



ELT GROUP
Defense

DEFENSE.

At the heart of our operation.

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.

Electromagnetic Defense | ISR | Electromagnetic Attack | Cyber
Homeland Security & Critical Infrastructure | Biodefense | Global Sustainment

Our approach to Defense

Bringing the mission of protecting
people and assets forward.

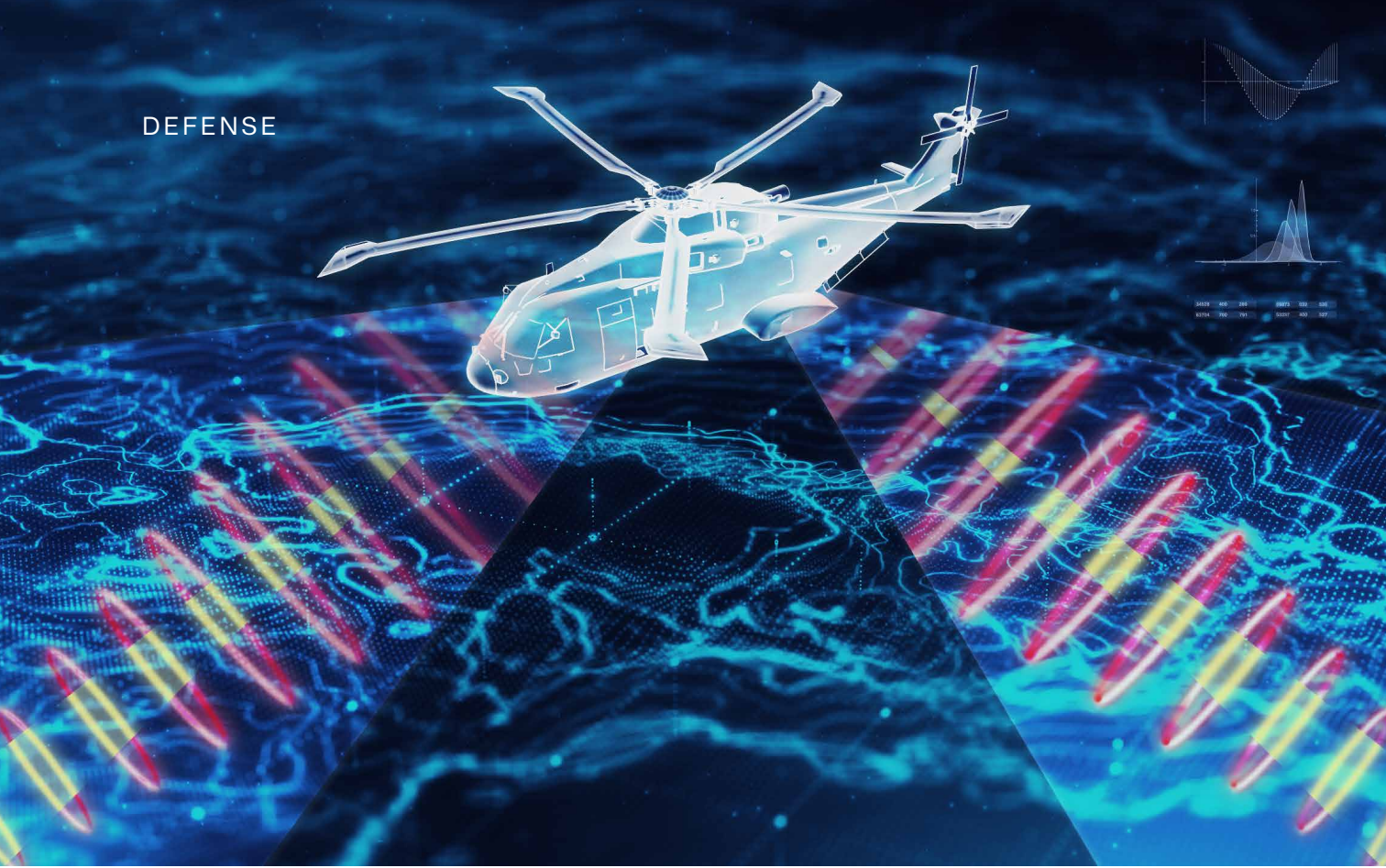
We are world leaders in the EMSO (Electromagnetic Spectrum Operations) sector with a cutting-edge portfolio of capabilities-products-services composed of proprietary technologies and skills. This enables our customers to perform electromagnetic Defense, ISR (intelligence, surveillance, reconnaissance), CEMA (electromagnetic cyber activities) and spectrum management, protecting assets, people and information with a multi-domain approach. In the intricate panorama of EMSO, we aim for innovation and dedication. For the ELT Group, going beyond conventional boundaries is not just a practice; it is a commitment to shaping a safer and more sustainable world. Our integrated solutions, driven by technical solutions, transcend Defense and civil spheres, also addressing global protection needs. As pioneers, we have expanded into new domains, offering our expertise and comprehensive multi-domain solutions. The focus on Electromagnetic Defense, ISR and Cyber-Electromagnetic activities underlines our commitment to protecting people, countries, assets and data.

