



**ELT**GROUP

[eltgroup.net](https://eltgroup.net)



# Shaping Technology. Global Protection.

Defence | Homeland Security | Cyber | Biodefence | Space

## PROPRIETARY NOTICE

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23/05/2024



**A new era**

Elettronica Group becomes

**ELT Group**

New Domains | New Border



# ELT Group.

## Ready to take EMS forward. Again.

We evolved our expertise in leading EMS through proprietary technologies, reaching new domains and answering worldwide protection needs.

### We take ourselves beyond while staying true to ourselves.

Becoming ELT Group means being even more prepared to gather challenges and turn them into new opportunities, enhancing the principles that make us Leader.



#### ELECTROMAGNETIC SPECTRUM - EMS DOMINANCE

We evolved with foresight, recognizing the immense potential of EMS to address the protection needs in a more and more digitalized world.



#### PROPRIETARY TECHNOLOGIES

We continue innovating with the development of proprietary technologies in the use of the EMS to bring integrated solutions everywhere in the world.



#### VALUABLE PARTNERSHIPS

The ability to generate effective industrial partnerships to guarantee global protection has made us even broader.



#### ENGINEERING INTELLIGENCE

Our people are the ones shaping the evolution forward, seeing engineering intelligence as a key to unlock a safer, more stable and sustainable world.



## Mission

ELT Group develops innovative and proprietary technologies in the use of the electromagnetic spectrum and cyberspace to create customized solutions anywhere in the world to protect people, assets, and information.

## Vision

ELT Group embraces the complex challenges of the present and transforms them into tangible opportunities to build a safer, more stable, and sustainable world. It achieves this through strategic partnerships with highly qualified entities.

## Purpose

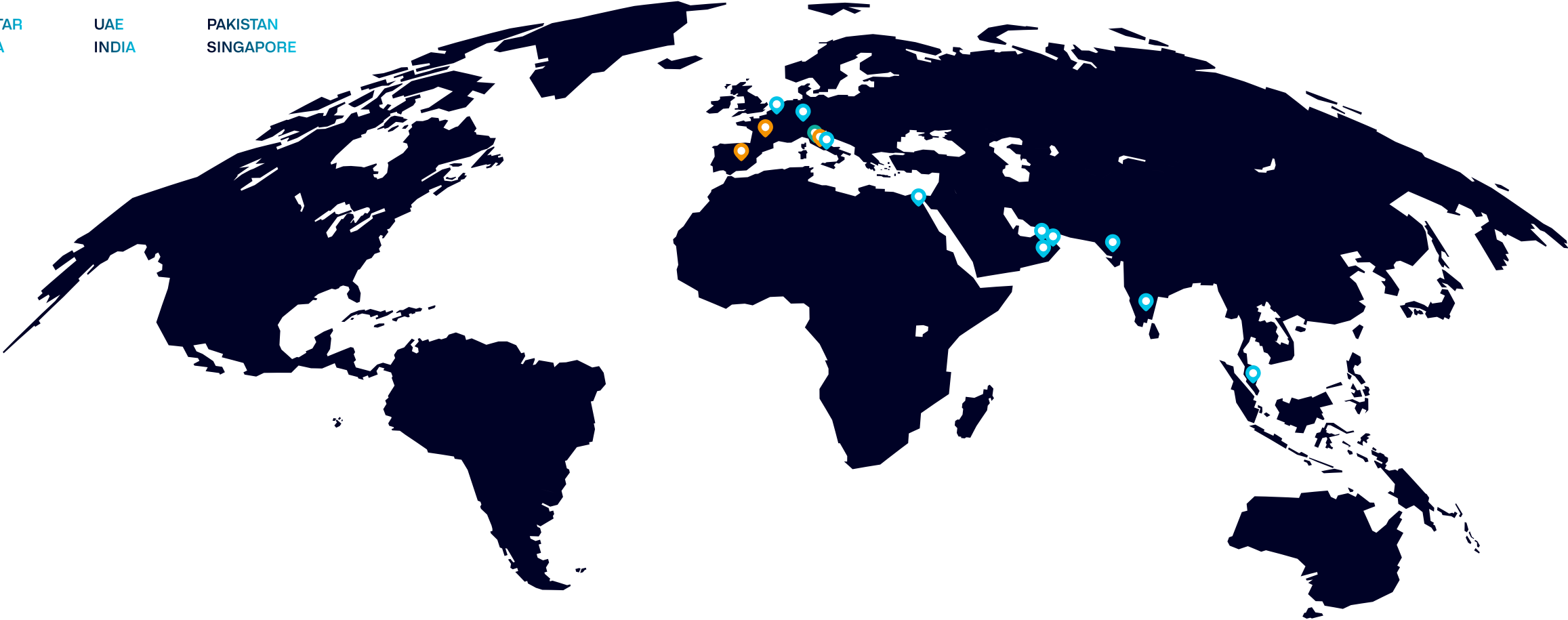
ELT Group advocates for the engineering intelligence of women and men, exercised with creativity and responsibility as an unstoppable resource to foster progress.

