depisa.com)

Since its foundation in 1969, Depisa is specialist in corrosion services for the industry and offers a wide range of solutions.

Corrosion Engineering  
Technical cleanings and surface preparation  
Painting  
Fiberglass Lining  
Pipe Wrapping  
Industrial Floors  
Fireproofing

We bring together technologies and highly qualified specialists in order to improve our customers activities or facilities operations.

We execute all processes with complete honesty and integrity. We always fulfill the agreements and commitments we make with our customers, respecting people and the environment.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### EASA NAVAL, S.L.

C/ Oso, 7.  
11405, Jerez de la Frontera (Cádiz)  
Phone: 0034 956307450  
[www.easa-naval.com](http://www.easa-naval.com)

EASA NAVAL, SL has a long experience in supply, repair and maintenance rescue and survival equipment

We service and repair a comprehensive range of rafts and life jackets, breathing apparatus, flight suits for pilots and crews, dry suits , etc.

Our goal is to offer our customers the possibility of having their survival and rescue equipment always ready to use with adjusted cost and high quality standards.

Certifications:  
EASA  
ISO 9001



### EL SIGLO 1870, S.L.

Pol. Ind. Puente de Hierro.  
11100, San Fernando (Cádiz)  
Phone: 0034 956881416  
[www.el-siglo.es](http://www.el-siglo.es)

El Siglo was founded in 1870, since then it has been developing its business without interruption until today, making uniforms and accessories of all kinds for the Personnel Spanish Armed Forces. The company is certified with the certificate AQAP 2120 system, suitable for the manufacture and supply of uniforms, jackets, covers and textile accessories for military use as well as ballistic protection elements, optical detection equipment and accessories for military use.

Certifications:  
ISO 9001  
PECAL/AQAP 2120



### EMTE SERVICE, S.A.U.

C/ Vallés, 2.  
08940, Cornellà de Llobregat (Barcelona)  
Phone: 0034 934809150  
[www.emteservice.com](http://www.emteservice.com)

Emte Service is a multidisciplinary services company with expertise in the fields of maintenance and energy services projects. Established in 1994 in Barcelona, Emte Service has proved its firm commitment to fulfill the client's expectations. Our primary asset is the more than 600 professionals who make up the company. Our greatest satisfaction, the trust placed in us from our customers because of our top quality service.

#### DIVISIONS:

Comprehensive and Specialized Maintenance  
Facilities Management  
Maintenance Engineering  
Energy Services Company  
Ornamental Fountains and Illuminations

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### EULEN SEGURIDAD, S.A.

C/ Gobelás, 25-27. 28023, Madrid (Madrid)  
Phone: 0034 916310800  
[www.eulen.com](http://www.eulen.com)

As the oldest company in our field we have been at our costumers' service for more than 40 years, keeping innovating, being flexible and fast to adapt to the new risks, and engaged with excellence in the provision of services. We develop activities towards the assurance of the security of the organizations under the paradigm of the convergence of security. These services are given under the concept of integration, looking at security as one more business procedure. Services: security consulting, surveillance, security systems, intelligence, cybersecurity, integral security control center, critical infrastructures protection, airport, maritime and itinerant security, remote video security.

Certifications:  
ISO 14001  
ISO 27001  
ISO 9001  
OHSAS 18001



### FACET BOX, S.L.

C/ Santiago Estévez, 27.  
28019, Madrid (Madrid)  
Phone: 0034 914727114  
[www.facetbox.com](http://www.facetbox.com)

FACET BOX is a 100% Spanish company, dedicated to the design and manufacture of flight cases from 1992. At present we are placed as one of the principal Spanish companies of the sector, having as clients multitude of organisms of the Defense Department and the principal companies of telecommunications, audio-visual, aeronautics and armament that they produce in Spain.

Certifications:  
ISO 9001



### FAL CALZADOS DE SEGURIDAD, S.A.

Avda. de Logroño, 21 Bis.  
26580, Arnedo (Logroño)  
Phone: 0034 941380800  
[www.falseguridad.es](http://www.falseguridad.es)

Footwear manufacturer for professional use: army, police, firefighting & ppe. 100% made in Spain. Partners: Gore-Tex®, Vibram®, Boa®, 3M®, etc. We have general catalogue and also we may adapt our manufacturing systems and quality standards to our customers' needs, providing our know-how and R&D. Actually suppliers of diverse armies, policies, firefighting corps worldwide (America, Europe, Africa, Asia & Middle East) including Spanish army + air forces.

Certifications:  
PECAL/AQAP 2110  
ISO 14001  
ISO 9001  
OHSAS 18001





### FEDUR, S.A.

C/ Brazal Almontilla, 4.  
50410, Cuarte de Huerva (Zaragoza)  
Phone: 0034 976505556  
www.fedur.com

Manufacture of personal defence materiel: bullet-proof, anti-fragment, knife-proof, and riot vests, police and military vests, helmets, shields, truncheons and ballistic plates.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### FRIMARTE, S.L.

Pol. Ind. Espíritu Santo. C/ Daimler, 30.  
15650, Cambre (A Coruña)  
Phone: 0034 981649800  
www.frimarte.com

Frimarte is a company specialized in naval and industrial refrigeration and air-conditioning systems. From the beginning has developed all its projects to meet our clients' needs, incorporating top-quality, and innovative solutions to our refrigeration systems. Our skilled technicians attend specialized courses and exhibitions in order to constantly update their knowledge of the refrigeration industry. Frimarte's qualified team focuses on providing our clients with solutions that meet their needs, from engineering technical advice to supply, assembly, tests, start-up and maintenance for any type of refrigeration systems.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



### FRÍO CLIMA VALENTÍN, S.L.

C/ Banderas, 6.  
11510, Puerto Real (Cádiz)  
Phone: 0034 956883426  
www.frioclimavalentin.com

Our company is dedicated to supply, installation, maintenance, and repair of machines of hotel and catering business, air conditioning, refrigeration and freezing for industrial and naval sectors. Supply of electrical products, assembly, maintenance and repair of electrical low tension installations. Our installations are located in Cadiz (Spain).

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120



### FRIZONIA REFRIGERACIÓN Y CLIMATIZACIÓN, S.L.

Pol. Ind. Fadrilas. C/ Ferrocarril, 41.  
11100, San Fernando (Cádiz)  
Phone: 0034 956593243  
www.frizonia.com

FRIZONIA is a company specialized in air conditioning and refrigeration systems. We have the capability to do the engineering and design, manufacture and installation of HVAC systems (Heating, Ventilation and Air Conditioning) and Refrigeration for Defence, Marine, Offshore and Industrial sectors. With over 20 years' experience and over 100 ships delivered, we can ensure that our systems are designed to a high quality, providing optimal and suitable solutions for climatic comfort, products treatment, equipment and instruments on board.

Certifications:  
OHSAS 18001  
ISO 14001  
ISO 9001



### IBER PRECIS, S.L.

Pol. Pignatelli, 17.  
50410, Cuarte de Huerva (Zaragoza)  
Phone: 0034 976503727  
[www.iberprecis.com](http://www.iberprecis.com)

Machining, precision & assembly  
mechanicals components.

Certifications:  
UNE EN 9100  
ISO 9001



### IMPRIMACIONES MAJANO, S.L.

C/ Polvoranca, 17.  
28914, Leganés (Madrid)  
Phone: 0034 916943451  
[www.imprimajano.com](http://www.imprimajano.com)

Graphic arts and engravings.  
Specialized in emblems and engravings  
for the Armed Forces and the Homeland  
security forces.

Certifications:  
ISO 14001  
ISO 9001



### INDUSTRIAL MATRICERA PALENTINA, S.L.U.

Ctra. Palencia Magaz Km 2.5.  
34190, Villamuriel de Cerrato (Palencia)  
Phone: 0034 979165048  
[www.inmapa.com](http://www.inmapa.com)

Design, manufacturing, assembly, starting-  
up and technical  
assistance for turnkey projects of  
equipment, tools, industrial facilities,  
special machinery and prototypes.  
Fabrication and welding of big structures  
and machining.  
Work sector: Aeronautics, Automotive,  
Tyres Manufacturing, Naval, Railway,  
Defence, Energy, etc.  
Welding of railway vehicles and  
components according EN 15085-2  
Inspectors approved Level II MP, PT, and  
VT according UNE- 473  
NACE Coating Inspector Level 1.

Certifications:  
ISO 9001  
UNE EN 9100



### INDUSTRIAL SEDO, S.L.

Carrer de Calaf, 24.  
08090, Barcelona (Barcelona)  
Phone: 0034 932003366  
[www.industrialsedo.com](http://www.industrialsedo.com)

Manufacturer of defense technical  
textiles, camouflage nets, field tents, truck  
tarpaulins, scat fabric, material protection  
fabrics, references: material protection  
gamma-2 caqui IR, truck tarpaulins 824,  
tent fabric 884, seat fabric 826, tent fabric  
gamma-0 green NATO IR.

Certifications:  
ISO 9001  
PECAL/AQAP 2120

## ABENGOA

### INSTALACIONES INABENSA, S.A.

C/ Energía Solar, 1. Palmas Altas.  
41014, Sevilla (Sevilla)  
Phone: 0034 954936000  
www.inabensa.com

Inabensa Abengoa (MCE: ABG.B/P SM /NASDAQ: ABGB) applies innovative technology solutions for sustainability in the energy and environment sectors, generating electricity from renewable resources, converting biomass into biofuels and producing drinking water from sea water.

