

SECURITY

Securing Major events Sensitive sites



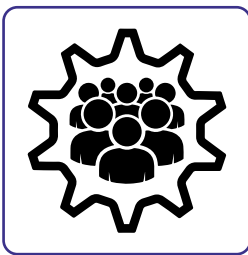
GICAT

The French land defence and security industry association



COMMAND AND CONTROL

The aim is to provide Internal Security Forces with the ability to supervise and coordinate operations. These tools enable the forces to react effectively in emergency situations and to have information on the situation on the ground, including capabilities such as hypervision, cartography and document digitisation, centralisation, visualisation and sharing of information, as well as collaboration tools.



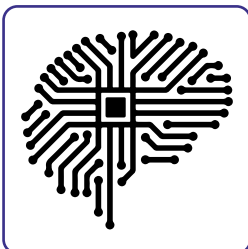
CROWD AND FLOW MANAGEMENT

The capabilities involved in these two functional blocks are used for control and regulation of people's movements in public and private spaces. The objective is to ensure crowd security and fluidity of movements. This includes resources such as flow modelling and crowd control.



NRBC-E

These solutions are used, on the one hand, for detection, identification and evaluation of CBRN-E (chemical, biological, radiological, nuclear and explosive) threats, but also for responding to an incident. The solutions presented enable operators to rapidly resolve ambiguities, and also to carry out decontamination operations, thus covering the entire spectrum of CBRN-E threats.



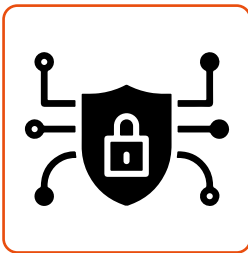
ARTIFICIAL INTELLIGENCE AND SOFTWARE

Smart analysis of images comprises anomaly detection through aggregation and analysis of video streams from different sources using artificial intelligence. Solutions can be used to improve identification of high-risk situations and create alerts that can be passed on to a command centre.



CYBERCRIMINALITY

The proposed solutions correspond to the cybersecurity needs of the ministry's infrastructures: vulnerability search, installation of automated security systems (e.g. SOAR), or to the technical resources needed to support cyberspace investigation missions: investigation via GEOINT, medium analysis or IoT detection.



OSINT

Solutions are proposed for the collection, analysis and exploitation of open source data (web and dark web, forums, public databases) to rapidly identify high-risk situations or to better understand trends or threats. Today these tools play an essential role in cybersecurity and in counter-terrorism.



LOW ALTITUDE AIR TRAFFIC CONTROL

Fire power remains the ultimate mode of action. In a unit like the GIGN, the Solutions are proposed to install and evaluate the operational added value of innovative counter-drone systems. The tools should enable, for example, enhanced protection against this growing threat through the integration, interoperability and superposition of the forces' tactical detection and neutralisation systems.



AIRBORNE SITE SURVEILLANCE

The solutions proposed aim to protect access to Olympic sites, enable access restrictions within a certain perimeter, as well as ensuring the fluidity and security of roadways while integrating systems for data transmission (4G/5G), public address and public alerts. The air vehicles presented can carry cameras or systems to generate audio, visual or network messages to the public or the forces, for example.












NAUTICAL AND RIVER

This functional block represents all the operational resources designed to ensure security of shorelines, river basins and underwater zones. These systems enable surveillance, control and neutralisation of threats, as well as projection of internal security forces.

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LISTING

membership
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CROWD
AND
FLOW MANAGE-
MENT

ALSETEX

Étienne LACROIX Group, 100% private family equity originally founded in 1848. The company is a worldwide leading manufacturer in the field of pyrotechnics for security and defense applications.

Alsetex, subsidiaries of the family-owned group Étienne Lacroix, have been specialized in the design and manufacture of a wide range of pyrotechnic products since the 1960's, which are today employed by intervention and counterterrorism teams around the world.

Alsetex range of products

Alsetex develops a wide range of effects, dedicated to special forces from its range of launchers (40mm, single, multiple 4 barrels) and especially around its range of hand grenades. Offensive, defensive, flash and bang, masking, barricade, burst, stun, flash, thermic pot, smoke devices, distress signals...

Innovation strategy

Alsetex allocates human and financial capacities to develop specific and dedicated products and follow a group innovation strategy.

One of the last innovation is the new generation of reversible ignition devices, without safety pin. Reversibility of these new ignitors allow arming and disarming of the product, whatever the effect.

This new generation of ignition devices increase the safety and use of hand grenades.