GLOBAL PRESENCE

Go Global.  
Go Bold.

As ELT Group, we have the potential to get our innovative solutions worldwide.  
Our presence covers 10 countries, located in Europe, Middle East and Asia.

- ITALY  
DEUTSCHLAND
- BELGIUM  
EGYPT
- QATAR  
KSA
- UAE  
INDIA
- PAKISTAN  
SINGAPORE



- ITALY
- FRANCE
- SPAIN



- ITALY

# CAPABILITIES PORTFOLIO



## Integrated multi-domain solutions.

The pursuit of pioneering led us to enter new domains, in addition to the core domain of Defense. Through them, we convey our vertical expertise and our ability to create comprehensive multi-domain solutions.

Defence | Homeland Security | Cyber | Biodefence | Space

### COUNTERMEASURES & SELF PROTECTION



### C-UAS



### SIGNAL INTELLIGENCE



### INFRARED



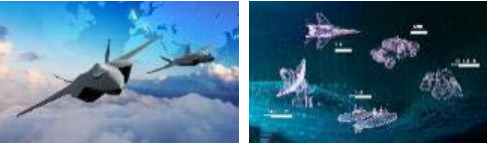
### EDUCATION TRAINING & OPERATIONAL SUPPORT



### HOMELAND SECURITY & LAW ENFORCEMENT



### TEST, EVALUATION & SIMULATION



### SPACE EW

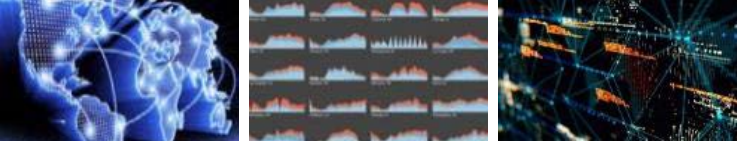


### NEW TECH LAB RESEARCH & DEVELOPMENT

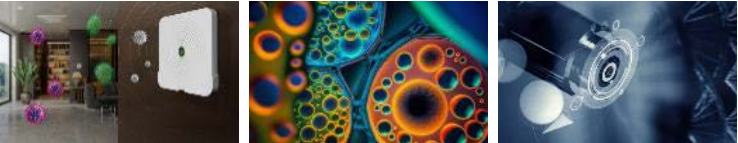


## Part of the Group

### CYBER SECURITY & INTELLIGENCE



### BIODEFENCE SOLUTION



GLOBAL PERFORMANCE



~ € 400M  
ORDER INTAKE 2023

~ € 400M  
ANNUAL REVENUES 2023

~ 12%  
EBITDA

3.000 Systems supplied to over 30 nations



EUROPEAN  
MARKET



INTERNATIONAL  
MARKET

# Believing in our People

A 360° Company thanks to the 90% of highly specialized technicians & engineers.

 ~ **1000**  
EMPLOYEES

Engineers 47%

Operations 43%

Staff 6%

Business 4%

**Great  
Place  
To  
Work®**  
**Certified**  
DIC 2022-DIC 2023  
ITALIA



**ELT**GROUP  
Defence



## OUR DNA

# More than 70 years fully dedicated to the Electro-Magnetic Spectrum Operation (EMSO)

Design, develop, produce, integrate and support (logistic and operative) **EW capabilities** solutions for **Air, Ground, Maritime, Cyber and Space** applications in order to improve the Armed Forces information superiority and dominance in the battlefield.