Inabensa Abengoa designs and manufactures equipments such as control consoles, interconnection harnesses, control boxes and interfaces, Test Bench, EGSE and on-board electronics for the defense and airspace sector; as well as electrical rooms and modular units with leak-proof enclosure, integrating and interconnecting all types of units: low-voltage panels, motor control centers, medium voltage cabinets, power panels, computer equipment, batteries, transformers, etc.

Certifications:  
ISO 14001  
ISO 166002  
ISO 9001  
OHSAS 18001  
PECAL/AQAP 2120



### LEEWARD ESPAÑA, S.L.

C/ Isla de la Palma, 38.  
28703, San Sebastián de los Reyes  
(Madrid)  
Phone: 0034 916527193  
www.leeward.es

LEEWARD INT'L is the entirely Spanish forwarding company with the greatest international presence. It has offices in Spain, Germany, USA, China, Kazakhstan, Peru, Mexico and Brazil, as well as an extensive worldwide network of agents. LEEWARD specializes in turnkey projects with proven capacity to carry any part, regardless of weight and volume, looking for the most suitable way of transport by road, sea or air. Our services include also chartering, shipping agency, special transport of heavy and oversized loads with our own equipment, transport engineering, Customs agency and storages with ZAR space authorized by the Spanish Ministry of Defence.

Certifications:  
ISO 27001  
OHSAS 18001  
ISO 14001  
ISO 9001



### LINDE MATERIAL HANDLING IBÉRICA, S.A.

Avda. Prat de la Riba, 181.  
08780, Pallemà (Barcelona)  
Phone: 0034 936633232  
www.linde-mh.es

Linde Material Handling GmbH, a member of the KION Group, ranks among the world's foremost makers of forklift and warehouse trucks and is the market leader in Europe. In addition, the company today offers its know-how gained during decades of developing and manufacturing electric drive systems to external customers for a wide variety of applications.

Certifications:  
ISO 14001  
ISO 9001



### MANTENIMIENTO Y SERVICIOS TECMAN, S.L.

Ctra. de Cedeira, Km. 1.5.  
15570, Narón (A Coruña)  
Phone: 0034 981397283  
www.tecman.com.es

TECMAN is a company specialized in industrial maintenance, mechanical fitting and industrial supply. High skilled human resources, modern technical resources for and efficient and reliable service and a high satisfaction client orientated policy are TECMAN strengths. TECMAN offers maintenance services into industrial, energy and renewable energy sector, (wind farms operation and maintenance), and a long experience in naval civil and military industry, including manufacturing, assembly and maintenance.

Certifications:  
ISO 14001  
ISO 9001  
OHSAS 18001



**MECÁNICA DE PRECISIÓN TEJEDOR, S.A.**  
*Empresa fundada en 1948*

### MECÁNICA DE PRECISIÓN TEJEDOR, S.A.

C/ Milanos, 11. Pol. Ind. La Estación.  
28320, Pinto (Madrid)  
Phone: 0034 916913000  
www.mptejedor.com

MECÁNICA DE PRECISIÓN TEJEDOR S.A. produces full range of CNC machining, mechanical-welded assemblies and their assembly for military industry. Terrestrial platforms: different elements of tower, night vision equipment and lifting systems for tanks and other vehicles. Ammunition: it participates in different missile programs; elements for bombs, shells and grenades of different calibers are made. Navy: manufacture of mechanical parts of periscopes (Percosub program). Aeronautics: it is involved in the production of various elements of drones.

Certifications:  
ISO 9001  
PECAL/AQAP 2120



**Mecánicas Bolea, S.A.**

### MECÁNICAS BOLEA, S.A.

Pol. Ind. Cabezo Beaza. Avda. Bruselas, s/n.  
30353, Cartagena (Murcia)  
Phone: 0034 968324220  
www.mecanicasbolea.com

MECÁNICAS BOLEA, a firm with more than 30 years of experience in the Repairing, Maintenance and Manufacturing of equipments, counts with the Spanish Ministry of Defense as one of its regular customers, working for the Military Arsenal of Cartagena onboard of Spanish and NATO Army ships. MB has also participated in the Equipments Manufacturing and Mounting on S-70, S-80 & Scorpene Series Submarines as subcontractor of NAVANTIA and DCN. MB has also worked for the Albacete Air Base manufacturing some parts and equipments for the Airbus Helicopter and the F-18 aircraft, counting with the required certifications such as the PECAL 2310, ISO 14001, ISO 9100, ISO 9001, ISO 3834-2, OHSAS 18001, U & R Stamps, H1 MODULE for pressure vessels, etc.

Certifications:  
ISO 3834  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110  
UNE EN 9100



**Mecanizados, s.a.**

### MECANIZADOS, S.A.

C/ La Granja, 28. Pol. Ind. Juan Carlos I.  
46440, Valencia (Valencia)  
Phone: 0034 961767200  
www.mecaniza.com

Design, manufacturing, repairing and assemblies of special equipment and tools. Manufacture of equipment for mine and other components detection with Hyperspectral viewers and analysis in real time, modular development airborne water treatment plants.

Certifications:  
ISO 14001  
ISO 9001  
UNE EN 9100

**Pine**

An **Ingeteam** brand

### PINE INSTALACIONES Y MONTAJES, S.A.

Astintze Kalea, 6A, 3ª Planta, Edif. Astintze, Dpto. 308. 48160, Derio (Vizcaya)  
Phone: 0034 944544792  
www.ingetteam.com

Pine Instalaciones y Montajes S.A. is a company belonging to the Services Division of the INGETEAM Group, with over 45 years of experience. Pine Instalaciones y Montajes S.A. is specialized in the services of engineering, management, supervision, supply, assembly, legalization of projects and technical assistance in any kind of electrical installation, both LV and HV, instrumentation and telecommunications. These services are offered in the sectors of energy, industry, marine, traction, telecommunications, safety systems and civil infrastructures.

Given the great experience and the acquired "know-how", Pine Instalaciones y Montajes S.A., is also manager of electrical contracts, having carried out numerous projects in EPC mode.

Certifications:  
ISO 9001  
OHSAS 18001  
ISO 14001



### SAGRES, S.L.

Segunda Travesía Padre Crespo, 5.  
36800, Redondela (Pontevedra)  
Phone: 0034 986400558  
[www.partenon.net](http://www.partenon.net)

Established in 1958, Sagres-Partenon is a company dedicated to the production of technical clothing designed for the security forces and police. The application of cutting-edge technologies, results in Partenon's garments standing out for offering the highest performance in technical qualities, design and comfort. All this, complemented with a broad range of services, makes the Partenon brand a synonym for quality in the world of technical garments.

Competitive advantage of Partenon is based on customer intimacy and commitment, continuous innovation and creativity. This is backed by the company's core values: high customer orientation, flexibility and development, teamwork, trust and transparency, high-caliber service and quality.

Certifications:  
ISO 14001  
ISO 27001  
ISO 9001  
PECAL/AQAP 2120



### SAIMA SEGURIDAD, S.A.

Avda. Valgrande, 12, Naves 16-17.  
28108, Alcobendas (Madrid)  
Phone: 0034 916616892  
[www.saimaseguridad.com](http://www.saimaseguridad.com)

SAIMA SEGURIDAD is a Spanish company dedicated to provide integral solutions, technologically advanced, to protect individuals and their patrimony, following the market needs, we have as specialized and exclusive activity the electronic security within the security sector, which makes its effort more effective. Wide experience, over 25 years on different sectors such as banking, critical infrastructures, Department of Defense, etc.

We provide solution and technical knowledge for the resolution of all of client needs in such a manner that the outcome is always as expected. Integral solutions for the deployment of new systems and maintenance for existent systems.

Certifications:  
ISO 14001  
ISO 9001



### SEGUR IBÉRICA, S.A.

C/ Juan de Mariana, 15.  
28045, Madrid (Madrid)  
Phone: 0034 915065265  
[www.gruposegur.com](http://www.gruposegur.com)

Segur Ibérica is a company that supplies integral private security services, consisting of a highly qualified professional team that designs innovative and effective solutions to respond to the protection needs of its customer. With a business strategy based on a better adaptation to the customer needs and a growing use of training and technology as differentiating factors, the company has established a leadership position in the segments of the activity developed in Spain.

Certifications:  
ISO 9001  
ISO 14001  
OHSAS 18001



### TECHCO SECURITY

C/ Barbadillo, 7.  
28042, Madrid (Madrid)  
Phone: 0034 913127777  
<http://www.stanleysecurity.es/>

The goal of the Company is to provide and develop the following services and activities:

- Secure and protect goods and establishments.
- Install and maintain security devices and systems.
- Operate Central Reception Alarms for the reception, verification and transmission of alarm signals and the consequent communications to the State Security Forces.
- Planning and consultancy about the security activities considered in the law 23/1992 dated on 30-July, for the Private Security and/or other further ones that can modify or abolish this norm.
- Install and maintain fire detection and extinction systems.

