

FIDAE  2022

**FIDAE 2022**  
Santiago - Chile  
5-10 April 2022



**French Aerospace and Defense Industry**



# GIFAS – FRENCH AEROSPACE INDUSTRIES ASSOCIATION

*The French aerospace Industry, gathered by GIFAS, is delighted to be of the FIDAE 2022 exhibition; an excellent opportunity for the small and medium French firms to meet their local and international counterparts and join the challenge in search of success and setting up local partnerships.*

With more than 400 members, GIFAS is a professional body which brings together the main French aviation, space, defence and security players.

## **Our main objectives :**

- Represent and coordinate the industry's activities.
- Analyse and defend members' interests (trade – standardization – environment, etc.).
- Promote our aerospace excellence.

Since 1909, GIFAS and the French industry organize, every two years, the International Paris Air Show.

GIFAS (Groupement des Industries Françaises Aéronautiques et Spatiales), the French Aerospace Industries Association, is an industry body formed in 1908, that brings together **more than 400 companies** ranging from the main prime contractors and system suppliers to SMEs that together form a cohesive, supportive and hard driving **high technology sector** specializing in the design, development, construction, marketing and maintenance of all **aeronautical and space programmes and equipment**, both **civilian and military**, as well as **defence and security systems** – planes, helicopters, drones, engines, devices and missiles, satellites and space launchers, majors systems and equipment.



2020 revenues : €50.9 bn



81% to export (consolidated revenues)



2020 total orders : €28,2 bn



68% Civil Vs 32% Defense



194 000 people (total employed in France by GIFAS members)



10% in Research & Development (total revenues)



[www.gifas.fr](http://www.gifas.fr)



[@GifasOfficiel](https://twitter.com/GifasOfficiel)



[@GifasOfficiel](https://www.facebook.com/GifasOfficiel)

French Aerospace and Defence Industry



**Main Activity :** INTERCONNECT SOLUTIONS FOR AERONAUTICS AND SPACE



**Annual turnover (in €M) :** 170M€

Axon' Cable designs and manufactures wires, composite cables, cable assemblies, miniature connectors and mini-systems for high-tech applications. Flexibility, fast integration, weight and space saving, high frequency, high data rate, EMC performance, extreme temperatures, resistance to radiation, these are the qualities of interconnect solutions offered by Axon' for avionics and space applications. For a better sales support in South America, Axon' has set up a subsidiary in Brazil since 2013.



*Versatys Connector - Ultra fast connection*



*Cabling and Harnessing*



*High data rate*

**Contact :**

Paul Louis Hernandez  
General Manager Axon' Brazil  
00552199128-8066  
0033326817000  
033326817240  
pl.hernandez@axon-cable.com

**AXON' CABLE**

2, route de Châlons en Champagne  
51210  
FRANCE

<http://www.axon-cable.com>

## Main Activity :

DEFENSE & HOMELAND SECURITY



Annual turnover (in €M) : €202 million

CS GROUP, is a French group, with €202 million in revenues and 2,005 employees worldwide, which manages a portfolio of solutions and products with expertise in major economic sectors, such as: defense and security, space, aeronautics.

CS GROUP is pleased to welcome you on French Pavilion in order to present you our innovative and secured combat proven solutions and capabilities in the following areas:

- Maritime Surveillance: Over The Horizon HF radar that enables the detection of all ships in your EEZ,
- Military GPS,
- Counter UAV: integrated solution from detection to neutralization of micro drones,
- Area Surveillance and Crisis Management,
- Tactical Data Links and armed forces training,
- Virtual Maintenance Training tool.

Our key references : French Airforce, Navy, Police, Fire brigades, NATO, and other forces from all over the world.

## Contact :

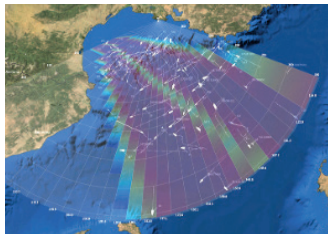
Morel Frédéric  
Export Trade Manager  
+33 (0) 6 08 04 55 57  
+33 (0) 1 41 28 98 58  
+33 (0) 6 07 15 25 52

[frederic.morel@csgroup.eu](mailto:frederic.morel@csgroup.eu)

## CS GROUP

22 Avenue Galilée  
92350  
France

<http://www.csgroup.eu>



OTH RADAR



COUNTER-UAV SOLUTION



CRISIS MANAGEMENT SOLUTION

French Aerospace and Defence Industry



## Main Activity :

### INTERNATIONAL PARIS AIRSHOW



INTERNATIONAL  
PARIS AIR SHOW  
LE BOURGET

Energize business opportunities and make an impact,  
Join us for the Paris Air Show 2023, June 19th to 25th!

