



December 01, 2021

Mid & Small in Milan 2021



AGENDA

INVESTOR PRESENTATION

- **CY4GATE AT A GLANCE**
- **❖** MARKETS & PRODUCTS
- ❖ 1H 2021 RESULTS
- ❖ STRATEGY & OUTLOOK

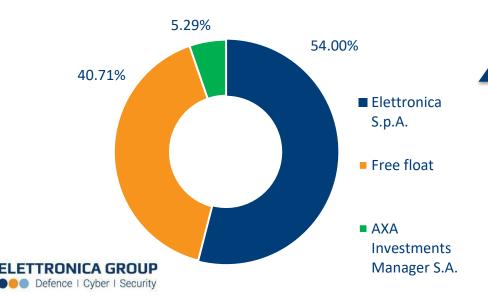




CY4GATE at a Glance

CY4GATE a listed company at AIM Italia operating in the 360° cyber market, was founded in 2014 by Elettronica S.p.A (which has been a leader for more than 60 years in the field of Electronic Countermeasures and which is nowadays the majority partner owing about 54% of the shares)

CY4GATE design, develop and produce I-Techs, goods and services which are able to satisfy even the most particular and peculiar "Cyber Intelligence & Cyber Security" needs moved by the Armed forces, Law Enforcement Agencies (LEA's) and Enterprises within or outside the national borders and markets. The covered fields and offered services are for example: QUIPO, HYDRA, EPEIUS, Gens.Al, Igea, when it comes to Cyber Intelligence; RTA, in the world of Cyber Security.





TOP MANAGEMENT

Domitilla Benigni CHAIRMAN

Independent Member



Emanuele Galtieri CEO & General Manager



Marco Latini CFO & Investor Relations Manager





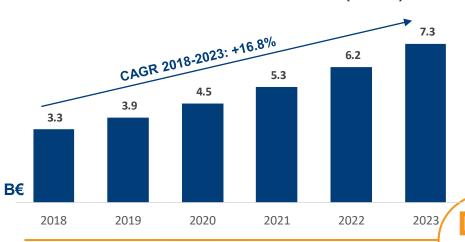


MARKETS & PRODUCTS

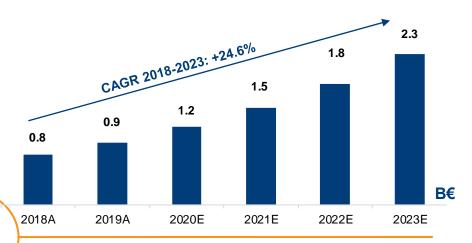
Markets



GLOBAL OPENSOURCE INTELLIGENCE (OSINT) MARKET



GLOBAL LAWFUL INTERCEPTION MARKET



CYBERSECURITY ANALYTICS, INTELLIGENCE, RESPONSE AND ORCHESTRATION ("AIRO") WORLDWIDE



- 3 fast growing markets
- CAGR > 15%

GATE

High level of diversification



One-Stop-Shop Approach with a Wide Range of Proprietary Products

A unique, defensive and offensive platform of integrated HW and SW proprietary modules to gather, collect, analyze, protect or disrupt data and networks, and to extract and disseminate operational meaningful information

CYBER INTELLIGENCE

Cyber Intelligence products and services collect and analyze information available online and generated through the use of digital and electronic devices

DECISION INTELLIGENCE PLATFORM

QUIPO is complete intelligence platform. based on technology, able to mix and match: several data sources. for timely and effective reaction to events

CONTINOUS INTELLIGENCE

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

Support law enforcement and int. agencies providing customizable and easy-to-use lawful interception solution

CYBER SECURITY

Cyber security products and services protect clients' information systems, enabling the detection of anomalies and generating response actions

REAL TIME ANALYTICS ISOCCSIRT

Real time analytics (RTA) is a cyber security application that enables the analyst to detect cyber security anomalies and creates conditions to rapidly strike back. Core product in advanced security operation center (SOC) and security information and event management (SIEM)

SIEM
(Security information and event management)
MONITORING

Cv4Sec

Pool of training and educational services covering the following topics:

- PT/VA
- Cryptoanalysis
- Reverse engineering
- Malware analysis
- Ethical hacker training and education
- Cyber resilience military systems

DGILAB Academy



LAWFUL INTERCEPTION

Social Media Intelligence)