Certifications:  
ISO 14001  
ISO 9001



### TEXTIL SANTANDERINA, S.A.

Avda. Textil Santanderina, s/n.  
39500, Cabezón de la Sal (Cantabria)  
Phone: 0034 942700125  
[www.textilsantanderina.com](http://www.textilsantanderina.com)

Textil Santanderina S.A. is a vertically structured company which was created in the year 1923 and which nowadays counts with production facilities for spinning, weaving, dyeing and finishing as well as printing. Its products and customers are very diverse; fabrics for the sportswear sector, for automotive, industries, firefighters and wildland firefighters, police as well as fabrics for several armies.

Certifications:  
PECAL/AQAP 2110  
ISO 9001



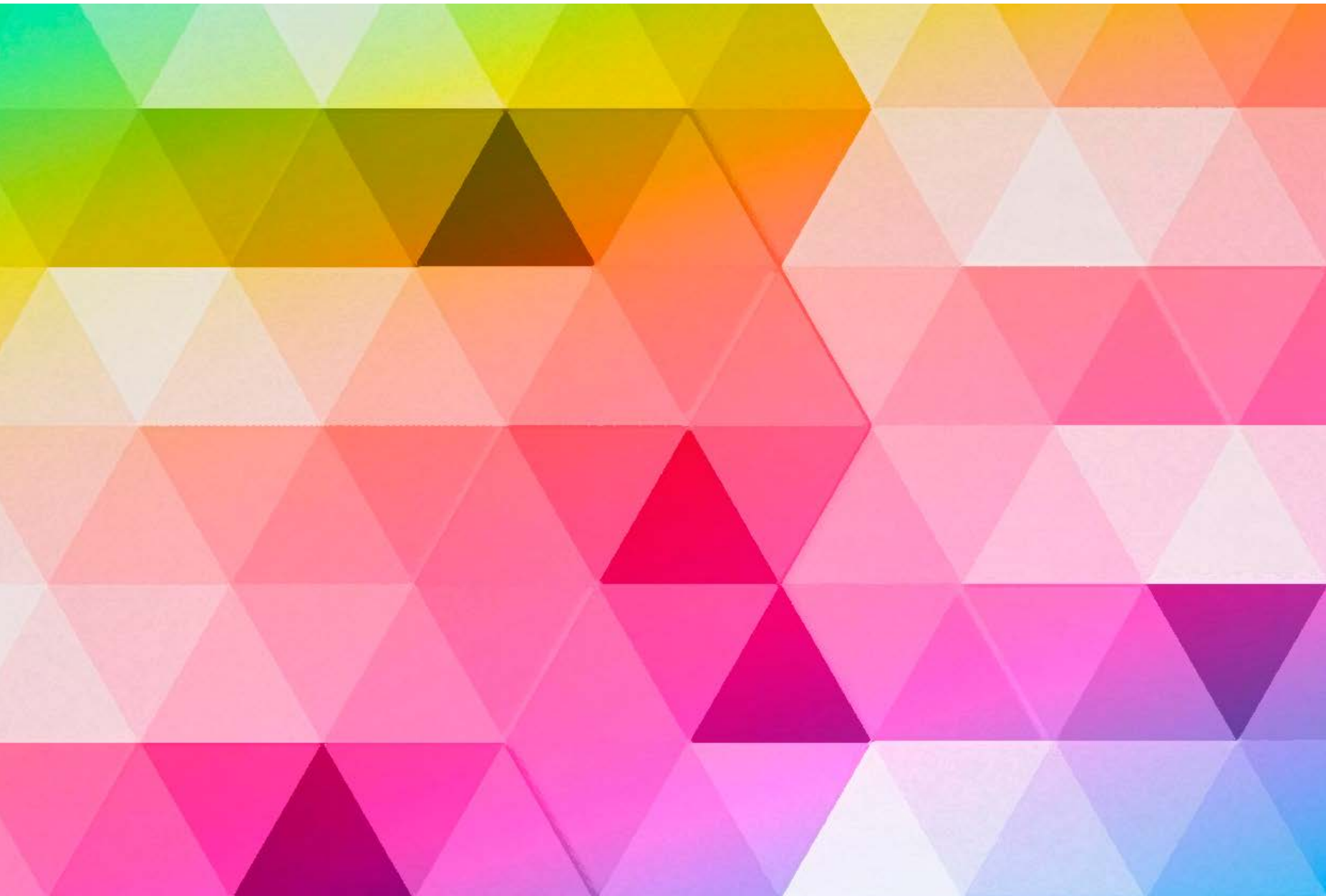
### YUMA

Pol. Ind. Malpica. C/ D.  
50016, Zaragoza (Zaragoza)  
Phone: 0034 976330000  
[www.altus.es](http://www.altus.es)

Design, manufacture and distribution of mountain and camping articles (Rucksacks, sleeping bags, camping tents, garments, footwear and other complements of free time) for sportsmen and professionals (Ministry of Defense, Forestmen, Firemen, safety bodies and others).

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2120







# Consulting & Engineering Sector



## **ALTEN SOLUCIONES, PRODUCTOS, AUDITORÍA E INGENIERÍA, S.A.**

Naval Industry  
Rescue & Police Vessels; Systems & Equipment

Aerospace Industry  
Aerial Systems & Equipment

Electronics, Communications & ICT  
C4ISR; ICT

Services, Logistic & Auxiliary Industry  
Services

Consulting & Engineering  
Consulting & Engineering

**Consulting & Engineering  
Sector**

Vía de los Poblados, 3, Edif. 5.  
28033, Madrid (Madrid)  
Telf.: 0034 917910000  
[www.alten.es](http://www.alten.es)

European Consultancy leader in technology, consulting and engineering with international presence and more than 18,400 employees with a turnover of 1,300 M€ provides its services to leading companies in the Spanish market thanks to their headquarters and offices in Madrid, Barcelona, Pamplona, Valladolid, Cadiz, Seville and Bilbao. The range of services of ALTEN is based on a fundamental concept, its ability to meet operational needs using the most appropriate technology. Their ability to develop and adapt to the requirements of the market makes its presence in different sectors of the economy and industry, providing services to create business with standard technologies solutions.

Certifications:  
UNE EN 9100  
ISO 14001  
ISO 15504  
ISO 20000  
ISO 27001  
ISO 9001

### **RCM ANALYSIS**

ALTEN adds improvements to RCM methodology for optimal adaptation to maximum security system. Basically these improvements manage to establish a periodicity of the maintenance tasks which achieves the required reliability to the system. At the same time, it controls the system's risk while ensuring its safety and the compliance of its mission. The object of these improvements is to optimize the application of the RCM methodology to the specific needs of security of the systems and platforms.



## Main Products / Services

### SYSTEMS-FLIGHT DECK & HUMAN FACTORS

ALTEN, in close cooperation with AIRBUS S&D is charged to execute the following tasks in relation with the A400M program:

- Design Office activities
- Covered ATAs: 11.31/ 25.10/ 31.19/ 33.10
- Provide technical support to design issues
- Manage equipment re-designs
- Management of four equipment suppliers
- Responsibility over equipment documents



### SOFTWARE DEVELOPMENT AND INTEGRATION OF THE FLIGHT CONTROL SYSTEM FOR AN R&D

Supporting in the Real-time aspects and SW design. Defining distributed control systems architecture for UAV airborne embedded system. Developing Automatic Code Generation.



### AVIONIC SYSTEMS (HELICOPTER NH90)

Development and modification of Software for equipment of the NH90 helicopter program and its variants (more than 20). Integration activities to test the SW development in a host and target environment. Coordination, harmonization and trigger actions with the departments, partner and providers involved in the project. In addition ALTEN is charged of both the collection and distribution of information and documentation associated.



### SOFTWARE ENGINEERING SERVICES ON TACTIC COMMUNICATIONS

Checking and traceability testing of design documentation. Analysis of defense normative documentation for hardware equipments / A400M program/ Modification and re-design of specific Hardware chips (components selection, functional definition routed for CAD department / PCBs development)/ Participation in firmware conception and development (VHDL/ FPGAs, etc.).





P.E. Las Mercedes. C/ Campezo, 1, Edif. 1.  
28022, Madrid (Madrid)  
Telf.: 0034 915504100  
[www.altran.es](http://www.altran.es)

### ALTRAN INNOVACIÓN, S.L.

Aerospace Industry  
Aerial Systems & Equipment;  
Simulation; Satellites; Ground Segment;  
Satellite Systems & Equipment;  
Auxiliary Industry & Spares

Electronics, Communications & ICT  
Radars; Surveillance & Security; ICT

Consulting & Engineering  
Consulting & Engineering

Altran Spain is a company of the Altran Group, a global leader in innovation and Technology consultancy providing services and solutions for the major business sectors. Since 1992, works with 150 leading companies in leading sectors.

Expertise in the Defence Sector: ALTRAN is specialized in the field of defense and engineering consulting in the areas of practice:

- Design of components and systems
- Static and dynamic structural analysis and Vibroacoustics
- Life Cycle Support / ILS
- Production engineering
- Electronic Embedded Systems
- Test benches
- Composites Technology
- Qualification, certification and validation of tests

Certifications:  
ISO 14001  
ISO 9001

## Main Products / Services

### INDUSTRIAL, TECHNOLOGICAL, AERONAUTICAL ENGINEERING AND CONSULTING

Intelligent Systems is the name of the new generation of embedded systems and real-time massive processing capability. Altran draws six practices (Systems Engineering, Software Engineering, Electronics, Safety, Security and Connectivity).