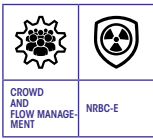
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AMCO

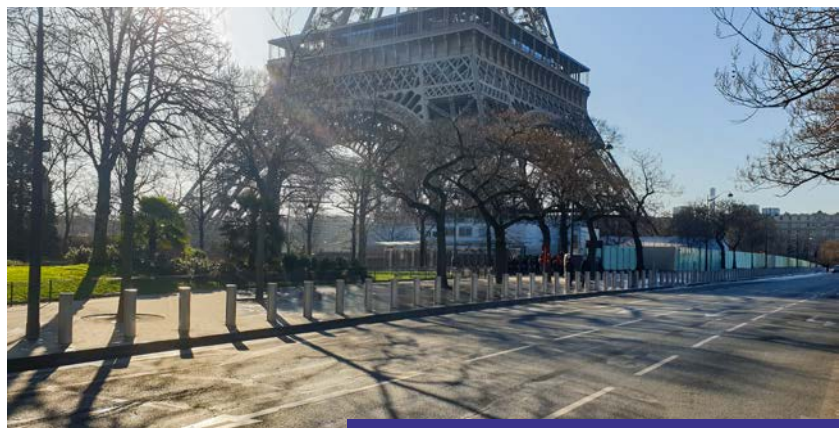
AMCO Les Escamotables, brand of LBA group, has 140 people at the service of innovation and customer service.

Our integrated engineering teams have been designing our 100% made in France and eco-design products for more than 35 years.

Our 2 production sites in Lyon and Avignon allow us to offer the widest range of perimeter security products on the market. We are the leader in France in our historical product ranges and promote a real breakthrough innovation approach, by offering solutions or functionalities that anticipate the needs of our customers and allow them to be more competitive in their markets.

Born from the alliance of the inventor of the retractable bollard and the 1st French manufacturer of barriers, the LBA Group today is specialized in urban and anti-intrusion obstacles, barriers and pedestrian turnstiles to secure accesses.

Specialist of automatic barriers, roadblockers, obstacles, bollards and tyre killers.



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ANOZR WAY

ANOZR WAY, people centric cyber protection against social engineering attacks.

ANOZR WAY is an innovative startup born in 2019, which develops cyber Humint solutions, designed to prevent and protect staff against cyber-attacks and fraud, identify digital traces on the Internet and reduce cyber risks. As social engineering threats increase (espionage, account takeover, email attacks, disinformation, etc.), ANOZR WAY offers a comprehensive offer for risk assessment, alerting and remediation to prevent and counter cyber-attacks on people.

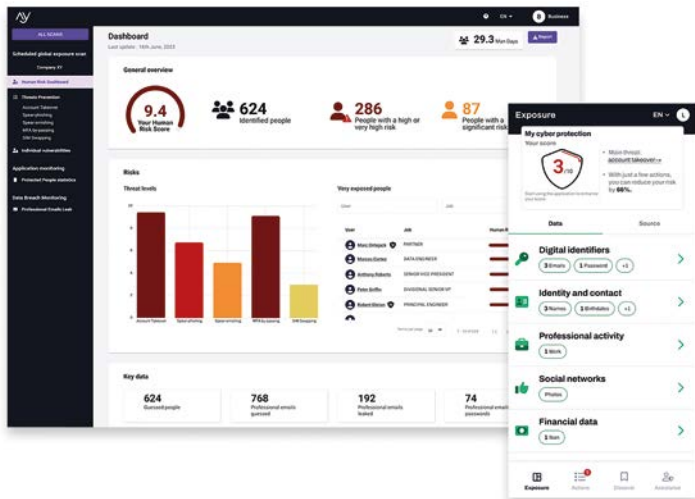
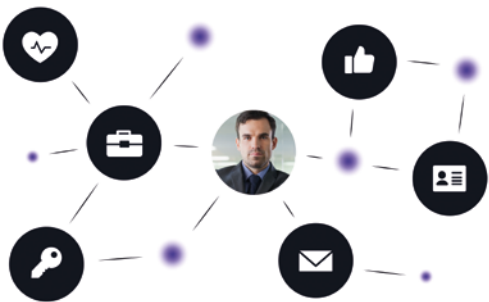
Winner of the 2023 FIC award, ANOZR WAY works for European and North American clients

A leader in social engineering protection solutions, ANOZR WAY provides digital footprint qualification solutions. The digital footprint, composed of professional and personal data in the cyber space (on social networks, the Internet or the dark web) is the raw material for attackers to target a person or their organization, through phishing, identity theft, fraud, social engineering, data theft, espionage... This exposure, whether voluntary or not, is a real "human attack surface", for the private and professional lives of the people and their organization.