## ELT Group Portfolio Capabilities

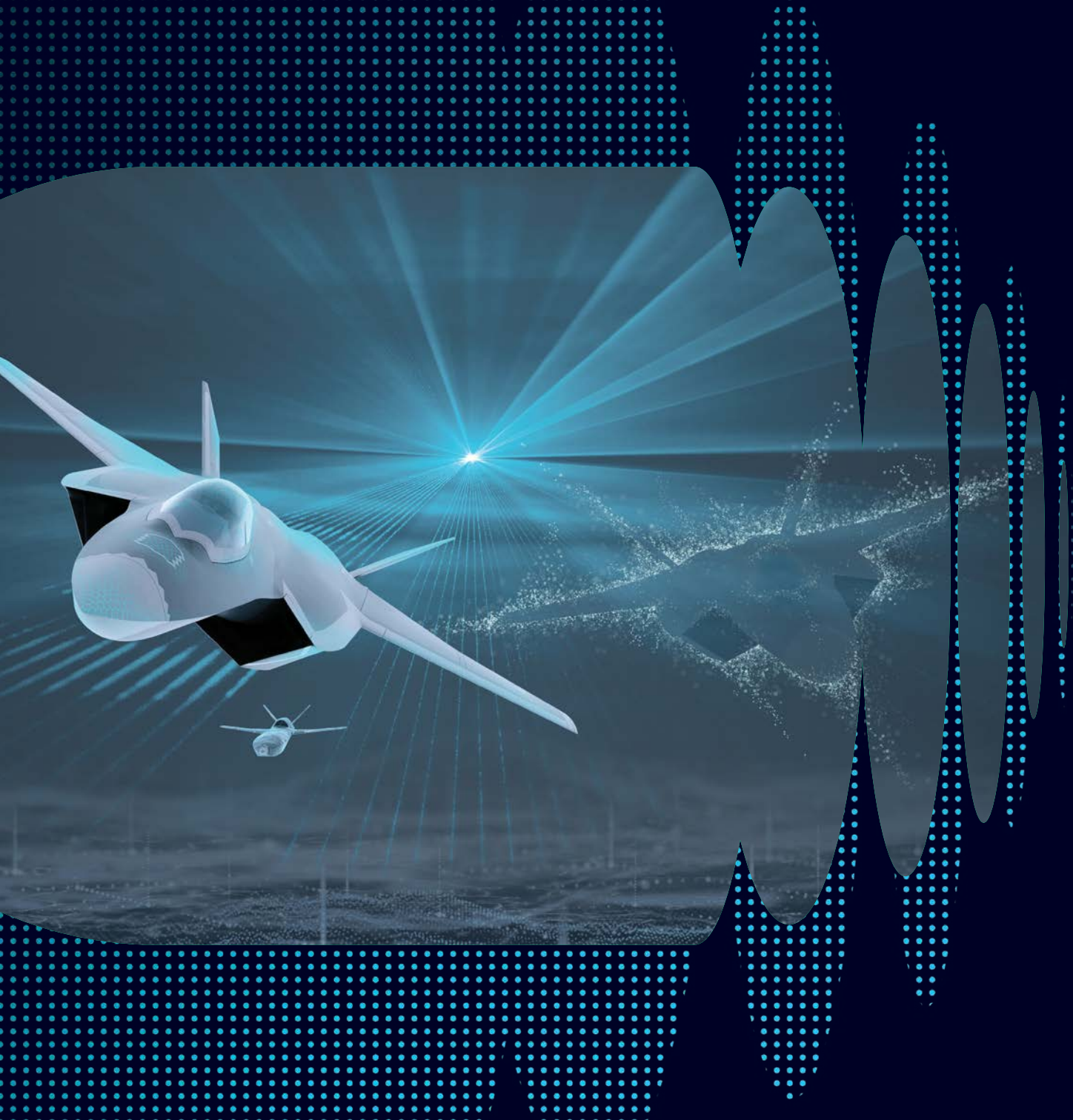
- SIGINT & ISR
- Protection & Countermeasures in RF and IR bands
- Electronic Attack
- Cyber Resilience & Attack
- Counter UAV
- Homeland Security
- Academy/Training and Operational Support



# Air

## Leader in Jammer architectures (Solid State, Phased Array, GaN technology)

Design Authority and manufacturer of the Electronic Warfare (EW) of the Typhoon Eurofighter 2000. One of the most comprehensive Self Protection Systems in the world. EW Provider also for French Fighters such as Mirage 2000, Rafale and others



# Air/Next Gen

## GCAP

ELT Group is the Italian **EW Champion** in the **ISANKE & ICS** domain within **GCAP** program.