### SOFTWARE DEVELOPMENT

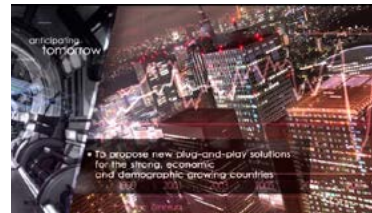
Our solutions cover a wide range of industries, including automotive, construction, complex general machinery and transportation.

### MANAGEMENT OF KNOWLEDGE AND CHANGE

Altran works on five global practices: Innovation Management, Product Design and Systems Engineering, Supply Management and Manufacturing, Distribution and Support, and Management Product Lifecycle.

### CONSULTING FOR PUBLIC ADMINISTRATIONS

Altran works on five global practices: Innovation Management, Product Design and Systems Engineering, Supply Management and Manufacturing, Distribution and Support, and Management Product Lifecycle.







Ctra. de la Esclusa, s/n, Edif. Galia Puerta, 2ª Planta.  
41012, Sevilla (Sevilla)  
Telf.: 0034 954990200  
[www ghenova.com](http://www ghenova.com)

### **GHENOVA INGENIERÍA, S.L.**

Naval Industry  
Systems & Equipment; Auxiliary  
Industry & Spares

Aerospace Industry  
Aerial Systems & Equipment

Services, Logistic & Auxiliary Industry  
Consumer Goods

Consulting & Engineering  
Consulting & Engineering

GHENOVA is an international multi-disciplinary engineering and consulting company that acts in the sectors in need of a comprehensive solution. Its team develops large, high technological complexity projects for some of the world's largest firms in the defence and security, naval, offshore, aeronautics, industry and energy, and infrastructure sectors.

Certifications:  
ISO 14001  
ISO 9001

## Main Products / Services

### ENGINEERING

GHENOVA's capabilities in the Defense and Security Industry covers from the engineering stage (design engineering, conversions and upgrades, and systems) to the quality control; including logistics, production and operations. The company offers its services to main European shipyards, manufacturers, ship owners and operators; and it has clients such as Navantia or Airbus Defence and Space. Its team has taken part in major and different-nature military projects of several countries.



### BASIC AND DETAIL DESIGN

Concept, basic, detail and production design; conversions and upgrades engineering; systems engineering; configuration management and control; test and evaluation (T&E).



### LOGISTICS ENGINEERING

Test and evaluation planning, Logistics Support Analysis (LSA), material support, reliability and stability engineering, technical publications, training.





## INGENIERÍA DE SISTEMAS PARA LA DEFENSA DE ESPAÑA, S.A.

### Land Industry

Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

### Naval Industry

Systems & Equipment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

### Aerospace Industry

RPAS; Aerial Systems & Equipment; Satellites; Ground Segment; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

### Armament & Ammunition

Armament; Maintenance & Life Cycle Support; Auxiliary Industry & Spares

### Electronics, Communications & ICT

Radars; Electronic Warfare; C4ISR; Cyberdefence; Surveillance & Security; Systems & Equipment; Maintenance & Life Cycle Support; ICT

Services, Logistic & Auxiliary Industry Infrastructures; Others

Consulting & Engineering  
Consulting & Engineering

250

C/ Beatriz de Bobadilla, 3.  
28040, Madrid (Madrid)  
Telf.: 0034 914115011  
[www.isdefe.es](http://www.isdefe.es)

Isdefe, created in 1985, is a state-owned company that belongs to the Spanish Ministry of Defense, which acts as an in-house technical services provider to the Spanish Administration. Isdefe offers engineering, consultancy and technical assistance services of the highest quality to national and local Public Administrations and to the international institutions in areas of technological and strategic interest.

Isdefe operates in Defence and Security, Aerospace, Transport, Public Administration, Information and Communications Technologies (ICT) and Energy sectors, in addition to overseeing the operation and maintenance of Space Communication Stations in Spain.

Certifications:  
ISO 14001  
ISO 9001  
PECAL/AQAP 2110

## COMMAND AND CONTROL NETWORKS AND SYSTEMS

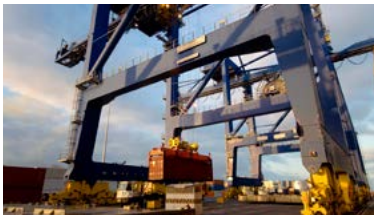
Consulting and engineering services in obtaining Command and Control Networks and Systems on strategic, operational and tactical levels for both Spain's military (Joint Command, Air, Land, Sea) and its security forces, as well as for international organizations. These services span the entire life cycle, including the analysis of operational needs, strategic planning, definition of architectures systems implementation, start-up and modernization.



## Main Products / Services

### ACQUISITION PROGRAMS, LOGISTICS AND SUPPLY CHAIN SYSTEMS.

Engineering, technical and management consulting to support of acquisition or modernization programs involving naval, land, air and space platforms and their main subsystems. Technical-financial support for managing the life cycle of air, land and naval platforms, ensuring a comprehensive solution that includes aspects of planning, needs, market and viability assessments, tenders and contracting, program tracking and technological support.



### CIBERSECURITY AND INTELLIGENCE AND ELECTRONIC WARFARE SYSTEMS

Consulting and auditing in cybersecurity and cyber defense. Strategic consulting for establishing cybersecurity policies against complex threats, and for auditing large corporate systems in civilian and military settings. Technical analysis to support police or military organizations in developing intelligence systems. Technical consulting to design and test systems that inhibit, jam or intercept unauthorized communications.



### STRATEGIC INFRASTRUCTURE, PROTECTING CRITICAL INFRASTRUCTURES

Planning, design and project management for special infrastructures. Strategic consulting for Defence and Security organizations (naval bases, air, Command Com, etc.) and strategic and technical consulting to operators of critical infrastructure (energy, communications, transportation, etc.) in design of integral security solutions. Technical consultancy for the development of response capabilities major disasters, providing solutions to interoperability, command and control and projectibility.



### REMOTELY-PILOTED AIRCRAFT SYSTEMS

Technical consulting on UAV platforms and payloads. Engineering and implementation of control centers and stations for unmanned aerial vehicles and their payloads. Technical support in projects and programs to develop and acquire military platforms and integrated solution with planning, financial, technical, operational and maintenance aspects.





### EVERIS SPAIN, S.L.U.

Avda. de Manoteras, 52.  
28050, Madrid (Madrid)  
Phone: 0034 917490000  
www.everis.com

EVERIS is a multinational consulting firm providing business and strategy solutions, application development, maintenance, and outsourcing services. Established in 1996, Everis has averaged 20% annual growth in revenues and became part of NTT Data in January, 2014. The firm performs in the field of telecommunications, finances, industry, utilities, energy, public administration and health, it has had a turnover of €591 million during the last FY. Currently it has 10,600 employees in its offices and high performance centers in 13 countries. The consulting firm is part of NTT DATA group, the sixth IT world services company globally, with 70,000 employees and present in Asia -Pacific, Mid East, Europe, Latin America and North America.

Certifications:  
ISO 27001  
ISO 9001



### GAHN, LOGÍSTICA, GESTIÓN Y CONSULTORÍA, S.A.

C/ Velázquez, 11, 6ª Dcha.  
28001, Madrid (Madrid)  
Phone: 0034 915764266  
www.gahn.es

Gahn is a firm specialized in the comprehensive management of entities set up to develop Turnkey Projects that require the participation of several companies constituted in Joint Ventures or Consortiums. Gahn provides services throughout the execution of the contract. These services include: Planning, Technical Controlling and Monitoring, Development of managing and control procedures; Quality Assurance; Financial Management; Administrative Management, Legal and Tax Advising and Logistic. Our services include the phases of bid elaboration, beginning of activity, execution of the project/contract and termination of the UTE. Gahn has been participating in the management and coordination of diverse projects for the Spanish Armed Forces.

Certifications:  
OHSAS 18001  
ISO 14001  
ISO 27001  
ISO 9001



### IN-NOVA, PROGRAMA DE INNOVACIÓN INTERNACIONAL, S.L.

C/ Río Jarama, 132, Edif. 4.03, Bajo C.  
45007, Toledo (Toledo)  
Phone: 0034 925245970  
www.in-nova.org

In-Nova is like a "technological projects incubator", so it is the entity that promotes the development of activities since its beginning until the prototype, carrying out know-how actions and accompanying change processes. Therefore, In-Nova activities are implemented by research, technological development and innovation (R+D+i) lines and unleash prototype and applied demonstrators, whose impact is profitable for industrial market and society.

