Cyber Hegemony

Guarantee the security of people, means and information is our sole mission

ELTGROUP
Cyber

ELT GROUP

We do not simply anticipate the future

Who we are

In a fast-changing world we represent the touchstone of technological evolution thanks to our creative and timely strategic thinking and an innovative portfolio of solutions unique in its entirety.

What we do

To offer the most innovative solutions to guarantee the security of people, means and information in the most complex operational scenarios: this is our sole mission.

Our clients recognise the uniqueness of our offering: to work with us means entrusting themselves to an international company of outstanding excellence which, thanks to its Italian roots, creates bespoke solution with professionals who mould the best technologies to suit their needs.

How we do it

CY4GATE road map stems from the development of our talented engineers operating at the forefront of the rapidly growing knowledge-based cyber space.

Positioning our Cyber Electronic Warfare (EW) and Intelligence portfolio in new and innovative technical and operational solutions. We are fully independent from third party solutions: we design and develop our systems and services entirely in house, and complete the supply up to the finalization of each program, including integrations and installation on any type of asset.

We stay close to the Customer with our network of offices, granting proximity to the end users of our solutions.

A full expert and skilled team provides seamless integration of our systems for better end-to-end visibility, and improved product flow with fewer hand-offs and monitoring requirement.

Research, know how and technology excellence are the key elements of CY4GATE vision.

Intelligence

The Right Information, At The Right Time, To The Right People, In The Right Way.

DSINT
Data & Signal Intelligence

DSINT is a versatile **software platform, based on Artificial Intelligence Technology**, able to mix and match: **several data sources, analytical capabilities and visualization functions**.

The unique combination of these functions within the same tool allows a **more timely, efficient and accurate analysis, prediction of events, intelligence report preparation, decision process time**.

Value drivers

- **Better information: Better decision and Higher revenue**
  Better use of information assets (internal or external) enables richer and more comprehensive analysis allowing for more efficient tactical and strategic decisions

- **Prompt information: Risk mitigation and cost avoidance**
  More effective real time access to external and internal information minimizes reputational risks and allows to mitigate costs during the product development

- **Better information management: Best intelligence**
  A central platform, specifically designed to support the intelligence cycle, will help increase analysis and dissemination production per worker. Furthermore, the platform provides more deliverables for the company staff
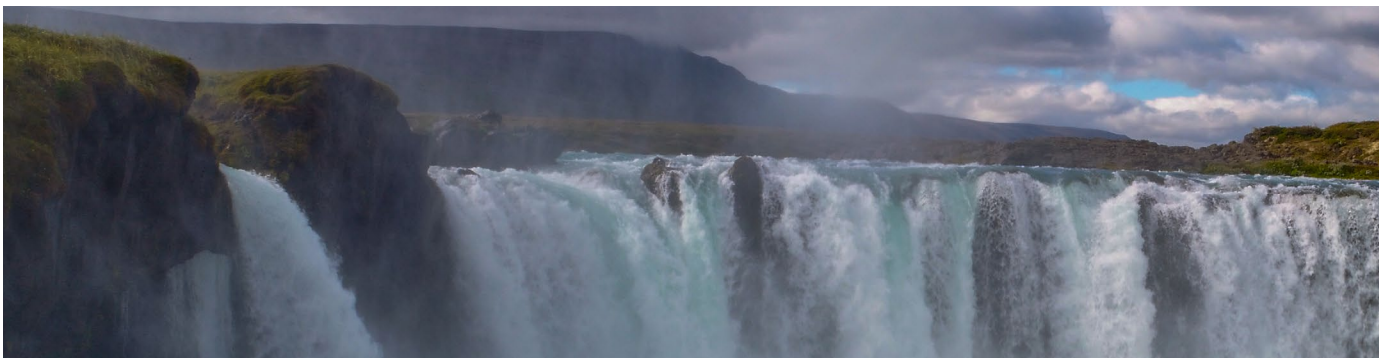
How it is different