EW strategic asset for 6th generation system of systems.





# Maritime

**Provision of Electronic Warfare (EW) systems and SIGINT expertise to navies around the world.**

ELT Group is providing the Naval EW systems for the Italian Navy's new PPA offshore patrol vessels, LHD amphibious assault ships, U212 NFS submarines and NH90 NFH helo.

## About 100 Naval Units

in Europe, Asia, North Africa and Middle East have selected **ELT Group** as their EW Provider.



# Land

**ELT Group supports the Armed Forces by meeting their precise operational needs.**

The peculiarity of being able to provide a **Command and Control** that integrates different **sensors** and effectors is possible thanks to ELT Group's consolidated ability as a system integrator.

- **Tactical Spectrum Dominance**
- **Electronic Intelligence**
- **Jamming**
- **C-UAS**
- **Cyber Resilience**



# Cyber EW

**Electromagnetic Spectrum is a critical enabler for Cyber EW to guarantee the security of people, assets and information.**

## **Intelligence**

ELT Group heritage enabling the convergence of EW and CW into CEMA (Cyber Electromagnetic Activity).

## **Cyber Resilience**

Unbreakable shield against Cyber threats.



# Space EW

**The space sector is crucial from a defense and security standpoint.**

That's why **ELT Group** is increasing its competitive knowledge in the **EMSO and Cyber** domains to protect what matters, even from Space.

## DELIVERED CAPABILITIES

3000 EW Systems  
delivered across  
the world

Customers in more  
than 30 Nations

System for any  
Fighters, Naval,  
Submarine and  
Ground applications



TORNADO



MIRAGE 2000



NH-90 - NFH & TTH



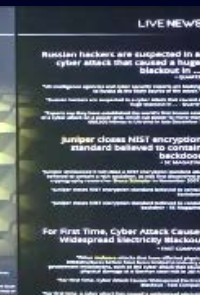
A-129 MANGUSTA



FREMM & HORIZON FRIGATE



ITALIAN PPA & LHD



GERMAN POLICE



SOLDIERS



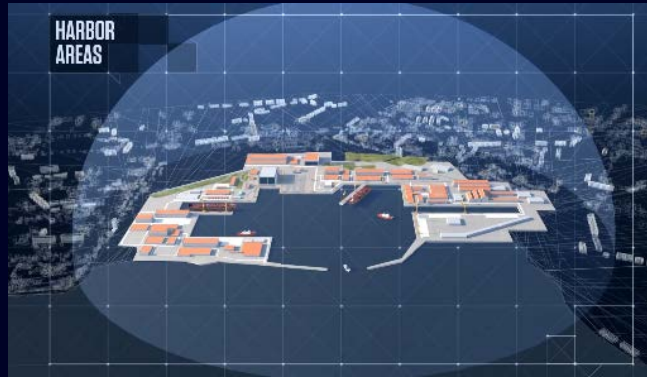
**ELT**GROUP  
Homeland Security



# Counter-UAV solution (ADRIAN)

Exploit existing capability in **C-UAS in Civil, Homeland Security & Force Protection**

**Cyber RF integration  
for safety landing**



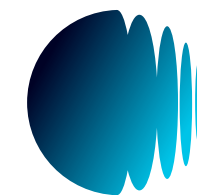
# ADRIAN | NADIR

## general overview

Deliver a comprehensive capability to assure public security.

Reliable protection both in land and naval field for:

- People
- Civilian Areas
- Boundary Areas
- Military Compounds
- Naval Bases
- Critical Infrastructures
- Royal/Presidential Palaces/HQ
- Public Events
- Convoy



**ELT**GROUP  
Space



## Defense & Security

# EXPAND WHAT'S POSSIBLE

In addition to the consolidation of the military Defence core market, with its Space Program ELT Group is expanding its 70 years of experience in EMSO to perform all functions of controlling and dominating the Electromagnetic Spectrum and Cyber to and from space, not only for ground observation but also for monitoring activities aimed at defense and security goals.

# Space Capabilities

LEO Orbit/Stratosphere

- SIGINT

Ground Segment

- Jammer
- ECCM

Ground Station

CEMA &  
Cyber Security



**ELTGROUP**  
New Tech Lab

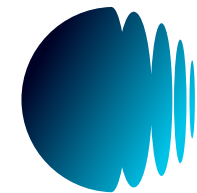


**ELTGROUP**  
New Tech Lab

**New Tech Lab** is the innovation hub for the research of unconventional application of the **Electromagnetic Spectrum** to generate innovative and sustainable solutions for the defense of people, assets and data.