Certifications:  
ISO 166002  
ISO 9001



### INTEGRACIÓN TECNOLÓGICA EMPRESARIAL, S.L.U.

Avda. Leonardo da Vinci, 8.  
28670, Getafe (Madrid)  
Phone: 0034 914916505  
www.ite-es.com

INTEGRACIÓN TECNOLÓGICA EMPRESARIAL, S.L.U., was established as an auxiliary company of the defense sector, formed by a team of more than 15 years of experience. Since its inception ITE, is aimed at leading projects and integrated turnkey services including design and manufacture of equipment tailored to customer needs, using management techniques to ensure that our clients find a comfortable experience in the treatment and easy track your projects, we adapt to customer needs. SERVICES:

- Engineering / ILS
- Training
- Technical assistance
- Maintenance and repair modernization
- Spare parts management
- Wiring
- Strategic consulting
- R+D+i

Certifications:  
ISO 9001  
UNE EN 9100



### SEGULA TECNOLOGÍAS ESPAÑA, S.A.U.

Avda. Bruselas, 8, Of. 16-20.  
01003, Vitoria-Gasteiz (Álava)  
Phone: 0034 945012700  
[www.segula.es](http://www.segula.es)

SEGULA Technologies is an engineering group with a global presence, helping boost competitiveness within all of the major industrial sectors: automotive, aeronautics, energy, rail, naval, pharmaceutical and petrochemical. Present in 22 countries, with its 80 offices worldwide, the Group fosters a close relationship with its customers thanks to the expertise of its 7,000 employees. A leading engineering specialist placing innovation at the heart of its strategy, SEGULA Technologies conducts large-scale projects, ranging from studies to industrialisation and production. For more information, visit: [www.segulatechnologies.com](http://www.segulatechnologies.com).

Certifications:  
ISO 9001  
UNE EN 9100



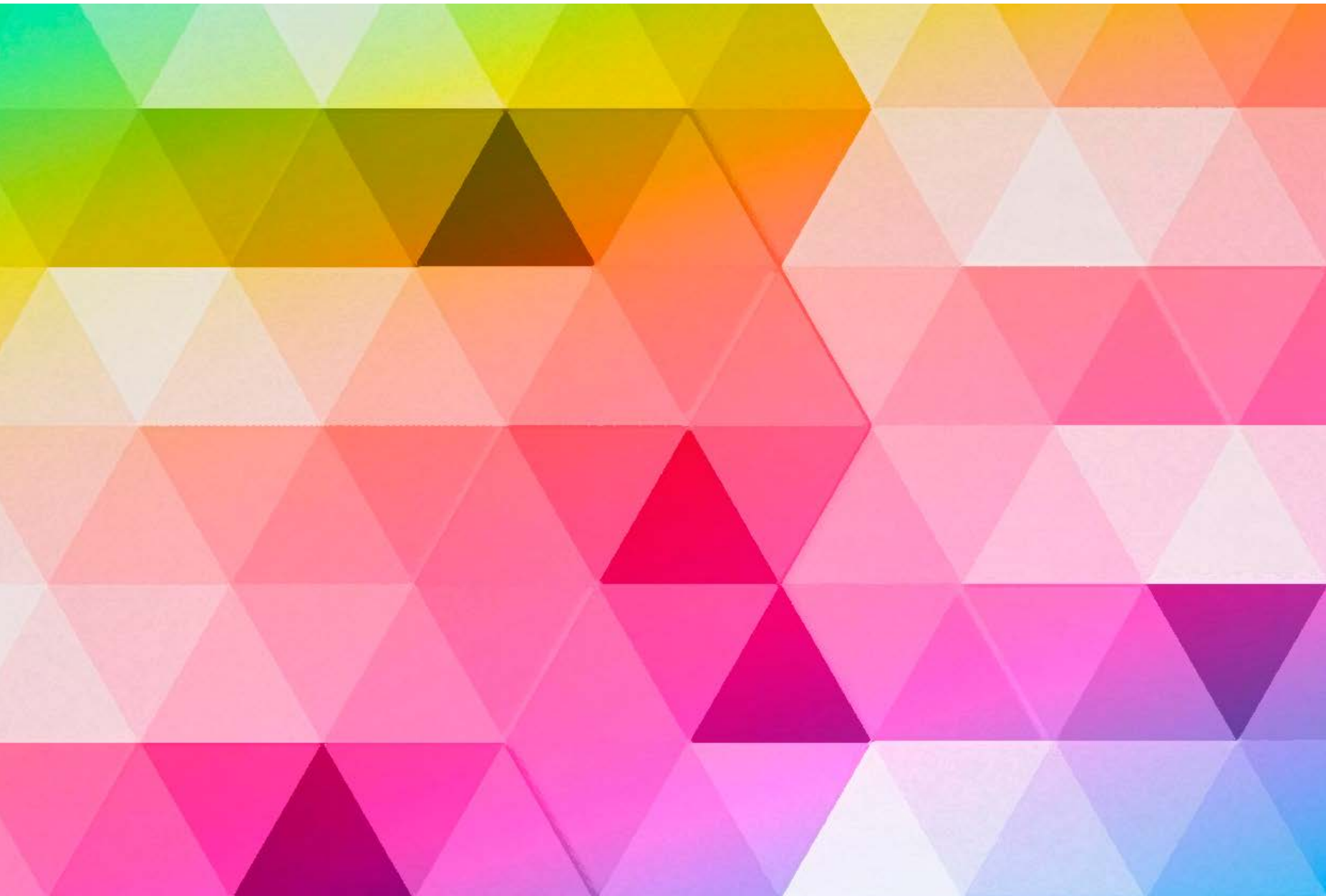
### SISTEPLANT, S.L.

Parque Tecnológico, Edif. 607.  
48160, Derio (Vizcaya)  
Phone: 0034 946021200  
[www.sisteplant.com](http://www.sisteplant.com)

Design and development, implementation (adaptation and modeling) and after sales services of data acquisition and plant management software for manufacturing processes and of maintenance management software. Consultancy services on design, optimization and implementation of manufacturing processes.

Certifications:  
ISO 14001  
ISO 9001  
UNE EN 9100





# Index of Companies



**A**

ABANCE INGENIERÍA Y SERVICIOS, S.L.	52
ABENGOA HIDRÓGENO, S.A.	76
ACITURRI COMPOSITES, S.L.U.	88
ACITURRI METALLIC PARTS, S.L.U.	90
ACUNTIA, S.A.	144
ADAPTIVE SYSTEMS, S.A.	138
ADELTE INGENIERÍA DEL TRANSPORTE, S.L.U.	44
AERLYPER, S.A.	92
AEROMARINE	54
AEROSPACE ENGINEERING GROUP, S.L.	118
AIRBUS DEFENCE AND SPACE, S.A.	94
AIRBUS HELICOPTERS ESPAÑA, S.A.	96
AIR-RAIL, S.L.	232
ALCORCE TELECOMUNICACIONES, S.L.	182
ALONSO HIPERCAS, S.A.	192
ALTEN SOLUCIONES, PRODUCTOS, AUDITORÍA E INGENIERÍA, S.A.	244
ALTRAN INNOVACIÓN, S.L.	246
APOYO LOGÍSTICO INTEGRADO, S.L.	76
ARGONET COMUNICACIONES, S.L.	182
ARIES INDUSTRIAL Y NAVAL SERVICIOS, S.L.U.	232
ARIETE SEGURIDAD, S.A.	232
ARMANDO CALERO E HIJOS, S.L.	76
ARPA	194
ARTEIXO TELECOM, S.A.	182
ASON ELECTRÓNICA AERONÁUTICA, S.A.	118
ASTILLEROS CANARIOS, S.A.	76
ASTILLEROS GONDÁN, S.A.	56
ATOS IT SOLUTIONS AND SERVICES IBERIA, S.L.	146
AUCAR TRAILER, S.L.	44

AUSA CENTER, S.L.U.	44
AUTEK INGENIERÍA, S.L.	182
AVANSIS INTEGRACIÓN, S.L.	183

**B**

BLANCH INTERNACIONAL & ASOCIADOS, S.L.	183
BUQUELAND EMPRESA EUROPEA DE LA INGENIERÍA DE LA CALIDAD	232

**C**

CALZADOS ROBUSTA, S.L.	233
CAMAR INDUSTRIAL, S.A.	58
CARPINTERÍA NUESTRA SEÑORA DE LOURDES, S.L.	77
CASLI, S.A.	44
CAUCHOS PUNTES, S.L.	45
CELESTICA VALENCIA, S.A.	148
CENTRO REGIONAL DE SERVICIOS AVANZADOS, S.A.	183
CENTUM SOLUTIONS, S.L.U.	150
CIMSA INGENIERÍA DE SISTEMAS, S.A.	196
COMERCIAL E INDUSTRIAL EUROIBÉRICA, S.A.	45
COMERCIAL HERNANDO MORENO, S.L.	45
COMPAÑÍA DE INSTRUMENTACIÓN Y CONTROL, S.L.	183
COMPAÑÍA DE RECTIFICADOS DE CÓRDOBA, S.A.	45
COMPAÑÍA ESPAÑOLA DE PETRÓLEOS, S.A.U.	233
COMPAÑÍA ESPAÑOLA DE SISTEMAS AERONÁUTICOS, S.A.	98
COMPAÑÍA LOGÍSTICA DE HIDROCARBUROS CLH, S.A.	233
COMPUTADORAS, REDES E INGENIERÍA, S.A.U.	100
CONSTRUCCIONES FRANCISCO ROCA SÁNCHEZ, S.L.	233
CONSTRUCCIONES NAVALES P. FREIRE, S.A.	60
CONSULTORES DE SISTEMAS DE AERONÁUTICA, S.A.	118
CONSUR, S.A.	118

## Index of Companies

COS MANTENIMIENTO, S.A.  
COTECO INFORMÁTICA INTERNACIONAL, S.L.  
CT INGENIEROS AAI, S.L.  
CT INGENIEROS DE GALICIA NAVALES A.A.I., S.L.