- DSINT is a **customizable software platform** specifically designed for the efficient management of structured data (database, spreadsheets, etc.) and unstructured data (internal documents, web pages, social data, reports, etc.)
- DISINT exploits AI Technologies to automate and augment the analysis activities. The platform merges different modules (semantic module, image tagging/face recognition modules, "anomalous behavior" module) which works on machine learning, cognitive computing, deep learning
- We turned our multiyear experience in the Intelligence Domain and enterprises security (working with important organizations) into a platform that supports analysts from A to Z

We offer to our Customers a **continuous technical support service** for the use and updating of DSINT platform. Furthermore, **training courses are available** to improve the End User capability.
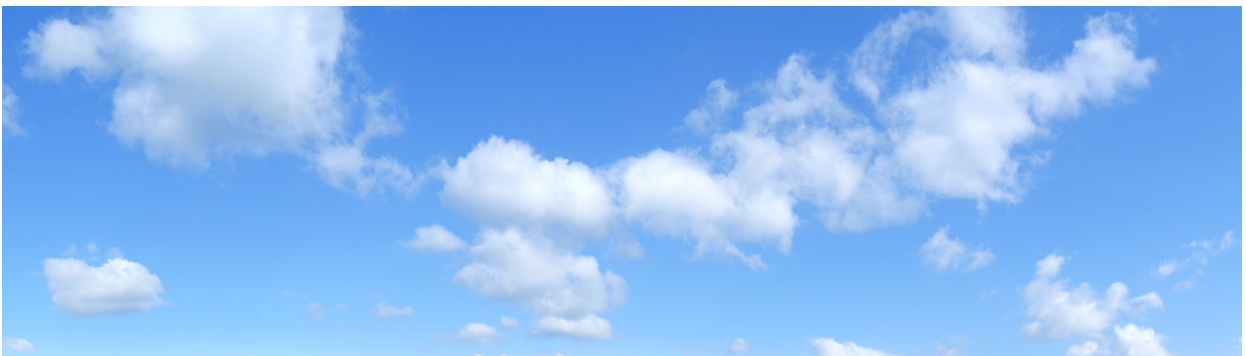
Intelligence

EPEIUS
From the cloud to the right target

EPEIUS is designed to address special operations requirements to move from the "cloud" of IP data flow to the target.

How it is different

- **EPEIUS is fully integrated with DSINT:** EPEIUS output can be integrated with DSINT, a platform that processes, stores and analyses all the structured and unstructured data coming from internal and external sources
- **EPEIUS** implements **a number of innovative techniques**
- **EPEIUS** is designed **to be configured as an adaptive method**, following the intelligence mission requirements

We offer to our Customers a **continuous technical support service** for the use and updating of EPEIUS platform. Furthermore, **training courses are available** to improve the End User capability.

Gens.AI
Be part of the web in a reliable way

Gens.AI supports special operations in the web. Using Artificial Intelligence it supports the operational cycle related to Customers' needs, training and management.

How it is different

- **GENS.AI is fully integrated with DSINT:** GENS.AI output can be integrated inside DSINT, a platform that processes, stores and analyses all the structured and unstructured data coming from internal and external sources
- GENS.AI offers a complete set of **untraceable gateway to conduct special operations** in a secure and protect way, offering a complete shield to isolate Customers' Organization from the targets
- GENS.AI is equipped with a powerful **AI engine** used for **the automatic contents production**

CY4GATE offers a **continuous technical support service** for the use and updating of DSINT platform. Furthermore, **training courses are available** to improve the End User capability.

Intelligence

GSINT
Monitoring always provides valuable information

A GSM and Satellite Intelligence system composed of a GSM, Active mobile phone, Satellite Communications surveillance.

How it is different

- **GSINT is a passive interception and monitoring system** able to intercept assets on a distance up to 35Km. It performs simultaneous multi-network operations and tracking of targets

- **GSINT is fully integrated with DSINT:** GSINT output can be integrated with DSINT a platform that processes, stores and analyses all your structured and unstructured data coming from internal and external sources

Public Security

Surveillance, Security and Control Everywhere You need.