SOCMINT





QUIPO DECISION INTELLIGENCE

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

QUIPO is a **Decision Intelligence** platform based on Al algorithms that transforms **data into knowledge** and provides **Decision Support** and **Decision Augmentation** more and beyond traditional solutions based on conventional IT technologies

Value drivers

Multilayer analysis in a unique solution

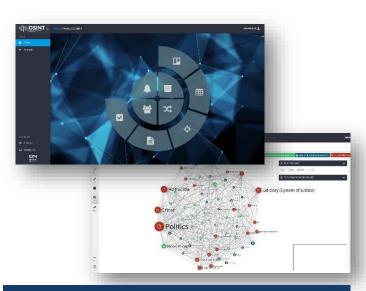
The integrated collection of multiple information assets (internal or external) enables the possibility to combine multiple analysis models (video tagging, audio tagging, semantic analysis, face recognition, location identification, feature detection, link analysis, etc.).

Prompt Information from large datasets

More effective real time access to external and internal information minimizes reputational risks, and a fraud and product development mitigates costs

Unique platform for Better Intelligence

A central platform, specifically designed to support the intelligence cycle, help the possibility to improve the analysis, dissemination and production possibilities



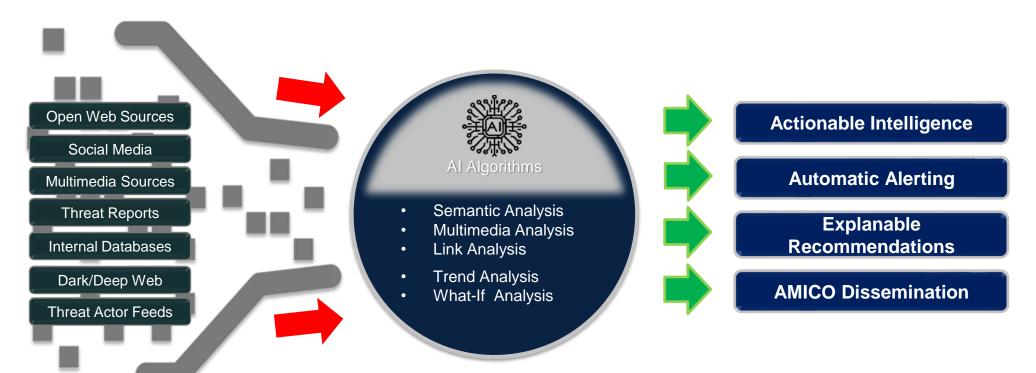
- Fully customizable software platform specifically designed for the efficient management of structured and unstructured data
- Al Technologies to automate and augment the analysis activities. Different modules (semantic module, image tagging/face recognition modules, "anomalous behaviour" module) which works on machine learning, cognitive computing and deep learning
- Multiyear experience in the intelligence domain and enterprises security transformed into a platform that supports analysts from A to Z





QUIPO Data Centric Intelligence Architecture

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Heterogeneus Data Collection



Data Analysis



Outcome Dissemination



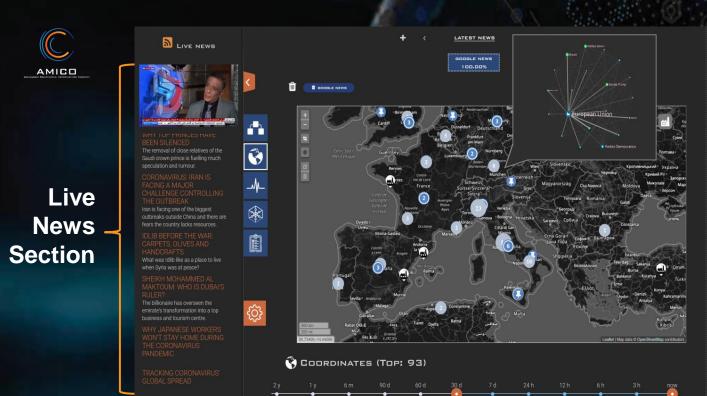
QUIPO Automation for Decision Augmentation





AMICO 'Advanced Multimedia Information COckpit'





LAST 100 DOCUMENTS

OF 6820

Even as COVID-19 spreads, some sports stadium construction is 'essential' and the work goes - USA TODAY

4 hours ano

Even as COVID-19 spreads, some sports stadium construction is 'essential' and the work goes Josh Peter USA TODAY Published 7:30 AM EDT Apr 3, 2020 INGLEWOOD, Calif. — They arrived before dawn on Monday. Hundreds of construction workers got out of

COVID-19 circuit breaker closure of workplace

5 hours ago

COVID-19 circuit breaker: Closure of workplace premises Additional safe distancing measures will be implemented in workplaces from 7 Apr 2020 min read Published on 03 Apr 2020 Share: Listen Many workplaces have implemented work-from-home arrangement...