### D

DANIMA INGENIERÍA AMBIENTAL, S.A. 46  
DAS PHOTONICS, S.L. 184  
DESARROLLO DE EQUIPOS MILITARES, S.L.U. 234  
DESARROLLO TÉCNICAS INDUSTRIALES DE GALICIA, S.A. 62  
DESOXIDADOS Y PINTURAS INDUSTRIALES, S.A. 234  
DISEÑO NAVAL E INDUSTRIAL, S.L. 77  
DISEÑOS Y PROYECTOS TÉCNICOS, S.A. 198

### E

EASA NAVAL, S.L. 234  
ECIA XEMEIN 138  
EINSA 104  
EL CORTE INGLÉS, S.A. 200  
ELECTROCANTERAS, S.L. 77  
ELECTRO RUIZ, S.A. 202  
ELECTROSONI, S.L. 152  
ELIMCO SISTEMAS, S.L. 184  
ELINCO CONSTRUCCIONES ELÉCTRICAS, S.L. 204  
ELSAT, S.L. 185  
EL SIGLO 1870, S.L. 234  
EMPRESA MADRILEÑA DE TELECOMUNICACIONES, S.L. 185  
EMTE SERVICE, S.A.U. 235  
EPOCHE & ESPRI, S.L. 185  
EPTISA TECNOLOGÍAS DE LA INFORMACIÓN, S.A. 185

ETEL 88, S.A. 119  
EULEN SEGURIDAD, S.A. 235  
EVERIS AEROESPACIAL Y DEFENSA, S.L.U. 186  
EVERIS SPAIN, S.L.U. 252  
EXCEM GRUPO 1971, S.A. 186  
EXPAL SYSTEMS, S.A. 124

### F

FÁBRICA ESPAÑOLA DE CONFECCIONES, S.A. 206  
FACET BOX, S.L. 235  
FAL CALZADOS DE SEGURIDAD, S.A. 235  
FALKEN, S.A. 138  
FCC INDUSTRIAL E INFRAESTRUCTURAS ENERGÉTICAS, S.L.U. 154  
FEDUR, S.A. 236  
FEJIMA, S.A. 78  
FELIPE DEL ROSARIO HERNÁNDEZ, S.L. 78  
FLAVIA AERONÁUTICA Y SISTEMAS, S.L. 119  
FLUIDMECANICA SUR, S.L. 64  
FOROVE, S.L. 78  
FRIMARTE, S.L. 236  
FRÍO CLIMA VALENTÍN, S.L. 236  
FRIZONIA REFRIGERACIÓN Y CLIMATIZACIÓN, S.L. 236  
FUNDACIÓN ANDALUZA PARA EL DESARROLLO AEROESPACIAL 119  
FUNDACIÓN TECNALIA RESEARCH & INNOVATION 186  
FUTURE SPACE, S.A. 186

### G

GABRIEL BALLESTER, S.L. 78  
GADITANA DE CHORRO Y LIMPIEZA, S.L. 79  
GAHN, LOGÍSTICA, GESTIÓN Y CONSULTORÍA, S.A. 252

GAUZÓN IBÉRICA, S.L.  
 GDELS-SANTA BÁRBARA SISTEMAS, S.A.  
 GESTAIR MAINTENANCE, S.L.U.  
 GHENOVA INGENIERÍA, S.L.  
 GMV AEROSPACE AND DEFENCE, S.A.U.  
 GRUPO DE INGENIERÍA, RECONSTRUCCIÓN Y RECAMBIOS JPG, S.A.  
 GRUPO INTAF  
 GTD SISTEMAS DE INFORMACIÓN, S.A.U.  
 GUTMAR, S.A.

## H

HERCULES DE ARMAMENTO, S.L.  
 HISDESAT SERVICIOS ESTRATÉGICOS, S.A.  
 HISPANO VEMA, S.L.

## I

IBATECH TECNOLOGÍA, S.L.U.  
 IBER PRECIS, S.L.  
 IBETOR, S.L.  
 I.C.A. INFORMÁTICA Y COMUNICACIONES AVANZADAS, S.L.  
 IKM TESTING SPAIN, S.L.  
 IMPRIMACIONES MAJANO, S.L.  
 INDITE 2000, S.L.  
 INDRA  
 INDUSTRIA DE TURBO PROPULSORES, S.A.  
 INDUSTRIAL CARTHAGO BUQUES, S.L.  
 INDUSTRIAL DE ACABADOS, S.A.  
 INDUSTRIAL MATRICERA PALENTINA, S.L.U.  
 INDUSTRIAL SEDO, S.L.

79  
 26  
 119  
 248  
 156  
 28  
 79  
 158  
 208

138  
 106  
 210

139  
 237  
 160  
 187  
 79  
 237  
 46  
 162  
 108  
 80  
 80  
 237  
 237

INDUSTRIAS HIDRÁULICAS ROSPA, S.L.U.  
 INFORMÁTICA EL CORTE INGLÉS, S.A.  
 INGENIERÍA DE SISTEMAS PARA LA DEFENSA DE ESPAÑA, S.A.  
 INGENIERÍA SEMASA, S.A.  
 INMAPA AERONÁUTICA, S.L.U.  
 INMIZE SISTEMAS, S.L.  
 IN-NOVA, PROGRAMA DE INNOVACIÓN INTERNACIONAL, S.L.  
 INNOVATION FOR SHELTER, S.L.  
 INSTALACIONES INABENSA, S.A.  
 INSTALAZA, S.A.  
 INSTER  
 INTEGRACIÓN TECNOLÓGICA EMPRESARIAL, S.L.U.  
 INTERGRAPH ESPAÑA, S.A.  
 ISOWAT MADE, S.L.  
 ITURRI, S.A.  
 IVECO ESPAÑA, S.L.

80  
 187  
 250  
 120  
 120  
 139  
 252  
 212  
 238  
 126  
 164  
 252  
 187  
 214  
 216  
 30

## J

JOJACAR TELECOMUNICACIONES, S.L.

187

## K

KRC ESPAÑOLA, S.A.

166

## L

LANGA INDUSTRIAL, S.A.  
 LATECOERE SERVICES IBERIA, S.L.  
 LEEWARD ESPAÑA, S.L.  
 LINDE MATERIAL HANDLING IBÉRICA, S.A.

110  
 120  
 238  
 238

## Index of Companies

### M

MÁLAGA AEROSPACE, DEFENSE AND ELECTRONICS SYSTEMS, S.A.U.	168
MANN+HUMMEL IBÉRICA, S.A.U.	46
MANTENIMIENTO Y SERVICIOS TECMAN, S.L.	238
MARZASA - MARTÍN ZABALLOS, S.A.	32
MBDA ESPAÑA, S.L.	139
MECÁNICA DE PRECISIÓN TEJEDOR, S.A.	239
MECÁNICAS BOLEA, S.A.	239
MECANIZADOS, S.A.	239
MENPRO GESTIONES DOCUMENTARIAS	139
METALMECÁNICAS HERJIMAR, S.L.	66
METALUR TRES CAMINOS, S.L.	80
MEYCAGESAL, S.L.U.	81
MILETHOS TECHNOLOGIES, S.L.	188
MILITÄRTECHNOLOGIE, DIENST UND ÜBERWACHUNG, S.A.U.	112
MOTORAZA, S.L.	81

### N

NAMMO PALENCIA, S.L.	128
NAVANTIA, S.A.	68
NEW TECHNOLOGIES GLOBAL SYSTEMS, S.L.	140
NEXTEL AEROSPACE DEFENCE AND SECURITY, S.L.	170
NIGHTVISION LASERS SPAIN, S.L.	130
NORINVER MONTAJES E INGENIERÍA, S.L.	81
NÚCLEO DE COMUNICACIONES Y CONTROL, S.L.U.	172

### O

OTO MELARA IBÉRICA, S.A.U.	132
----------------------------	-----

### P

PAP TECNOS INNOVACIÓN, S.A.U.	134
PARAFLY, S.A.	218
PECOFACET IBÉRICA, S.A.	70
PENAME, S.L.	81
PINE INSTALACIONES Y MONTAJES, S.A.	239
PINTURAS ANSAPE, S.L.	82
PINTURAS HEMPEL, S.A.U.	82
PROTEC-FIRE, S.A.	34
PROYTECSA SECURITY, S.L.	36