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// **Research & Development**  
// **Fast Prototyping**  
// **Hydroponic Farm**  
// **Digital Twin**  
// **Space Heritage**

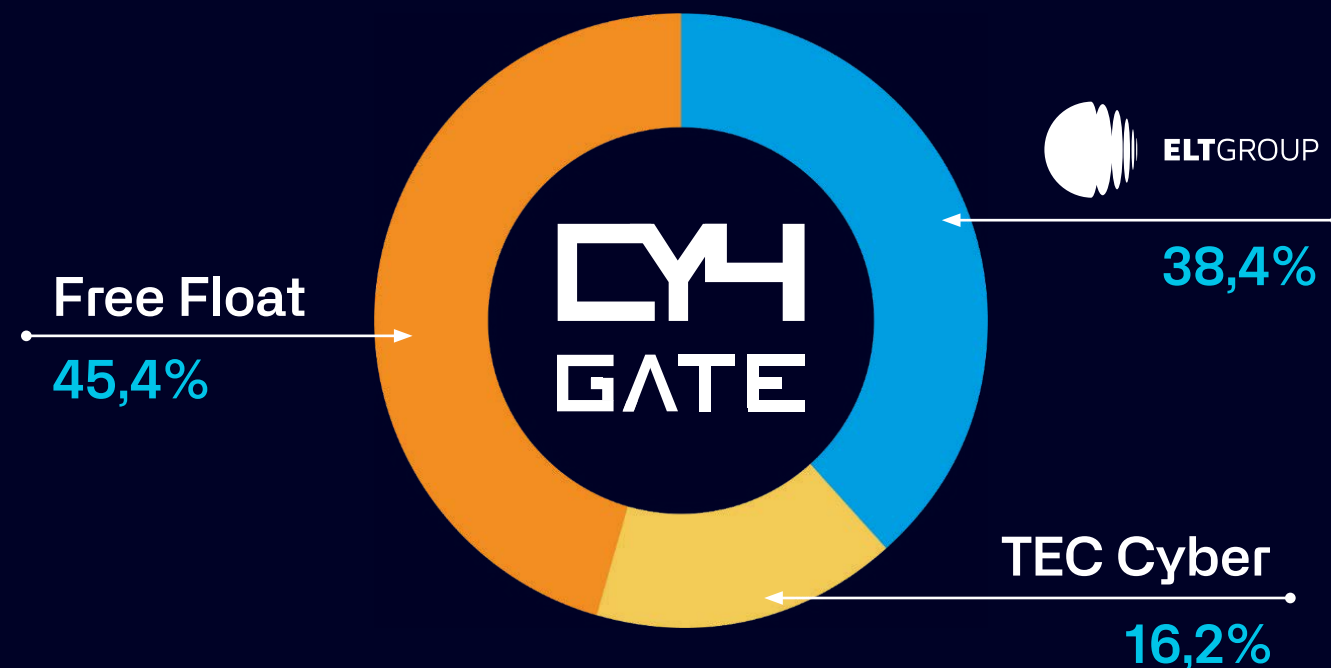


**ELTGROUP**  
Cyber

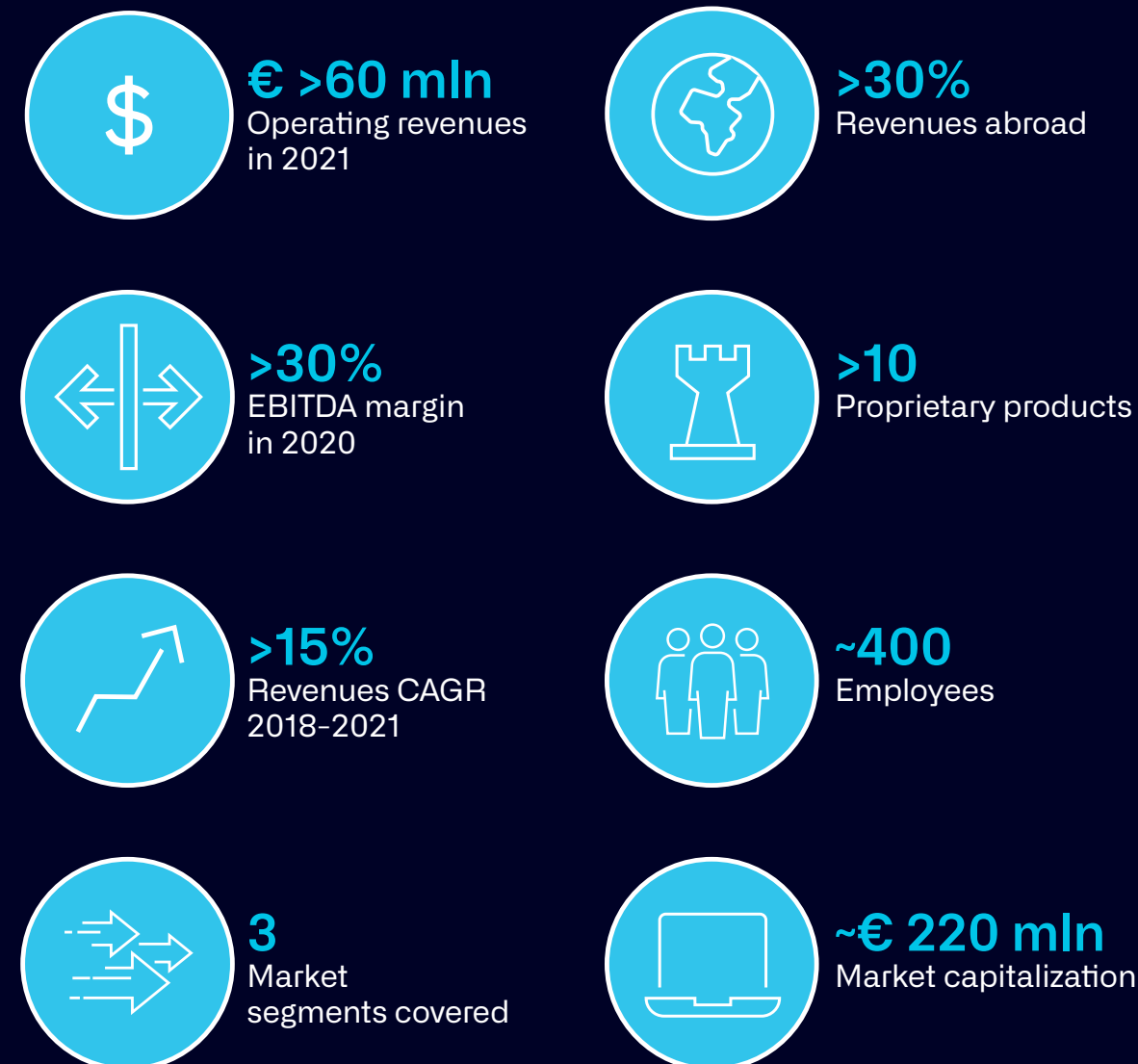
**CY4**  
**GATE**  
Part of ELT Group

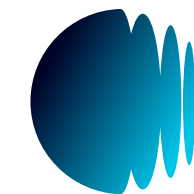
# Be a 360° cyber software house

## Cyber, Forensic & Decision Intelligence, Cyber Security & Data Analysis Market



## CY4GATE at a glance

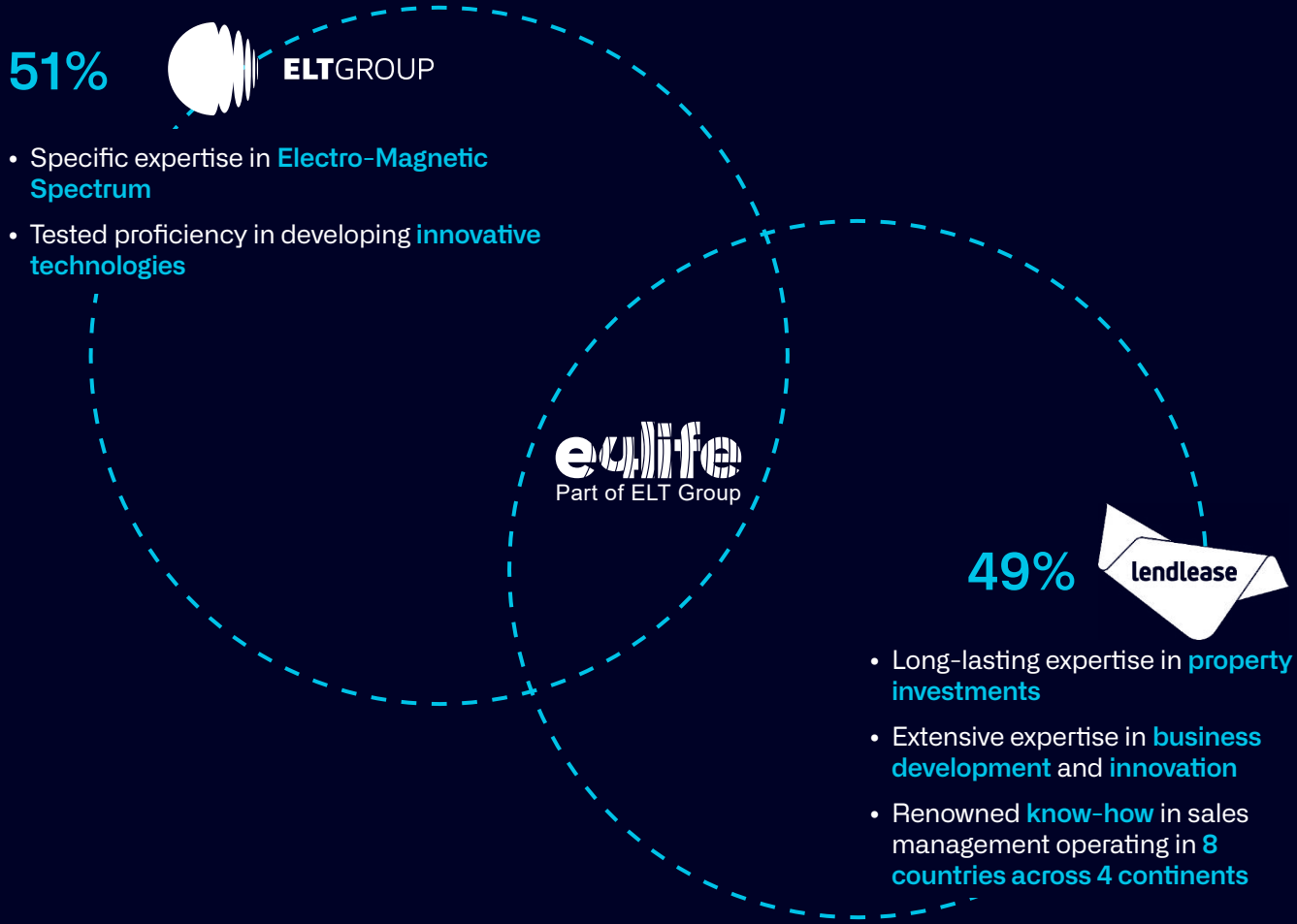




**ELTGROUP**  
Biodefence

**eu|life**  
Part of ELT Group

**E4LIFE** as joint  
collaboration  
between **ELT Group**  