It is now time, with renewed enthusiasm and in synergy with our dynamic forward-looking market to prepare for an exceptional new edition of the world's largest aerospace event:

- an undeniable showcase for all technologies and applications that are being developed throughout the aerospace sector
- including emerging disruptive trends and innovation (150 start-ups from 21 countries\*) through live demonstrations and discussion forums
- an international meeting that brings together 2,450 exhibitors from 49 countries and 316,470 visitors\* (Trade and General Public)
- Widespread media coverage (2700 journalists and extensive social media presence with active influencers\*)

After far too long an absence, we are impatient to welcome you back.



*\*Figures from 2019 edition*

### Contact :

Mrs Anne BOISSELET  
Sales Manager  
anne.boisselet@siae.fr

Mrs Lorna GRANT  
Sales Manager  
lorna.grant@siae.fr

### INTERNATIONAL PARIS AIRSHOW

13-15 rue des Sablons  
75116  
FRANCE

[www.siae.fr](http://www.siae.fr)

French Aerospace and Defence Industry



## Main Activity :

COUNTERMEASURES SYSTEMS AND AMMUNITION



**Annual turnover (in €M) :** 144M€

The Etienne Lacroix Group, based in France and founded in 1848, is a family-owned pyrotechnic systems integrator, with applications in the defense, the law enforcement and the civil safety sectors.

Within the group, the Lacroix business unit provides the Armed Forces, in France and worldwide, with a complete range of self-protection pyrotechnic systems, ammunition and training devices for:

- airborne (chaff and flares)
- land (smoke masking)
- naval platforms (corner reflectors)

The company designs, manufactures and supplies pyrotechnic systems to meet military, civil and space requirements. The product development is a combination of expertise, coming mostly from its own R&D, with active support from electronic warfare specialists (French DGA), industrial partners, as well as operational forces to capitalize on the latest operational knowledge and feedback.

At this year's FIDAE exhibition, Lacroix will be present on the France Pavilion and pleased to introduce its latest technology for self-protection, with its full range of MTV, Spectral and kinematics flares.

### Contact :

SOFFYS François  
BUSINESS DEVELOPMENT MANAGER  
AMERICAS/EUROPE  
+33 5 61 67 78 79  
+33 6 08 46 10 25  
+33 5 61 67 79 00  
francois.soffys@etienne-lacroix.com

### LACROIX

Route de Gaudiès  
09270  
FRANCE

<http://www.lacroix-defense.com>

## Main Activity :

TELECOMMUNICATIONS AND RF SOLUTIONS FOR SECURITY AND DEFENCE



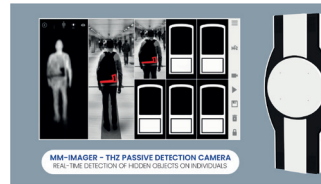
Annual turnover (in €M) : 9 M

Created from a research center of the University of Lille 1 specialized in microwave microelectronics, MC2 Technologies has become in a few years a key player on the global markets of anti-drone, hidden object detection and very high speed secure telecommunications. Thanks to its mastery of microwave technologies, MC2 Technologies now offers a complete solution for anti-drone warfare (LAD), a new system for the fight against radio-controlled improvised explosive devices (RC-IEDs) and a portable control system which is part of the solutions labelled for the security of the 2024 Olympic and Paralympic Games and which allows the control of moving crowds.

The french company has been certified ISO 9001 since April 2021 and has a strong will to design, manufacture and produce on French or even European ground. In addition, MC2 Technologies aims at mastering a diversification strategy into dynamic sectors that ensures the company's continued growth concomitantly to its R&D program.



*Counter measures for RC-IEDs and UAVs*



*THZ Passive Camera for Object Detection MM-IMAGER*

## Contact :

Geoffrey BEAUDOUX

Sales Engineer

+33602182779

+33320045567

+33974367033

[jderegnacourt@mc2-technologies.com](mailto:jderegnacourt@mc2-technologies.com)

## MC2 TECHNOLOGIES

1 Rue Heracles

59493

France

<https://www.mc2-technologies.com/>

French Aerospace and Defence Industry





## Main Activity :

SPECIALTY LUBRICANTS AND SYNTHETIC ESTERS FOR AIRCRAFT, HELICOPTERS AS WELL AS AIR, LAND AND MARINE MILITARY EQUIPMENT



NYCO is a worldwide-recognized manufacturer of specialty lubricants for Aeronautics, Defence.