### Q

QUATRIPOLE INGENIERÍA, S.L.	220
QUIMDUNAVAL, S.L.	82

### R

RAMEM, S.A.	120
REFRIGERACIÓN GUILLÉN, S.L.	82
RENOVA-MOTOR, S.L.	46
RODMAN POLYSHIPS, S.A.U.	72
RODRITOL, S.L.	83

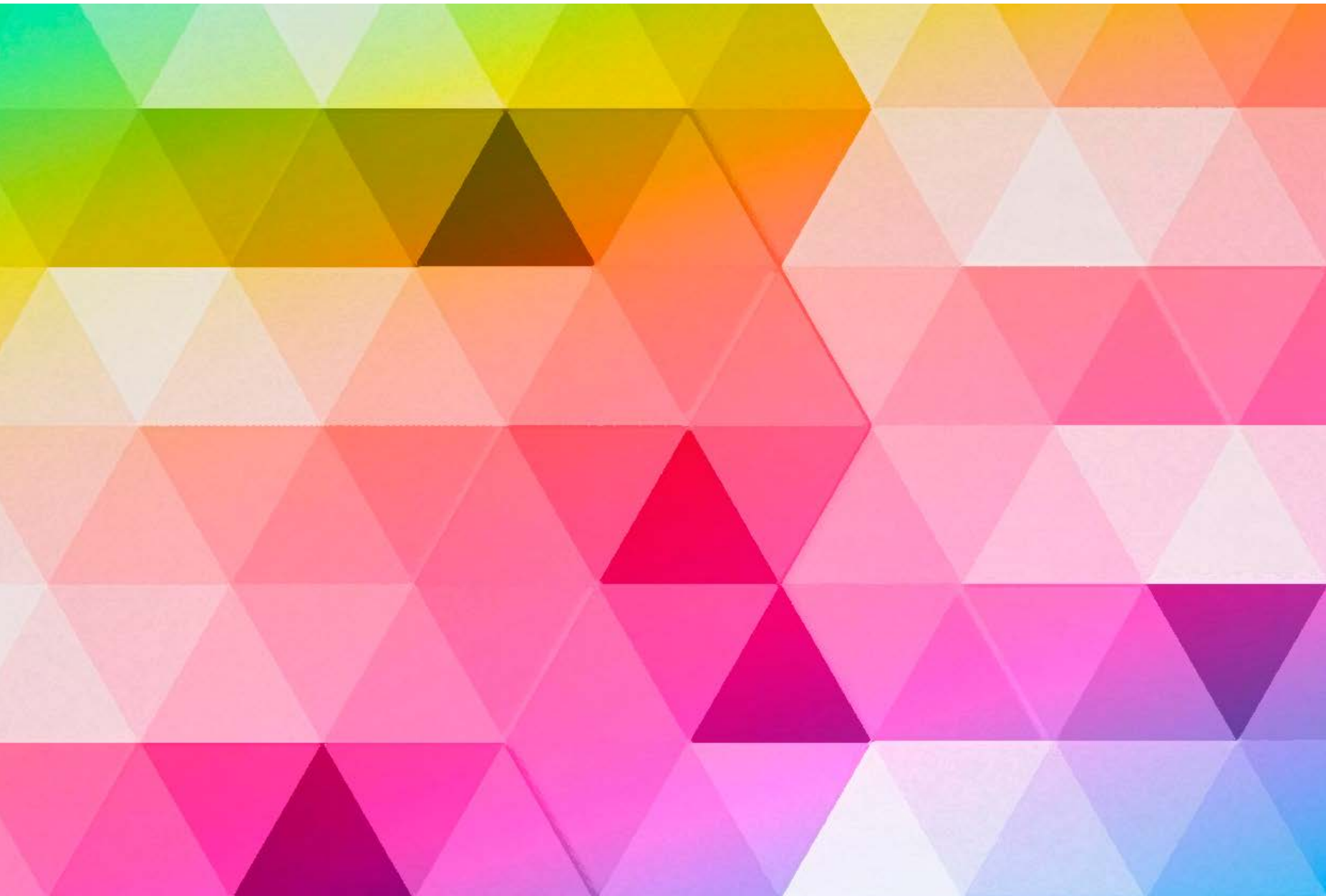
### S

S.A. DE ELECTRÓNICA SUBMARINA	74
SAFELAYER SECURE COMMUNICATIONS, S.A.	188
SAGRES, S.L.	240
SAIMA SEGURIDAD, S.A.	240



SAPA OPERACIONES, S.L.	38	TINCASUR SUR, S.L.	84
SEAPLACE, S.L.	83	TIRUÑA, S.L.	47
SEGULA TECNOLOGÍAS ESPAÑA, S.A.U.	253	TOLPIN, S.A.	228
SEGUR IBÉRICA, S.A.	240	TRANSMISEVILLA, S.L.	47
SENER INGENIERÍA Y SISTEMAS, S.A.	136	TURBAIR, S.A.	121
SERVICIOS DE TECNOLOGÍA, INGENIERÍA E INFORMÁTICA, S.L.	114		
SERVICIOS LOGÍSTICOS INTEGRADOS, S.A.	222	<b>U</b>	
SIADDE SOLUCIONES, S.A.	188	UNIÓN CASTELLANA DE ALIMENTACIÓN, UCALSA, S.A.	230
SISTEMAS DE CONTROL REMOTO, S.L.	116	UP LIFTING VERTICAL, S.A.	48
SISTEMAS DE INTERCONEXIÓN, S.A.	224	URO, VEHÍCULOS ESPECIALES, S.A.	42
SISTEPLANT, S.L.	253		
SOFTWARE INGENIEROS, S.L.	188	<b>V</b>	
STAR DEFENCE LOGISTICS & ENGINEERING, S.L.	47	VT PROYECTOS, S.L.	48
SUMINISTROS DE CONECTORES PROFESIONALES, S.A.	226		
		<b>X</b>	
<b>T</b>		XINERGIA ECO CONSULTING, S.L.	84
TALLERES GRUYMA, S.L.	47		
TALLERES RENAIN, S.A.L.	83	<b>Y</b>	
TECHCO SECURITY	240	YUMA	241
TECHNO PRO HISPANIA, S.L.	83		
TECNOBIT, S.L.	174	<b>Z</b>	
TECNOCOM ESPAÑA SOLUTIONS, S.L.	189	ZF FRIEDRICHSHAFEN HOLDING ESPAÑA, S.L.U.	48
TECNOVE SECURITY, S.L.	40		
TELECOMUNICACIÓN, ELECTRÓNICA Y CONMUTACIÓN, S.A.	176		
TELESPAZIO IBÉRICA, S.L. UNIPERSONAL	178		
TELTRONIC, S.A.U.	189		
TEXTIL SANTANDERINA, S.A.	241		
THALES PROGRAMAS DE ELÉCTRONICA Y COMUNICACIONES, S.A.	180		
TICOMSA SISTEMAS, S.L.	189		





# Points of Contact



## Ministry of Defence

DIRECCIÓN GENERAL DE ARMAMENTO Y MATERIAL  
*GENERAL DIRECTORATE OF ARMAMENTS AND MATERIAL*

SUBDIRECCIÓN GENERAL DE RELACIONES INTERNACIONALES  
*UNDER-DIRECTORATE FOR INTERNATIONAL RELATIONS*

OFICINA DE APOYO EXTERIOR (OFICAEX)  
*FOREIGN SUPPORT OFFICE (OFICAEX)*

Corporate E-mail: [dgam.rein.apoyoext@oc.mde.es](mailto:dgam.rein.apoyoext@oc.mde.es)  
 Phone: +34 91 774 3632  
 Fax: +34 91 395 51 82  
 Paseo de la Castellana, 109, 3ª Planta; 28046 MADRID

## Defence Attache Offices

AFGHANISTAN (AFGHANISTAN and PAKISTAN)  
 Phone: +34 91 774 3800  
 E-mail: [agremilka@hotmail.com](mailto:agremilka@hotmail.com); [espdefence@gmail.com](mailto:espdefence@gmail.com)

ALGERIA  
 Phone: + 213 21 68 12 89  
 Fax: + 213 21 68 13 07  
 E-mail: [agredarg@oc.mde.es](mailto:agredarg@oc.mde.es)

ARGENTINA (ARGENTINA, PARAGUAY and URUGUAY)  
 Phone: +34 91 7743877; + 54 11 48020218; + 54 11 48031001  
 Fax: + 54 11 4803 8118  
 E-mail: [agredair@oc.mde.es](mailto:agredair@oc.mde.es)

AUSTRALIA (AUSTRALIA and NEW ZEALAND)  
 Phone: +61262735009  
 Fax: +61 2 6273 2009  
 E-mail: [agredcan@oc.mde.es](mailto:agredcan@oc.mde.es)

BRAZIL  
 Phone: +34 917743925; + 55 61 32428120  
 Fax: + 55 61 34434873  
 E-mail: [agredbra@oc.mde.es](mailto:agredbra@oc.mde.es)

CHILE (BOLIVIA and CHILE)  
 Phone: +34 91 774 3929; + 56 2 2630750; + 56226320748  
 Fax: + 56 2 2632 0752  
 E-mail: [agredchil@oc.mde.es](mailto:agredchil@oc.mde.es)

CHINA  
 Phone: +34 91 774 3953; + 86 10 65325547  
 Fax: +861065321150  
 E-mail: [agredpek@oc.mde.es](mailto:agredpek@oc.mde.es)

## Points of Contact

### COLOMBIA (COLOMBIA and ECUADOR)

Phone: +34 91 774 3889; + 57 1 635 36 78

Fax: + 57 1 635 22 76

E-mail: [agredbog@oc.mde.es](mailto:agredbog@oc.mde.es)

