

Innovative Solutions For Your Safety



GENERAL OVERVIEW

@ecagroup.com

A STABLE AND LONG-TERM SHAREHOLDER



A family group focused
on high tech industries

Founded and owned
by the Gorgé family

231 M€
TURNOVER

1 850 people

15 M€ R&D



LISTED ON
EURONEXT PARIS

42%

Drones
& Systems



Robotics and Security for the Defence
and Aeronautics sectors

Since 1992

Conception & Integration
Naval, ground and air drones
On-board equipment
Simulation
Recurring services & maintenance

24%

Engineering &
Protection
Systems



Consulting in Engineering and Technology
& Protections for high-risk sites

Since 2009

Conception & study
Implementation of protection systems :
Fire safety and doors for nuclear plants
Recurring services & maintenance

34%

3D Printing



Turnkey 3D Printing solutions
for industrial production

Created in 2013

3D modelling software
Printers
Recurring supply of Materials
Manufacturing

GROWTH AND DEVELOPMENT

KEY FIGURES



700
EMPLOYEES



100 M€
TURNOVER 2020



13
ESTABLISHMENTS



10%
INVESTMENT IN R&D

INTERNATIONAL PRESENCE

PRESENT AROUND THE WORLD THE ECA GROUP GENERATES
MORE THAN 50% OF ITS REVENUE ABROAD



UNITED STATES

NEW YORK
1 ROBOTICS



SINGAPORE

SINGAPORE
ECA GROUP ASIA



AUSTRALIA

MELBOURNE
AMRA



BELGIUM

BRUSSELS
ECA ROBOTICS BELGIUM
MAURIC BELGIUM

MOUSCRON
ECA ROBOTICS BELGIUM



FRANCE

TOULON | Headquarter
GROUPE ECA
ECA ROBOTICS
ECA DYNAMICS

MARSEILLE
MAURIC

PARIS
ECA ROBOTICS

BREST
ECA ROBOTICS

TOULOUSE
ECA AEROSPACE

MONTPELLIER
ECA ROBOTICS

NANTES
ECA ROBOTICS
ECA AUTOMATION
MAURIC

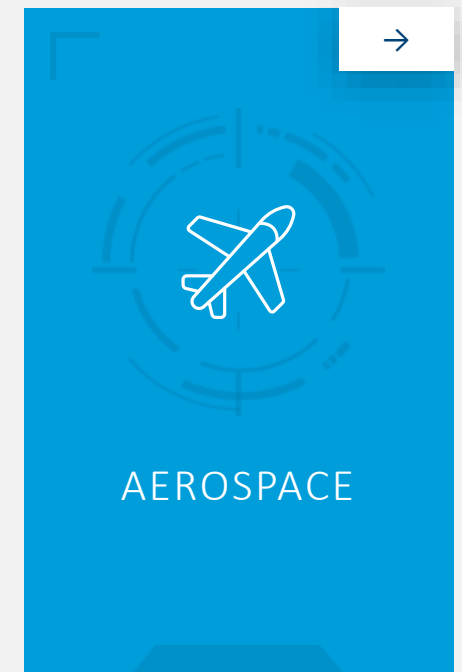
LANNION
ECA ROBOTICS

OUR FIELDS OF EXPERTISE

2 Poles and 5 Domains of Activities

ROBOTIC

AERONAUTIC





**NAVIGATIONAL
ACCURACY**

**SIMPLIFICATION
OF MISSION
MANAGEMENT**

INNOVATION

A RESEARCH PROGRAM ON
« **ROBOTIC SYSTEMS** »
FOR THE FUTURE WITH IMPORTANT
& AMBITIOUS THEMES

**BETTER
COOPERATION
BETWEEN
ROBOTS**

**IMPROVEMENT
OF AUTONOMOUS
DECISION
MAKING
PROCESSES**

ECA ROBOTICS PORTFOLIO

NAVAL ROBOTICS SYSTEMS

NAVAL POWER MANAGEMENT

NAVAL PLATFORM MANAGEMENT

NAVAL SIGNATURE MANAGEMENT

NAVAL SHIP DESIGN

LAND & AIR ROBOTICS

AIR/SEA/LAND SIMULATION

NAVAL ROBOTICS SYSTEMS



Remotely Operated
Vehicle



Autonomous
Underwater Vehicle



Unmanned Surface
Vehicle



UxV integrated system

ECA as developed the widest range of naval robotics in house, suitable for civil (Hydro/oceano, O&G, Search & Rescue) and military purpose (Minewarfare, REA, special purpose).

We propose various configuration of integrated system to achieve a mission with robotics toolbox.

NAVAL ROBOTICS SYSTEMS



Towed sensor



Hybrid ROV



Deepwater AUV & ROV



Swimmer Delivery Vehicle

ECA is also developing specific tools adapted for their purpose and configuration. We commit to develop, maintain, upgrade and manage obsolescence.

NAVAL POWER MANAGEMENT



DC to AC Static
Converters



400Hz to 28DC
Converter



Variable Speed
Drives



Propulsion
system

ECA equipment are designed for direct integration on various Submarines (SSK & Nuclear) as well as on Surface ships (MCMV up to CV)

NAVAL PLATFORM MANAGEMENT



Steering Consoles



IPMS



Electrical Plant
Command Control



Propeller Remote
Control

ECA OPSYS™ is a ruggedized smart automat which is used in various platform management applications

NAVAL SIGNATURE MANAGEMENT



Fixed & Mobile
Ranging



Aerial Ranging



Degaussing



Deperming

ECA proposes fixed and portable solutions for multi influences measures (acoustic –magnetic-pressure..) and aboard or outboard magnetic signature reduction

NAVAL SHIP DESIGN



OCTOPODA concept



OPV ship



Specific design



Scientific ship

MAURIC is a European leader in naval architecture and marine engineering, delivering since 1945 **ship design and marine engineering services** to the **maritime and naval industry**. MAURIC proposes a large range of **sea proven designs** for commercial and naval sectors

LAND & AIR ROBOTICS



EOD land robotics



CBRN land robotics



Aerial ISR



Special project

ECA proposes wide range of land robotics suitable in harsh environment, capable to detect, identify, and neutralize EOD and mine.

Our UAV solution is capable of covert surveillance, even in turbulent weather condition.

LAND & AIR ROBOTICS



Pipe monitoring



Logistics AGV



Inspection robotics



NPP machines

Thanks to a wide range of technologies, ECA develop specific automation and robotics suitable for complex environment (nuclear, logistics, offshore...)

AIR/SEA/LAND SIMULATION



Flight simulation



Civil driving simulation



Damage control



Bridge & tactical simulation

Thanks to a core activity in software, ECA also developed wide range of simulation in all the domain (air/sea/land). We propose simulation as a product on the shelf or as specific development.



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