Thanks to 60 years' field experience in defence business and pioneering in turbine oil development, NYCO has become the reference supplier for Air-Sea-Land Forces and Administrations all over the world.



*AERONAUTICS*



*DEFENCE*



*TURBONYCOIL 600*

## Contact :

Julie GRAFF  
Communication & RP Manager  
+33643743314  
+33643743314  
+33643743314  
julie.graff@nyco-group.com

## NYCO

66, avenue des Champs-Élysées  
75366  
France

<https://www.nyco-group.com/>

French Aerospace and Defence Industry



**Main Activity :**  
SHIPBUILDING



**Annual turnover (in €M) :** 150 000 000

OCEA: UN ENFOQUE PERSONALIZADO PARA LA SEGURIDAD Y LA PROTECCIÓN MARÍTIMA Astillero francés, OCEA está especializado desde hace más de 30 años en el diseño, construcción naval, marketing y soporte a embarcaciones de aluminio de hasta 90 metros.

Para cumplir con los requerimientos de nuestros clientes que son responsables de la administración y la seguridad de la Zona Económica Exclusiva, desarrollamos una oferta global con soluciones innovadoras y competitivas específicas para sus misiones:

- Seguridad marítima: barcos fluviales, lanchas patrulleras rápidas y patrulleras mar adentro
- Protección marítima: interceptores y barcos de mando
- Embarcaciones auxiliares: embarcaciones de apoyo en alta mar, embarcaciones de desembarco y embarcaciones de entrenamiento.
- Una oferta global de servicios de Soporte Logístico Integrado

El objetivo constante de OCEA es brindar a sus clientes una oferta global, a través de un enfoque de consultoría personalizado, una gran variedad de embarcaciones y un conjunto completo de servicios. Para el equipo de OCEA, es fundamental estudiar detenidamente la flota y organización existente del cliente. Sobre esa base, nuestro departamento de diseño integrado y una organización dedicada a la gestión de los proyectos, OCEA propone soluciones competitivas, integrales y personalizadas basadas en gamas de embarcaciones probadas en el mar. Optimizamos nuestra oferta global para integrar sus requisitos y necesidades específicas con una misión: ser su socio experto en todo momento.

**Contact :**

HERNANDES Yorgo  
Director Americas  
+33607503974  
+33251763825  
+33251763825  
yclement@oceaf.fr

**OCEA S.A.**

AVENUE DE PENHOUET  
44600  
France

<http://www.ocea-ssm.com>



*Vues\_ORION\_Site OCEA*



*OCEA\_OPV270*



*OCEA\_OPV150*

## Main Activity :

MANUFACTURING, DESIGN & CERTIFICATION



Annual turnover (in €M) : 50M€

Recaero Group offers a range of services including design, certification and manufacturing activities, 100% aeronautical oriented. Recaero experienced design team works in close collaboration with its technical offices strong of over 25 years of experience, to ensure the best technical solution. Thanks to its internal design & manufacturing capabilities, Recaero can offer true design to cost and deliver parts or kits under unmatched lead time. Trusted by many airlines for their STC or minor modifications under our DOA EASA.21J.664. Recaero Group, one stop service offer for modifications & Repairs, Recaero, Your DOA / POA / MOA services provider DOA EASA.21J.664 / POA FR.21G.0181 / MOA FR.145.0756



BSI CD on B737NG



Key notes activities



Recaero People

## Contact :

Rodrigues Francisco  
Head of Business Development  
+351 918650349  
+55 12997917671  
+33780562296  
fr Rodrigues@recaero.fr

## RECAERO GROUP

515 Rue Antoine de Saint Exupéry  
09340  
France

<http://www.recaero.fr>

French Aerospace and Defence Industry



## Main Activity :

GOVERNANCE, AIRCRAFT EQUIPMENT, PROPULSION, INTERIORS, DEFENSE, SPACE



**Annual turnover (in €M) :** 15,3 Bi Euros

Our mission: Contribute to safer and more sustainable aviation An industrial high technology group - focused on meeting today's challenges More than 76000 employees in 345 locations across 31 countries

INNOVATION: Safran named among the Top 100 Global Innovators 2022

Discover more than 400 products & services: <https://www.safran-group.com>



SAFRAN A WORLD LEADER IN  
AEROSPACE



CARBON NEUTRALITY

## Contact :

SILVA SILVANA

+552197632-2079

+55213651-7244

+552136517200

[silvana.silva@safrangroup.com](mailto:silvana.silva@safrangroup.com)