### CUBA (CUBA and DOMINICAN R)

Phone: +34 91 774 3941; + 53 7 866 2938

Fax: + 53 7 866 2937

E-mail: [agredhab@hotmail.es](mailto:agredhab@hotmail.es)

### EGYPT (EGYPT and JORDAN)

Phone: +34 91 774 3861; + 20 22 7354389; + 20 22 7361683

Fax: + 20 22 735 9521

E-mail: [agredcai@oc.mde.es](mailto:agredcai@oc.mde.es)

### FRANCE

(BELGIUM, FRANCE, LUXEMBOURG and THE NETHERLANDS)

Phone: +34 91 774 3801; + 33 144431880/81/83

Fax: + 331 47205305

E-mail: [agredpar@oc.mde.es](mailto:agredpar@oc.mde.es)

### GERMANY (AUSTRIA, GERMANY and SWITZERLAND)

Phone: +34 91 774 3817; + 49 30 254 007 301

Fax: + 49 30 254007703

E-mail: [agredber@oc.mde.es](mailto:agredber@oc.mde.es)

### GREECE

(BOSNIA AND HERZEGOVINA, CROATIA, GREECE and SERBIA)

Phone: +34 91 774 3897; + 30 210 7220336

Fax: + 30 210 722 2923

E-mail: [agredate@oc.mde.es](mailto:agredate@oc.mde.es)

### HUNGARY (CZECH R, HUNGARY, ROMANIA and SLOVAKIA)

Phone: +34 91 774 3945; +36 1 326 4015

Fax: + 361 3264034

E-mail: [agredbud@oc.mde.es](mailto:agredbud@oc.mde.es)

### INDIA

Phone: (+91) 1147586501

Fax: (+91) 1147586504

E-mail: [agredndelhi@oc.mde.es](mailto:agredndelhi@oc.mde.es)

### INDONESIA

Phone: + 62 21 392 3937; + 62 21 314 23 55 Ext 217

Fax: +62-21 319 35 134

E-mail: [agredyak@mde.es](mailto:agredyak@mde.es)

### ISRAEL

(CYPRUS and ISRAEL)

Phone: +34 91 774 3969; + 972 3 6950573

Fax: + 972 3 6910813

E-mail: [agredtel@oc.mde.es](mailto:agredtel@oc.mde.es)

### ITALY

(ITALY, MALTA and SLOVENIA)

Phone: +34 91 774 3853; + 39 06 3204690

Fax: + 39 06 3220465

E-mail: [agredroma@oc.mde.es](mailto:agredroma@oc.mde.es)

### MALAYSIA

Phone: +34 91 774 3993; + 60321810753

Fax: + 603 21 64 27 53; + 603 21 63 24 16

E-mail: [agredkua@oc.mde.es](mailto:agredkua@oc.mde.es)

### MAURITANIA

(CAPE VERDE, MALI, MAURITANIA and SENEGAL)

Phone: +34 91 7743562; + 222 4524 3668

Fax: + 222 4525 2137; + 222 4525 4088

E-mail: [agrednouak@oc.mde.es](mailto:agrednouak@oc.mde.es); [agrednouak@gmail.com](mailto:agrednouak@gmail.com)

### MEXICO

Phone: +34 91 774 3933; + 52 55 52821685

Fax: + 52 55 52801375

E-mail: [agredmex@oc.mde.es](mailto:agredmex@oc.mde.es)



## MOROCCO

Phone: +34 91 774 3825; + 212 537 633939

Fax: + 212 537 759122

E-mail: [agredrab@oc.mde.es](mailto:agredrab@oc.mde.es)

## NICARAGUA

(EL SALVADOR, GUATEMALA, HONDURAS and NICARAGUA)

Phone: +34 91 774 3937; + 505 22 76 08 26; + 505 22 76 12 22; +

505 22 76 27 26

Fax: + 505 22 76 21 82

E-mail: [agredman@oc.mde.es](mailto:agredman@oc.mde.es)

## NORWAY

(DENMARK, FINLAND, ICELAND, NORWAY and SWEDEN)

Phone: +47 2292 6684

Fax: +47 2255 0452

E-mail: [agredosl@oc.mde.es](mailto:agredosl@oc.mde.es)

## PERU

Phone: +5116374040; +5112125155 Ext 235

Fax: +5116374041

E-mail: [agredlim@mde.es](mailto:agredlim@mde.es)

## PHILIPPINES

Phone: + 63 2 757 4028; + 63 2 843 1781

Fax: + 63 2 757 4028

E-mail: [agredmanila@oc.mde.es](mailto:agredmanila@oc.mde.es)

## POLAND (ESTONIA, LATVIA, LITHUANIA, POLAND and UKRAINE)

Phone: +34 91 774 3917; + 48 22 6251182

Fax: + 48 22 6251196

E-mail: [agredvar@oc.mde.es](mailto:agredvar@oc.mde.es)

## PORTUGAL

Phone: +34 91 774 3869; + 351 213224600 /6

Fax: + 351 213224602

E-mail: [agredlis@oc.mde.es](mailto:agredlis@oc.mde.es)

## RUSSIA

(BELARUS, KAZAKHSTAN, RUSSIA, TAJIKISTAN, TURKMENISTAN and UZBEKISTAN)

Phone: +34 91 774 3905; + 7 495 9566345

Fax: + 7 495 9563380

E-mail: [agredmos@oc.mde.es](mailto:agredmos@oc.mde.es)

## SAUDI ARABIA

(BARHAIN, KUWAIT, QATAR and SAUDI ARABIA)

Phone: +34 91 774 3921; +966 1480 1809

Fax: + 966 1 4880644

E-mail: [agredriad@oc.mde.es](mailto:agredriad@oc.mde.es)

## SOUTH AFRICA

(ANGOLA, LESOTHO, MOZAMBIQUE, NAMIBIA and SOUTH AFRICA)

Phone: + 27 12 460 24 66

Fax: + 27 12 346 6684

E-mail: [agredpre@oc.mde.es](mailto:agredpre@oc.mde.es)

## SOUTH KOREA (JAPAN and SOUTH KOREA)

Phone: +34 91 774 3957; + 82 2 792 3722

Fax: + 82 2 794 5761

E-mail: [agredseu@oc.mde.es](mailto:agredseu@oc.mde.es)

## THAILAND

(SINGAPORE, THAILAND and VIETNAM)

Phone: +34 917743587; +66 2 661 96 71 / 72

Fax: + 66 2 661 96 74

E-mail: [agredban@mde.es](mailto:agredban@mde.es)

## TUNISIA

(LIBYA and TUNISIA)

Phone: +34 91 774 3901; + 216 71 232 166

Fax: + 216 71 232301 / 615

E-mail: [agredtunez@et.mde.es](mailto:agredtunez@et.mde.es)

## Points of Contact

TURKEY  
(ALBANIA, AZERBAIJAN, BULGARIA and TURKEY)  
Phone: +34 91 774 3893; + 90 312441 0648 / 5256  
Fax: + 90 312 439 2810  
E-mail: [agredank@oc.mde.es](mailto:agredank@oc.mde.es)

UNITED ARAB EMIRATES  
(OMAN, U.A.E. and YEMEN)  
Phone: + 971 26 28 24 48  
Fax: + 971 627 49 78  
E-mail: [agregabud@gmail.com](mailto:agregabud@gmail.com)

UNITED KINGDOM  
(IRELAND and UNITED KINGDOM)  
Phone: +34 91 774 3809; + 44 207 313 9078  
Fax: + 44 207 792 4570  
E-mail: [agredlon@oc.mde.es](mailto:agredlon@oc.mde.es)

UNITED STATES OF AMERICA  
(CANADA and U.S.A.)  
Phone: +34 91 774 3833; + 1 202 244 0093  
Fax: + 1 202 3623993  
E-mail: [agredwas@oc.mde.es](mailto:agredwas@oc.mde.es)

VENEZUELA  
Phone: +34 91 774 3913; + 58 212 2656526  
Fax: + 58 212 2632280  
E-mail: [agredcaracas@oc.mde.es](mailto:agredcaracas@oc.mde.es)

## Defence Counsellors to International Organizations

NATO (BRUSSELS)  
Phone: + 32 2 707 6550  
Fax: + 32 2 707 6537  
E-mail: [condefotan@oc.mde.es](mailto:condefotan@oc.mde.es)

EU (BRUSSELS)  
Phone: + 91 774 3992; + 32 2 509 88 57  
Fax: + 32 2 502 89 75  
E-mail: [condefue@oc.mde.es](mailto:condefue@oc.mde.es)

UN (NEW YORK)  
Phone: + 34 91 774 3974; + 1 212 317 8232  
Fax: + 1 212 9229049  
E-mail: [condefonu@oc.mde.es](mailto:condefonu@oc.mde.es)

OSCE (VIENNA)  
Phone: + 43 1 5058600 383  
Fax: + 43 1 5058600 388  
E-mail: [condefosce@mde.es](mailto:condefosce@mde.es)



SECRETARÍA  
GENERAL  
TÉCNICA

SUBDIRECCIÓN GENERAL  
DE PUBLICACIONES  
Y PATRIMONIO CULTURAL