MUROS
Sensor-Based Mobile Solutions

MUROS (**MU**lti **R**ole **O**perations **S**upport) provides innovative solutions to intelligence agencies, Police departments and Criminal investigation institutions for fast and reliable support during anomalous or malicious actions.

MUROS consists of three configurations

• Muros S – Surveillance

• Muros C – Communication

• Muros MC – Mission Control

MUROS integrates a multi- sensors suite for

• Law Enforcement

• Urban and Border Surveillance

• Area Protection

• Camouflaged Investigations

• Forensic activities

• Proof of evidence
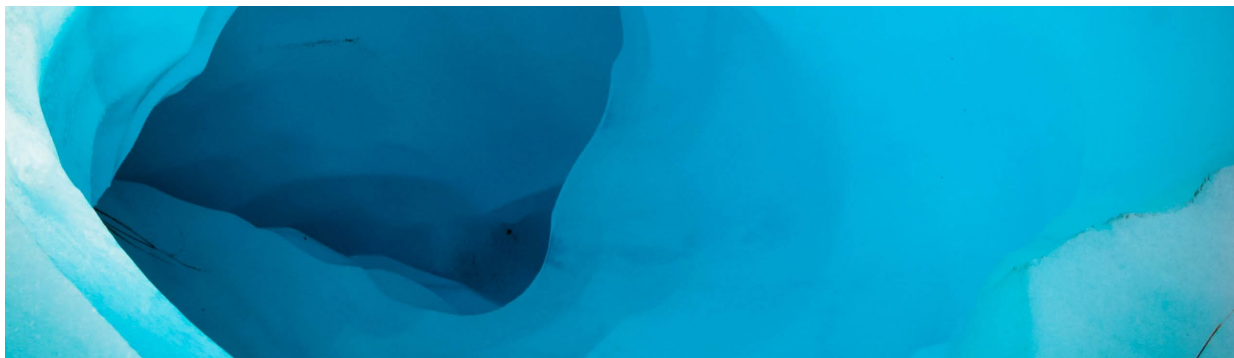
Public Security

ADRIAN
Safe Area

ADRIAN (Anti-Drone Interception Acquisition Neutralization) takes control of no-drone areas and assures detection, identification and appropriate reaction if becoming a potential threat.

ADRIAN is the state-of-the-art Counter-UAV solution designed to intercept and neutralize LSS (Low-Small- Slow) UAVs in multiple scenarios and environments, including deployed bases, route paths and urban areas.

ADRIAN can detect and resolve the latest problems in global security.

ADRIAN is the most complete solution available worldwide, integrating 2D and 3D radar thanks to its "system-of-systems" architecture. ADRIAN is multidomain, fulfilling tasks ranging from Air Defence to Homeland Security.

Adrian at a glance

• Detection of very low power and Frequency Hopping Signals

• Real-time threat analysis (classification, identification, geo-location)

• Post analysis for forensic application

• UAV soft kill by countermeasure against radio control and GNSS system

• GNSS spoofing to force drone landing in a safe area

• User-friendly HMI, with immediate feedback on alarms and threat features

• External interface to central operative center

• Easy deployable and possibility to integrate on mobile vehicles
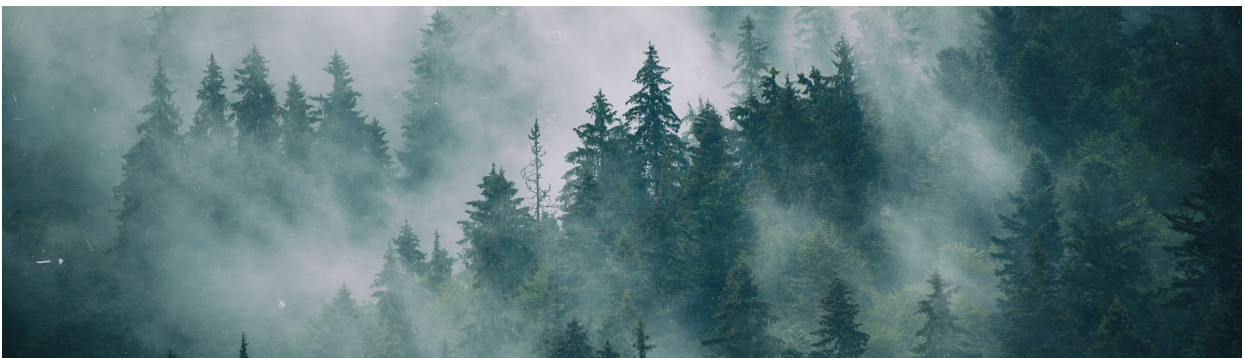
Cyber Security