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YouTube YouTube profits from videos promoting unproven Covid-19 treatments New report finds company is running ads on videos pushing herbs and potentially unsafe over-the-counter treatments for virus Fri 3 Apr 2020 11.00 BST Last modified on Fri 3 Ab...

The N.R.A. Sees a Threat, and an Opportunity,

Documents published from QUIPO

360° Actionable Situation Awareness



One-Stop-Shop Approach with a Wide Range of Proprietary Products

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DGILAB Academy



Social Media Intelligence)

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LAWFUL INTERCEPTION





RTA

Upgrade your threat detection tools

Real Time Analytics (RTA) is a cyber security application framework that allows: Ingestion, Processing, Enrichment and analysis of different kind of security events

RTA enables the analyst to detect anomalies and establishes the conditions to rapidly strike back

Value drivers

Sensors are everywhere

Smart collection and normalization of every sensor enables: understandable data meaning, rapid detection of any anomaly among billions of data. Also raw Network traffic can be collected and analysed as for events

More Enrichment → More Context → Better Insight

RTA enrich all incoming events adding information related to the execution context, the involved entities and the purpose of the action because the more context we have the more insights we can have

Drill down and Situation Awareness

A single point of view for the Analyst allows for more efficient browsing thus helping to detect entities and their relationships. RTA is able to identify relationship network, through visualization tools allowing for a more accurate analysis of threats

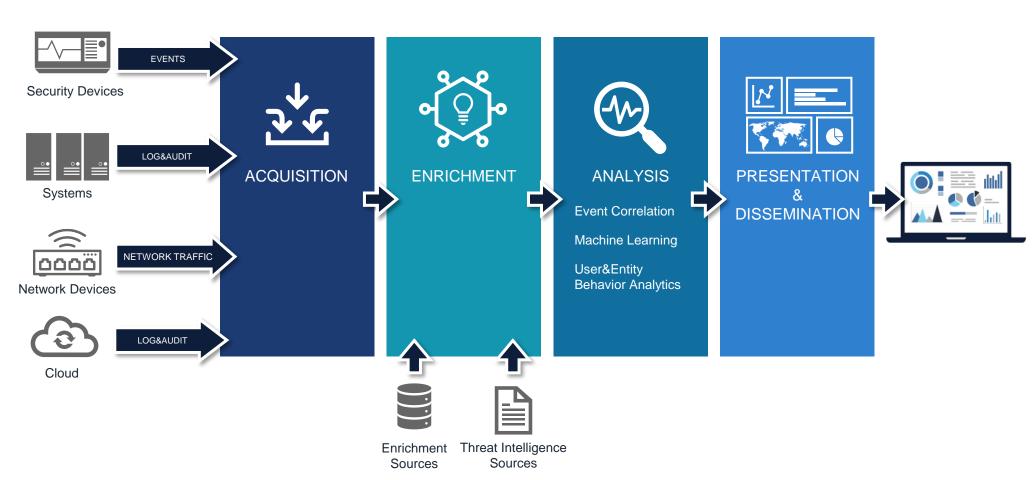


- RTA can be defined as a "Time Machine" which allows the analyst to gather information history in order to "freeze the crime scene" in dynamic and ever-changing situations. This Time Machine also allows the Analyst to flash forward to gather information regarding potential effects of occurring events
- Real Time Analytics collects event information from plenty of sources. It then map and classify the events through various adapters. In this manner, events are enriched and correlated with information from external sources using Artificial Intelligence Technologies for smarter exploitation
- Alarms are based on correlation, machine learning or behavioral rules Alarms are operated by the indexing engine and then transferred to the graphical user interface which allows the analyst to perform several actions simultaneously to handle alarms