Global Security through EMSO

Leading the way in
EMSO solutions.

Our comprehensive product line covers all aspects of EMSO, including Electromagnetic Warfare and Intelligence, with offerings ranging from standalone systems to integrated and networked solutions tailored for Maritime, Air, Land, Homeland Security, Cyber, and now even Space applications. Deployed by the Armed Forces of 30 nations across 5 continents, our systems ensure electromagnetic spectrum dominance. We continuously anticipate future needs in the increasingly digitalized Defense and civilian sectors, driving innovation through proprietary technologies that harness the potential of EMS. Our dedicated team views engineering intelligence as pivotal in advancing towards a safer, more stable, and sustainable global landscape.

DEFENSE



ELECTROMAGNETIC DEFENSE

↳ Advanced self-protection for platforms.

Our specialty? Enhancing platform Defense with multi-spectral defensive electronic attack and integrated sensors solutions. 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 has a long and successful history of supporting various customers around the world with specialized EW expertise. Major customers are the Italian Army, Navy and Air Force as well as export customers (NATO, non-NATO). The record include military, military supported and intelligence missions where the Company solutions have been tested and proven in operations by European and non-European Countries worldwide.



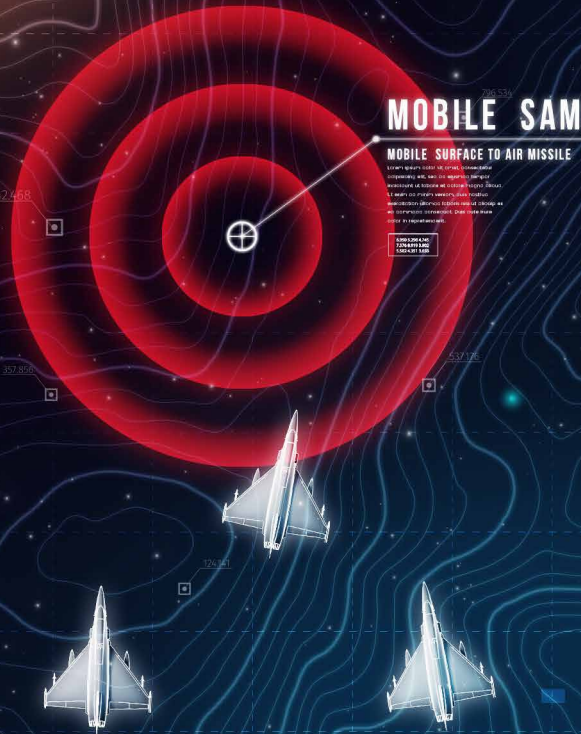
DEFENSE

INTELLIGENCE, SURVEILLANCE AND RECONNAISSANCE

↳ Elevate information superiority with ISR Solutions.