tech provider and  
**Lendlease** business  
developer





## Defend your space

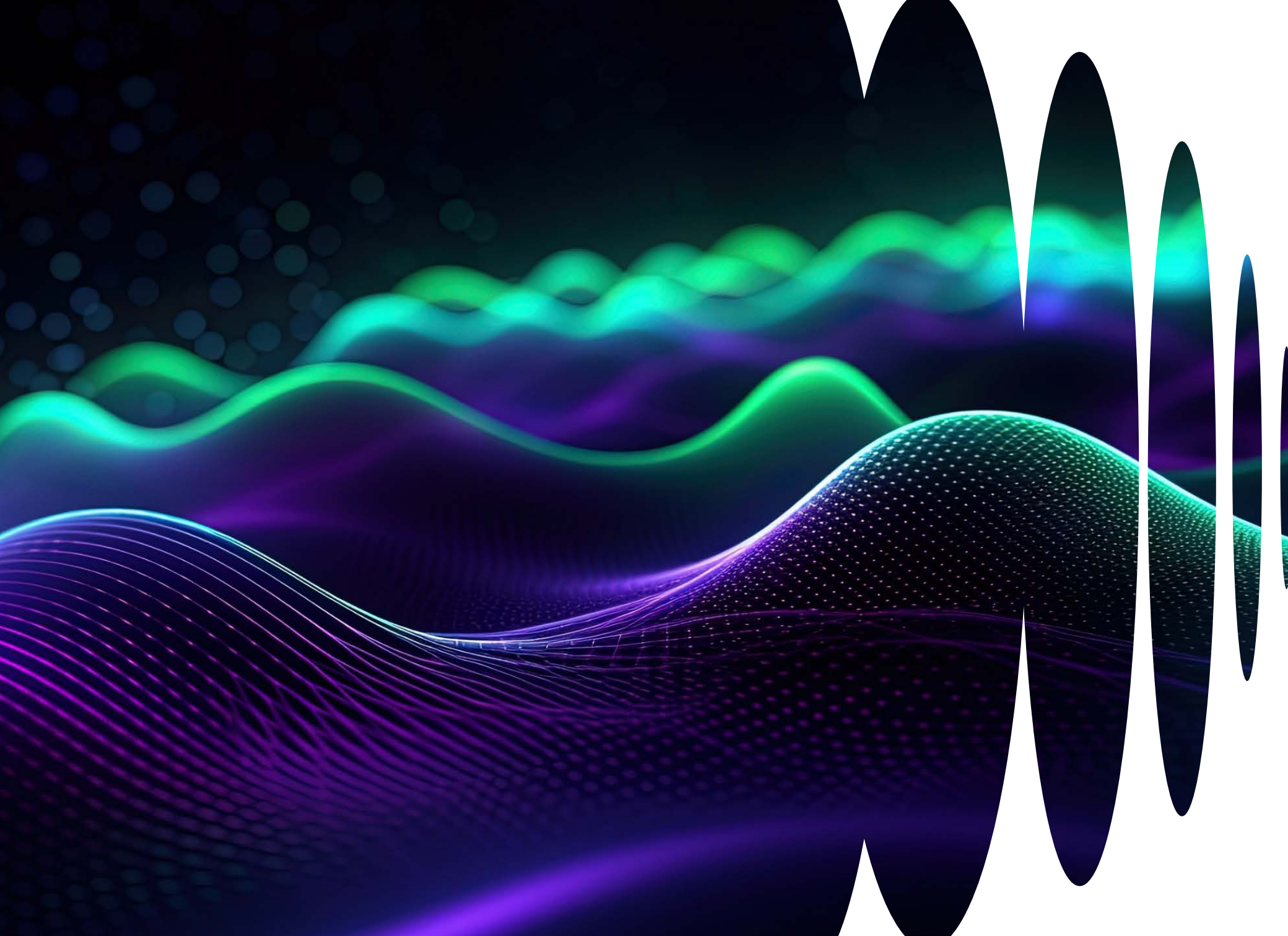
# Air Quality. Today's challenge.

**Viruses:** invisible however present enemies

## E4SHIELD technology:

- **A viruses inactivation system in any environment**, based on the propagation of electromagnetic waves, designed to meet the challenges of our time as well as those of the future
- **A highly technological**, programmable scientific solution, coming from Defense Industry, to combat respiratory viruses
- **Successfully tested against Covid-19**, its variants and against other viral forms like influenza