ANOZR WAY relies on its Cyber Humint platform to assess the risks related to the digital footprint, alert in the event of information leakage and compromise and propose actions to remediate its human flaws and vulnerabilities.

Depending on the needs of organizations and large companies, ANOZR WAY offers the following solutions:

- A risk audit dashboard based on the exposure of personal data to measure and monitor human cyber risks, detect employee data leaks and monitor the evolution of cyber risk for at-risk individuals.
- A personal protection application for staff so that they can be mobilized, alerted and prepared to prevent attacks that could target them,
- A search solution to qualify certain digital traces, de-pseudonymize avatars and assign them to real people, and automate the sequence of pivots on more than sixty human indicators of compromise (IoC-H™).



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E	ARTIFICIAL INTELLIGENCE AND SOFTWARE	OSINT	AIRBORNE SITE SURVEILLANCE	NAUTICAL AND RIVER

ARDANTI

Consulting and engineering for cost-effective site protection tailored to your.

ARDANTI DEFENSE, Consulting and engineering services for the protection of sensitive sites and borders through 3D digital audits, optimized design of security reinforcements, and cost reduction

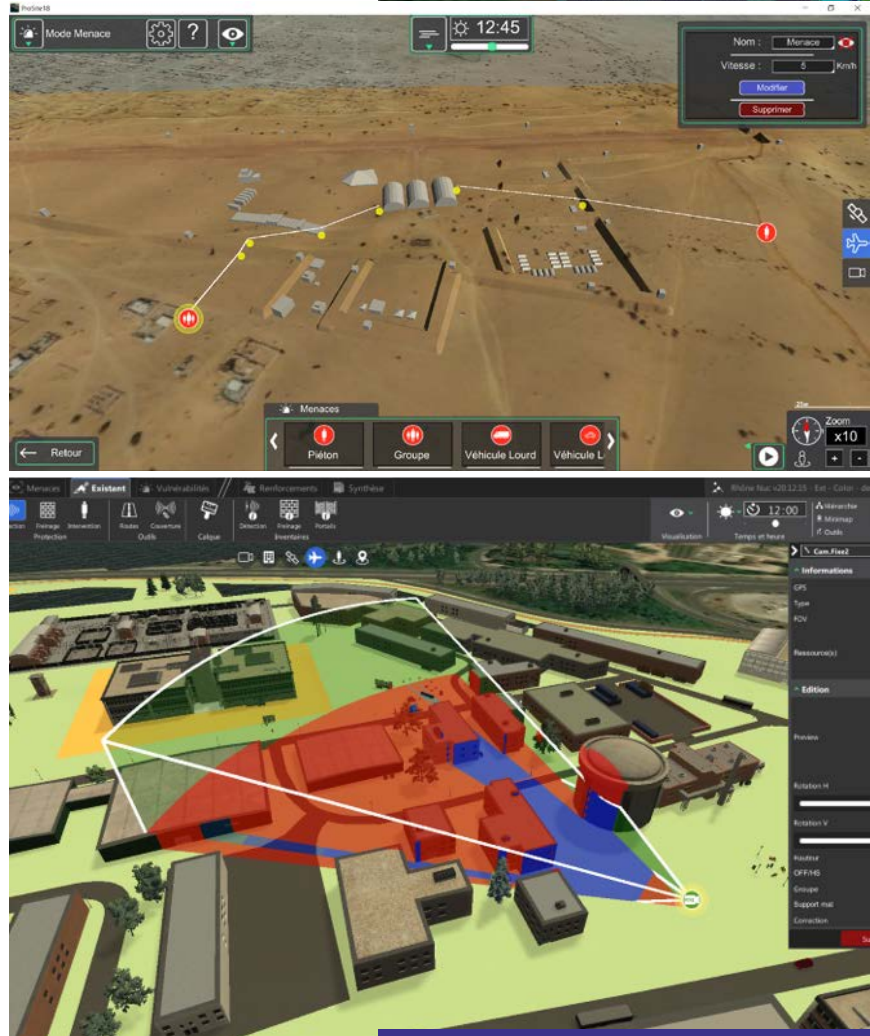
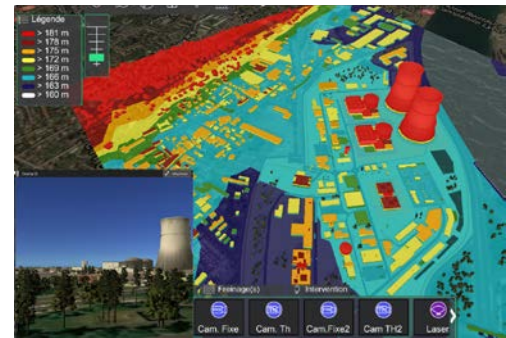
ARDANTI DEFENSE uses an innovative mathematical method to help identify protection vulnerabilities against malicious attacks on critical sites, and to design reinforcements to meet the RIGHT NEED at the LOWEST COST.