RTA Solution Architecture

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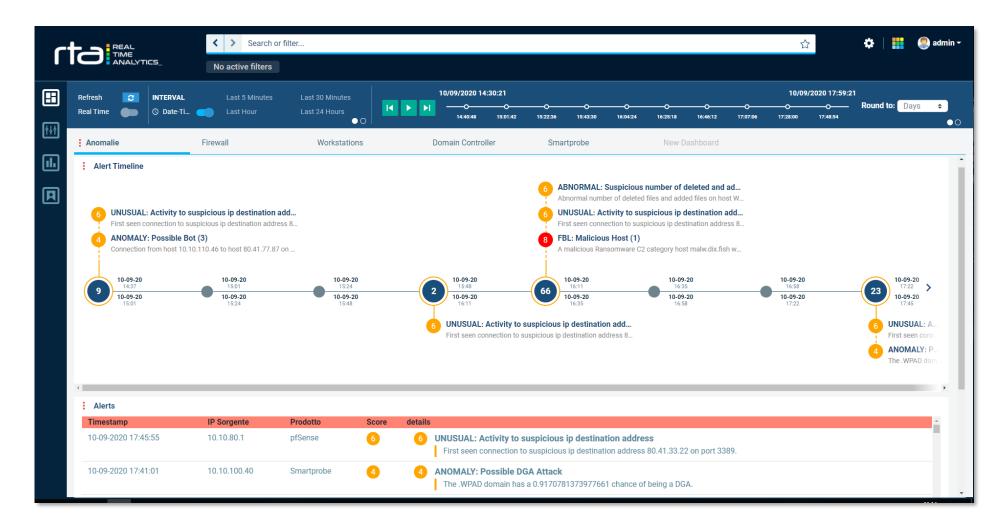






RTA: Augmented Incident Management Process

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LAWFUL INTERCEPTION

SOCMINT



providing customizable and easy-to-use

lawful interception solution

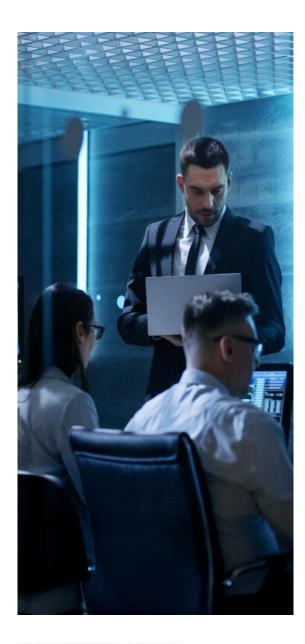
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DGILAB Academy





CY4GATE ACADEMY

Advanced knowledge, skills, capability

CY4Gate Academy provides recruiting, educational and training programs to address today's needs in intelligence, cyber intelligence and cyberwarfare.

Value drivers

Capability Oriented

Capability refers to the process of converting 'cyber knowledge' into specific results. "Cyber Knowledge", indeed, never transforms in cyber capability automatically because requires a combined hands-on and exercise oriented approach

Creating better staff

Your staff deserves the opportunity to learn, begin and grow a career in the cyber and intelligence fields

More Readiness → Better Security

Becoming prepared about threats and the best techniques to face them, will make it harder for a cybercriminal to access your data



- Some (successful) cybersecurity expert skills simply cannot be taught in a traditional classroom. This is why we always offer Modern vocational training and skills education programs through interactive scenarios, "cyber arenas" where to simulate real cyber competition, and challenges to solve real-world business and human competitions
- "Learning elements, contents, and skills" together.
 Bringing together all the best cyber security and cyber
 intelligence elements, from those who are doing it,
 those who did it, and those who learned from it,
 and delivering to your organization
- CY4GATE Academy offers an innovative method for assessment inside and outside your organization







DIGILAB

Prepare Your Cyber Mission!

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

Value drivers

Beyond the Academic Approach

The building up of a lasting capability on all the aspects of Cyber Warfare can hardly be achieved by traditional education & training which is useful for the creation of individual competences, but not sufficient to establish a permanent capability. So, also for this reason we have DIGILAB that integrates our Cyber Academy offering

Tailored around the Customer

Every customer has his needs and for this reason each DIGILAB is a unique mix of education, training, labs and continuous support for preparing customer's missions

Focused on Teamworking

Final goal of a DIGILAB program is to train all the teams (Penetration Testing team, Intelligence Team, Malware reversing and exploiting team, Reversing team, Crypto-analysis team and so on) to understand how to approach a cyber mission and identify the right tools for each specific task



- We own full penetration testing and validation capabilities against complex systems to check the HW, SW, firmware. Also the wireless level
- We create laboratories and services for malicious code analysis and define a valid counter-strategy
- We can reverse engineer things to catch how a device or algorithm works