## SAFRAN

Rua Capitão Guynemer, 1626

25250-615

Paris

<http://www.safran-group.com>

## Main Activity :

PURCHASE SALE EXPORTATION OF PRE-OWNED AIRCRAFTS - EXPORTACIÓN DE AERONAVES DE SEGUNDA MANO (AVIONES Y HELICÓPTEROS)



- MRO : Aircraft Inspection/Overhaul/Refurbishment services, Aircraft Upgrade/Modernization services, Component Test, Repair/Overhaul services qualified by OEMs for Aeronautical and GSE, Repair Management.
- Tailor Made Support : Operational Readiness Management (MCO), Distribution, OEMs Spare parts, Hardware GSE and specific tools supply, Armaments, ammunitions and security equipment supply
- Training : Pilots and Mechanics

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- MRO (Mantenimiento, Reparación y Operaciones) Servicios de inspección / revisión / reacondicionamiento / modernización de aeronaves, Pruebas, reparación/revisión, calibración, certificadas por los OEM aeronáuticos y terrestres, Gestión de reparaciones con una extensa red OEM.

- Soporte personalizado: Mantenimiento en Condición Operacional (MCO), Distribución, Piezas de repuesto OEM y consumibles Equipo de tierra y herramientas específicas, Armamento, armas y municiones y equipos de seguridad.

- Formación: Entrenamiento de pilotos y técnicos

## Contact :

LUCEREAU Bertrand  
C.E.O. SECAMIC  
00 33 1 39 24 35 55

## SECAMIC

75 rue de Lourmel  
75015  
FRANCE

<http://www.secamic.com>



*Gazelle + Epsilon*



*RedAir Mirage 2000*



*SECAMIC GROUP WORLDWIDE*

French Aerospace and Defence Industry



## Main Activity :

OEM OF GSE, HPU AND TOOLING

# TECHMAN-HEAD

**Annual turnover (in €M) : 25 000 000 EUR**

TMH AMS and TMH TOOLS – two companies of TECHMAN HEAD - are major worldwide OEM of Test Rigs, GSE and Tooling to support all customers in aircraft and helicopter maintenance works. In India, Jost's Engineering Ltd is our representative to support our customers in all phases of project and procurement as well as for service and maintenance.

- TMH-AMS : OEM of mobile hydraulic test stands up to 6000 PSI for maintenance purpose on civil (AIRBUS, BOEING,...) and military aircrafts, also helicopters, as well as stationary test stands for accessories tested with oil or fuel, with 75 years of experience over 85 countries.

- TMH-TOOLS : OEM of GSE and tooling, licensee for Boeing and UTC Goodrich, distributor licensee for Messier-Bugatti-Dowty, and also strong partnership with AIRBUS and ATR for more than 30 years.



*A320/B737 Tripod jack*



TMH-ams

*3000/5000 PSI Hydraulic mule*



*Potable Water Desinfection Unit*

## Contact :

LE DEVEHAT Eric  
REGIONAL SALES MANAGER  
+33633223925  
+33633223925  
+33633223925  
e.ledevhat@techman-head.com

## TECHMAN-HEAD

10 avenue Leonce Duteil  
86100  
FRANCE

<http://www.techman-head.com>

French Aerospace and Defence Industry



## Main Activity :

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**THALES**

## Annual turnover (in €M) : - -

Thales (Euronext Paris: HO) is a global leader in advanced technologies, investing in digital and “deep tech” innovations – connectivity, big data, artificial intelligence, cybersecurity and quantum computing – to build a confident future crucial for the development of our societies. The Group provides its customers – businesses, organisations and governments – in the defence, aeronautics, space, transport, and digital identity and security domains with solutions, services and products that help them fulfil their critical role, consideration for the individual being the driving force behind all decisions.

Thales has 81,000 employees in 68 countries. In 2020 the Group generated sales of €17 billion.

### Contact :

Ricardo Martin

+5511992953908

Ricardo.martin@thalesgroup.com

### THALES

31 Place des Corolles

92400 Courbevoie

France

# GIFAS – FRENCH AEROSPACE INDUSTRIES ASSOCIATION



## PARTICIPATING COMPANIES

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AXON CABLE  
CS GROUP  
INTERNATIONAL PARIS AIRSHOW  
LACROIX  
MC2 TECHNOLOGIES  
NYCO  
OCEA  
RECAERO GROUP  
SAFRAN  
SECAMIC  
TECHMAN-HEAD  
THALES