First things first: protect yourself, always.

iSOC

Monitor, withstand and mitigate Cyber attacks against your network

An outsourced iSOC (Intelligent Security Operation Center) whose mission is to continuously monitor and improve Customer's cyber security posture.

Value drivers

- iSOC increases the cyber-attack detection capabilities to get **information security**

- **Technology, processes and people** combining the best in class technical aspects with human resources and industrial policies

- Fully outsourced iSOC provides cost saving, efficiency and effectiveness to the Customer

How it is different

24/7 hardworking forces dedicated to preventing, detecting, assessing and responding to the cyber threats and vulnerabilities. Highly skilled team focused on the mission, with a continuous monitoring and improvement of the security posture of Customers' organization.
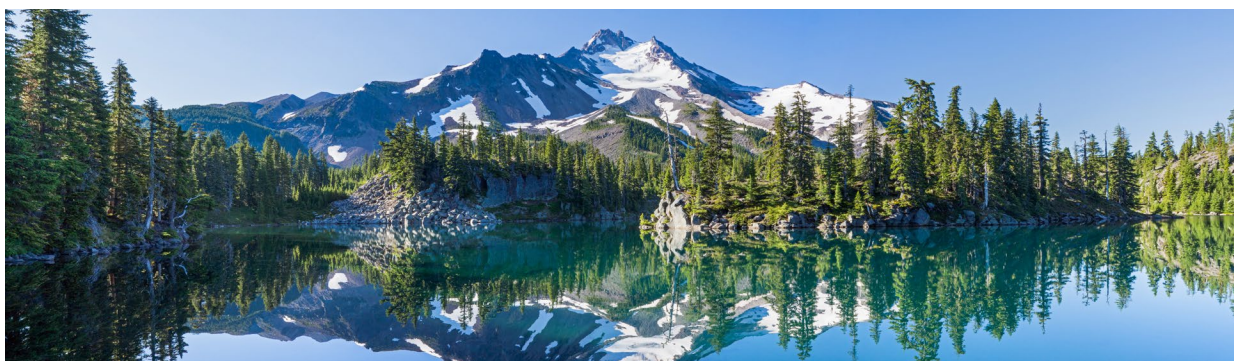
Cyber Security

RTA – Real Time Analytics
Upgrade your threat detection tools

Real Time Analytics (RTA) is a cyber-security application designed by CY4GATE to allow enrichment and analysis of different security events.

RTA enables the analyst to detect cyber-security anomalies and to establish the conditions to rapidly strike back.

Value drivers

In the last few years, Big Data concepts have been invading IT security world. RTA is able to identify relationship network through visualization tools that allow a more accurate analysis of threats.

How it is different

- RTA can be defined as a **"Time Machine"** as it allows the analyst to gather information history in order to **"freeze the scene"** in dynamic and ever-changing situations

- Time Machine also allows the Analyst to flash forward to gather information regarding potential effects of occurring events

- RTA **collects event information from plenty of sources** mapping and classifying them

- RTA enriches and correlates events with information from external sources using Artificial Intelligence Technologies for smarter exploitation

- RTA generates **alarms which are based on correlation, machine learning or behavioral rules**

Cyber Resilience
Unbreakable shield against Cyber threats

CY4GATE provides the military systems an "unbreakable shield against cyber threats" through specialized governance and certified procedures.

Value drivers

Protecting a system is not enough. **Cyber-resilience integration** is crucial and is designed taking into account specialized assets, features and interfaces in order to Protect the whole Platform as Single a System.