CYBER SECURITY SERVICES

First things first: protect yourself, always

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

Value drivers

One cyber attack can destroy All

It's not a matter of IF, it's a matter of WHEN. The cost can be catastrophic and more expensive compared to the cost of implementing a proper cyber security strategy

Effective Cyber Security increase trust and productivity

A computer incident decrease trust on data and services and affects your productivity. At the same time if you can demonstrate your resilience to cyber threats, you can inspire trust in your stakeholders

Know the impact of Kill-chains

Decision-makers need to have visibility regarding the real exposure of the critical processes to cyber attacks. We can use advanced penetration testing capabilities to validate the underlying technologies and simulate the impact of a complex cyber attack



- Working shoulder-to-shoulder with you, we fully support our customers through cyber defense strategy and governance
- Cyber security isn't a single problem, with one solution. It's a continuous battle. We offer a wide range of cyber security services focused on our customers' need to grant them long-term value for your business
- Our cyber experts protect many organizations with proven services and solutions for the full cyber security lifecycle
- We can assess all layers of a target technology, looking inside the software, hardware, firmware and wireless level and combining dynamic and static analysis with reverse engineering capabilities







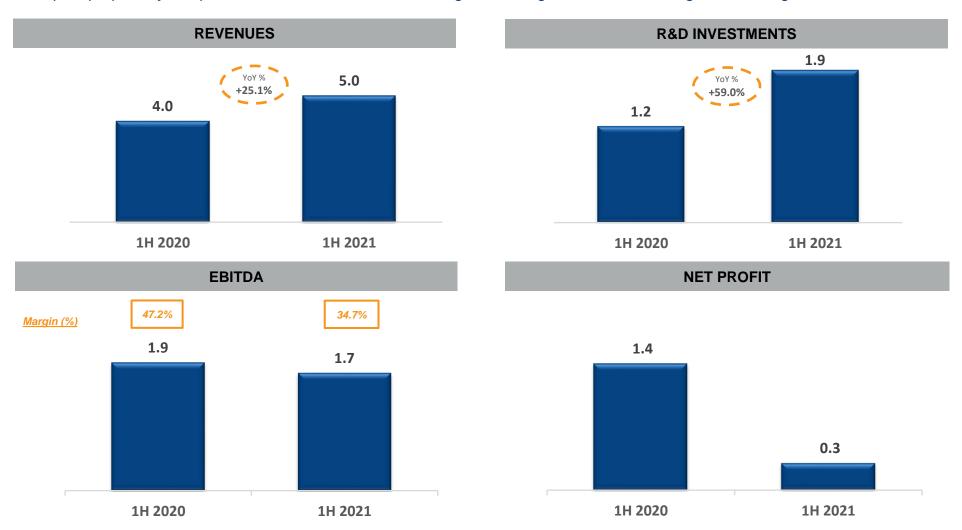
1H 2021 RESULTS



1H 2021 Financial Highlights

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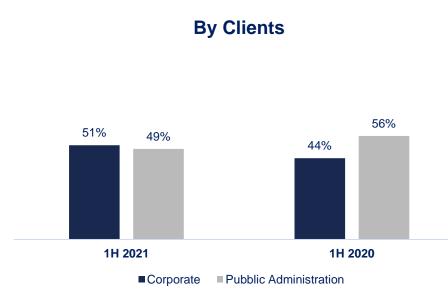
Keep on proprietary SW products commercialization, enabling revenues growth and solid margin and cash generation



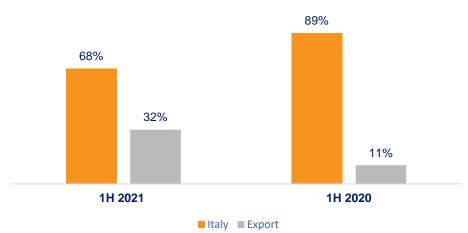


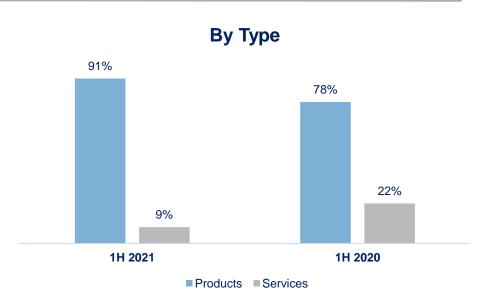
Revenues Breakdown 1H 2021











- By clients: improved penetration in the corporate market
- By Type: focused on products commercialization
- By Geographical area: increased foreign sales thanks to business development initiatives