- **To the best of our knowledge** this is the first time that Virus have been inactivated through RF wave emission under conditions compatible with the presence of human beings and animals







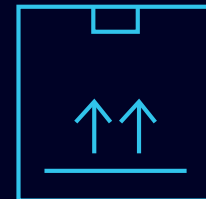
## ELT GROUP 10 YEARS STRATEGIC PLAN

Envisioning growth and innovation to:

- **Reinforce** a leadership position on core EW solutions
- **Shape technology** into new EMSO domains and business sectors
- **Expand global presence** into new geographies

Key enabling factors:

- **Proprietary** Technologies and Capabilities
- **Grow** talent mix up to >30%
- **M&A projects/partnership**
- **Focus on sustainability** aspects in processes and systems



Order intake by 2030



Continuous R&D to innovate and develop new proprietary technologies/systems



New talents by 2030

# Innovation in products and services

Key drivers for ELT Group

## EMSO

### EW SYSTEMS IN THE CLASSICAL DOMAINS



Reinforce the leadership position in key strategic products offering for ELT GROUP  
**Electronic Attack, ISR, Self Protection**



Unmanned  
Provide key systems on ISR and EA operations



C-UAV  
Expand Homeland Security/Defence, surveillance and protection capabilities



Service Excellence  
**Logistics, EW Academy and Mission Support**

### NEW/MULTIDOMAIN OPERATIONS



Cyber EW



Space EW  
**Through seamless system integration**



New domains  
**Biodefence**