How it is different

- We are **capable to provide full cyber protection to military systems** through dedicated design, specific architectures, vulnerability assessment and structured processes
- We provide an all-round / all-domain approach to cyber protection and we elaborate **adaptive solutions against rapid evolving threats**. The key to an effective protection of military systems is to **master Cyber and Electronic Domain**

Cyber Security

Cyber Security Services
Our Cyber rockstar team supports your security staff

CY4GATE specialists' experience and expertise have developed a package of Cyber Security Services to increase the organization's information security and to minimize the impact in the event of data breach.

How it is different

- **Working shoulder-to-shoulder with the Customer.**
  We fully support the customers through cyber defense strategy and governance procedures

- **Cyber security is a complex issue requiring new approaches to exploit extremely effective and multiple solutions.**
  It's a continuous battle. We offer a diverse range of cyber security services focused on Customers' need granting a long-term business value

Our **cyber experts protect organizations** with proven services and solutions granting the full cyber security lifecycle.

Global Sustainment

Mastering Cyber Warfare full capability with a global training, operational support and lifecycle logistic management in one global solution.

CY4GATE Academy

Advancing knowledge, skills, capability

CY4GATE Academy provides **recruiting, education and training programs to address customer needs in intelligence, Cyber Intelligence and Cyberwarfare, from basic trainings to specialized courses.**
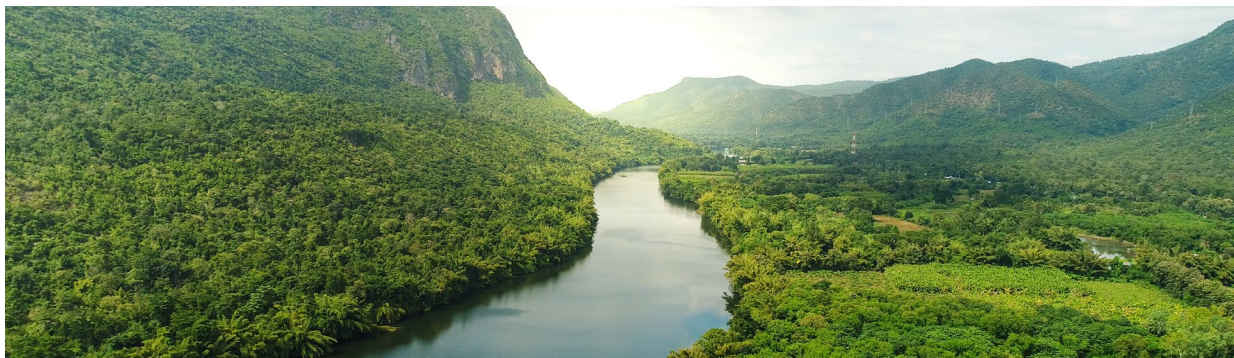
Value drivers

Becoming educated about threats and the best techniques to face them, will make it harder for acybercriminal to access your data.

How it is different

We provide **modern vocational training and education programs** through interactive scenarios, "cyber arenas" where to simulate cyber competition and challenges to solve real-world business issues.

We offer an innovative **method for assessment inside and outside customer organization** bringing together all the best cyber security and cyber intelligence elements.

Global Sustainment

DIGILAB
Preparing the mission

The DIGILAB is a strategic asset, dedicated to perform digital activities for platform and system analysis, vulnerability management, active pattern engineering.

Value drivers

DIGILAB integrates CY4GATE Cyber Academy offering.

The building up of a lasting capability on all the aspects of Cyber Warfare is achieved combining education, training, tools, labs and continuous support for preparing the customer's missions.