Investments

- Significant investment in staff: +31 FTE YoY
- +22 direct staff: reinforced to meet the needs of R&D projects and upcoming contractual deliveries.
- 50% of incremental staff cost, around €700/k, invested in R&D activities
- +9 resources mainly related to strengthening the sales force to support the company's strategic market presence















STRATEGY & OUTLOOK



High Potential Momentum for Value Creation

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Significant commercial opportunities on the foreign market and on the Italian government Attractive and growing markets: Cyber Intelligence and Cyber Security



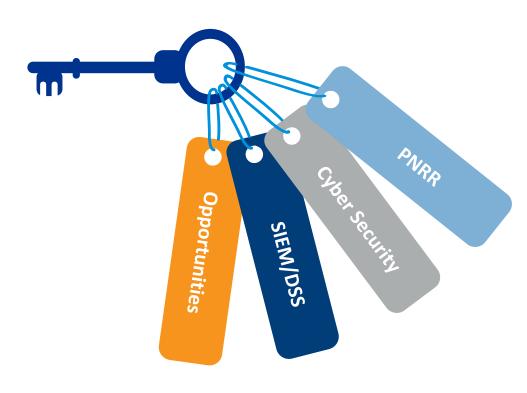
- 360° cyberhouse: unique in the Italian competitive landscape
- Robust technology engine: 5 proprietary solutions and CEWIS
- Positioning on key technological trends identified by Gartner in the corporate reference sectors (advanced decision intelligence and SIEM systems)



National and European regulatory framework suitable to the growth of European digital SW companies



Funds linked to the PNRR "National Recovery and Resilience Plan" on digital innovations and cybersecurity







Strategic Plan fueled by both Organic and External Growth

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Strategy pillars

Commercial/ Sales Salesforce **development** to **improve Italian market penetration** coupled with reinforced commercial efforts to **strengthen agreements** with key partners

Products Development

Creation of integrated solutions through the development of new functions with the aim of creating a competitive product offering both in Italy and abroad

Brand Positioning

Improvement of brand positioning and visibility through proper communication campaign and opening of commercial branches

M&A Activity,
Talent Acquisition
and Retention

Cy4Gate aims to **expand** its **business through M&A** activity and to **gather** the best **human resources** operating in the reference industry





M&A Target: RCS LAB

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RCS LAB is the main Italian supplier of interception tools.

It is headquartered in Milan, Italy, and its customers include public prosecutors, law enforcement agencies, and secret services, to whom it supplies software for environmental, telephone and telematic interception, as well as systems for the advanced analysis of investigative information, with revenues of approximately € 40 million

Rationale of operation



Market reach: consolidate Italy and create growth opportunities in Europe



Important synergies in R&D without overlapping but with product integration



Creation of an Italian cyber security and cyber intelligence centre



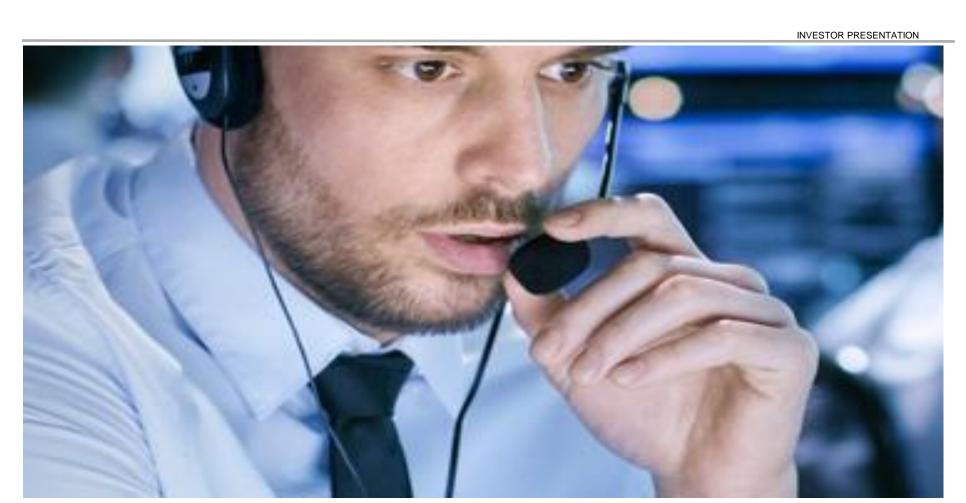




THANK YOU

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