We are always focused on enhancing information superiority through innovative Intelligence, Surveillance, and Reconnaissance technologies across the Electromagnetic Spectrum. Information Superiority is a key enabler in all modern warfare operations, monitoring any sources of information in different domains (radar, communication, OSINT, HUMINT, IMINT) and any potential threats to national security to provide a comprehensive and coordinated situational assessment and awareness. Our systems provide the capability to task, collect, process, exploit, and disseminate accurate and timely information through a wide variety of scalable and modular solutions that can be adapted to any kind of platform, in stand-alone missions as well as multi-platform cooperation. Collected multi-domain information are analyzed, combined, exploited and disseminated through our EW Center, providing the full Intelligence and Mission planning cycle capability.

DEFENSE



ELETTROMAGNETIC ATTACK

↳ Striking first to defend people and assets.

Our mission is achieving spectrum dominance through offensive and defensive Electronic Warfare tactics, including Cyber-EW integration. Electronic Attack is crucial to provide electronic protection of friendly assets as well as to deny the spectrum access to the enemy. In fact, modern capabilities are strongly dependent on electromagnetic spectrum access, either for offensive or defensive tasks. Our systems are capable to deliver a full spectrum dominance through the neutralization of enemy spectrum exploitation with the most advanced technologies and techniques, neutralizing enemy threats and Defense systems and providing an essential operational advantage in the field.



CYBER

↳ A new core domain to keep safe.

Our offer aligns with the complexity and unpredictability of new scenarios, in particular with regard to the areas of Electronic Warfare and cyber. EMSO has become an enabling dimension, transversal to traditional sectors: air, space, maritime, land and also cyberspace. It is also capable of addressing threats in areas bordering civilian life, such as the Internet of Things or the Internet of Things on the battlefield. We have perfectly integrated the cyber dimension into our innovative solutions recognizing the critical cyber landscape as a new key area for security, transcending the traditional boundaries of how the electromagnetic spectrum works. Offering the most innovative solutions to guarantee the safety of people, vehicles and information in the most complex operational scenarios: this is our only mission.



HOMELAND SECURITY & CRITICAL INFRASTRUCTURE

↳ Enhancing security through protection of people and infrastructures.

We are always focused on developing solutions for effective operations of Homeland and Public Security. ELT Group recognizes Homeland and Public Security has a specific domain of operations. Thanks to its superior technology, ELT Group designs and develops solutions and systems with “dual role” capabilities, able to be tailored to the peculiarity of the scenarios faced by Public Security Organizations. In this domain, ELT Group capabilities can perform wide area surveillance, area enforcement, electronic support to preventive and investigative covert operations and public safety rescue. Open modular architecture is the base of our turnkey solutions, with a specific design able to combine different type of sensors in a network-based solution, hosted in fixed locations, vehicles or shelters according to customer requirements. Our solutions are entirely conceived, developed and produced in-house and are all designed for exportability.

BIODEFENSE

↳ Anticipating future safety needs.

Unconventional application of the EMS. The vocation for the safety of people and the willingness to anticipate the threat led us to transfer our knowledge in the Electromagnetic Spectrum to the bioDefense sector. We have already developed disruptive technologies to inactivate COVID-19 and other respiratory viruses to contribute to the new normality and future pandemic threats. Our technology works on areas integrating with all other virus protection systems, to support the operational efficiency of the Armed Forces in all contexts.

DEFENSE



GLOBAL SUSTAINMENT

↳ A turn-key solution.

Global Sustainment serves as an integral component of our comprehensive EMSO solutions, enhancing the overall experience for our customers. Education and training are paramount in maximizing the utilization of EMSO assets, and our BATTLELAB program offers a sophisticated EW Training Support System, facilitating collaborative training sessions in simulated operational scenarios. Our Test & Evaluation products ensure the readiness of ISR/EW operators by providing on-the-move or stationary test systems for platform-integrated ISR systems validation, calibration, and crew training. Additionally, our Simulation & Training environments offer a diverse range of models and scenarios to prepare operators for real-world challenges while safeguarding original equipment from wear and tear. Operationally, our EW Center serves as a multiplayer support system for pre- and post-mission activities, catering to various Electronic Warfare systems across different frequency bands and host platforms. With our holistic approach, we aim to improve the effectiveness of EMSO for our customers worldwide.

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.

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