How it is different

- We own **full penetration testing and validation capabilities** against complex systems to check the HW, SW and firmware
- We create **laboratories** and services for **code analysis** and to define a valid counter-strategy
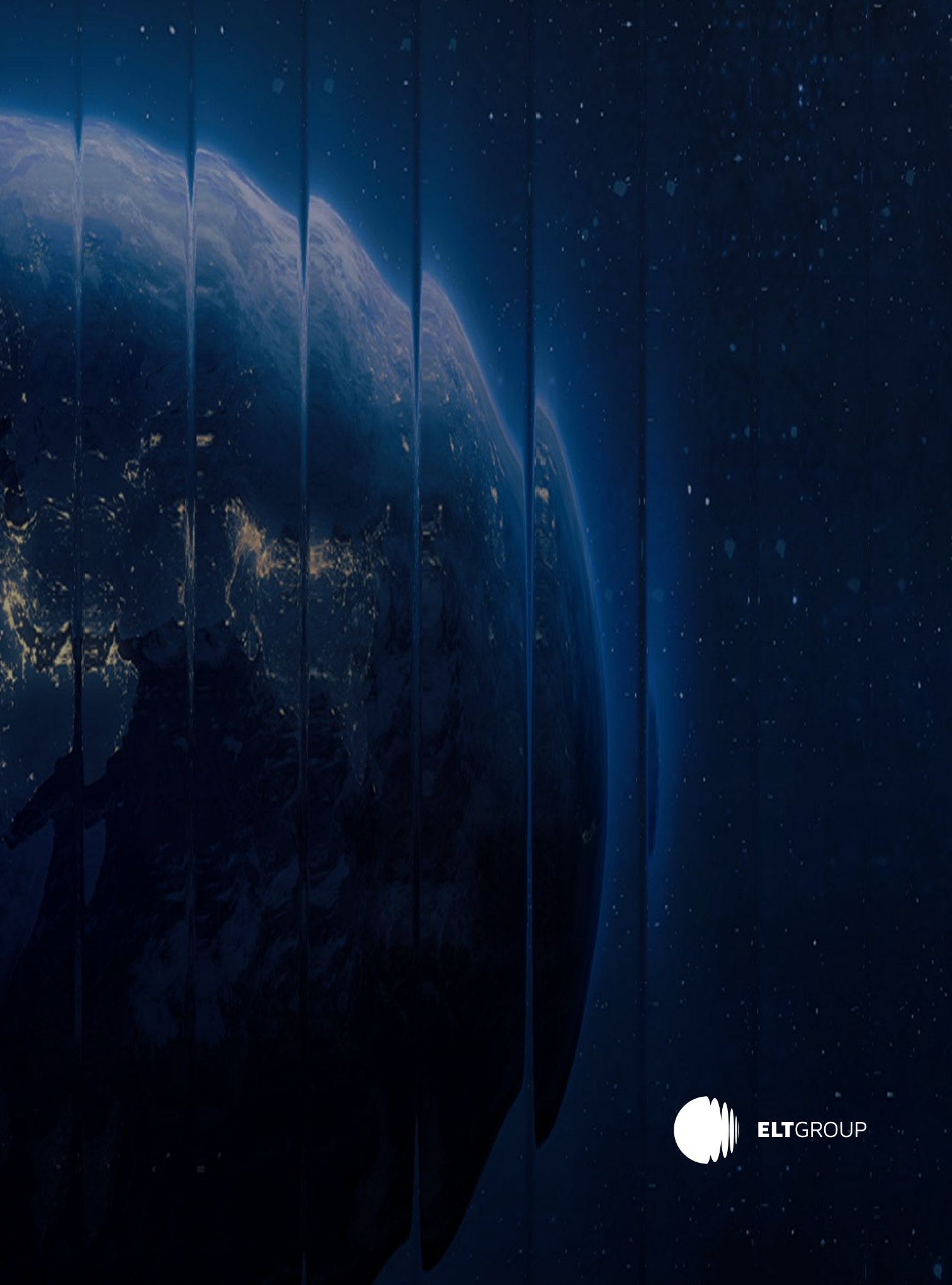
Our solutions

CY4GATE combines resources, competences and expertise to realize a 360° Project in the 5th Domain. Thanks to 65-year long experience in the military, intelligence and law enforcement fields CY4GATE has designed unprecedented cyber electronic warfare and intelligence solutions delivering full-spectrum capabilities and cyber resilient systems to defense, intelligence community and global security Customers.
First things first: protect yourself, always.

We offer the following capabilities in Cyber EW and Intelligence:
- Intelligence
- Public Security
- Cyber Security
- Global Sustainment

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