The 4-6 month service is based on the creation of a 3D digital model and our patented 3DanalytiX physical protection simulator. The latter, the only one of its kind in Europe, uses a fact-based algorithmic approach that is independent of solutions, to optimize all devices to a very high degree.

This is achieved by following a process that strictly guarantees the protection of confidentiality and secrecy.




We help military, nuclear, institutional and industrial organizations ... as well as events such as the JOP 2024, for entities such as Orano, ArianeGroup, GRT Gaz, Suez, CEA, RTE, French MOD, Ministère de l'Énergie, ...

Ardanti Défense was founded in 2001, is based in Paris 7ème and has a permanent staff of around ten, mostly engineers and former military personnel.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E

ARQUUS

As a European leader in land mobility, Arquus is a key player in the French defense industry.

Its expertise includes vehicle design, propulsion, mobility, system integration, automation and support. Manufacturer of world-renowned vehicles such as the VAB, VBL, BASTION, and the SHERPA range, Arquus is a key partner for over 60 countries worldwide.

Military vehicles at the service of security Ensuring mobility in emergency situations.

In its Security range, Arquus offers vehicles specially designed for internal security: police, National Guard, intervention units, counter-terrorism, border guards. The SHERPA is available in several variants and configurations to ensure all internal security missions. This family of vehicles was specifically designed to provide excellent payload and protection capabilities, while maintaining tactical and strategic mobility. Proven in many armies and police forces around the world, the SHERPA has greatly proven its effectiveness in complex territories. In assault ladder configuration, the SHERPA notably serves in the elite force of the French Gendarmerie, GIGN.

A wide range to cover all missions

Arquus' security range includes variants of tactical vehicles with specific features: large internal volumes, protection against threats (ballistic, stones, or Molotov cocktails) and specific equipment such as clearing blades, sound systems, and non-lethal weapon systems (tear gas, water cannons). Considering the planning of future sports events in France and given the Vigipirate context and the increased risk of attacks, the need for armored personnel carrier vehicles (APCs) is growing. The Arquus range offers numerous configurations for this type of vehicle with protection levels suitable for all interventions.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	ARTIFICIAL INTELLIGENCE AND SOFTWARE	LOW ALTITUDE AIR TRAFFIC CONTROL	AIRBORNE SITE SURVEILLANCE	NAUTICAL AND RIVER

ATERMES

For over 35 years, ATERMES has been a renowned industrial partner in the Defense and Security sector, offering high-performance solutions from design to maintenance.

Evolving into an Intermediate-Sized Enterprise, ATERMES stands out with its expertise exported through specialized products in tactical surveillance equipment such as BARIER™, ASOS® SIAMM®, or SURICATE. These innovations aim to enhance the surveillance of strategic areas.

SURICATE, a revolution in optronic surveillance, meets detection requirements in various applications. Featuring high-performance optronics, it provides clear vision in total darkness with a daytime camera and « cooled » thermal channel. Its optical zoom captures crucial details over long distances.

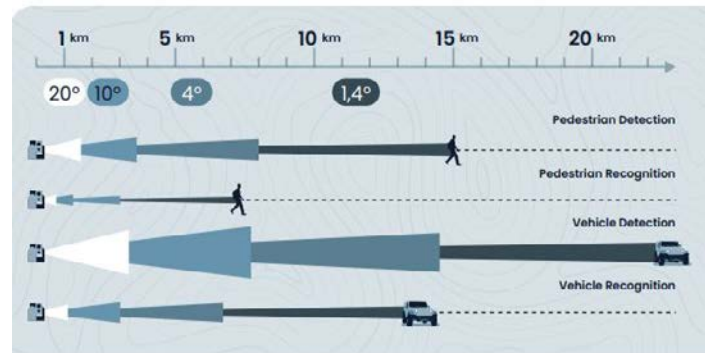
An advanced inference engine ensures automatic detection and classification of objects, enabling precise and efficient surveillance. With an intuitive web interface, real-time scene visualization is effortless.

Its long-range recognition capability allows human detection up to 15 km and vehicles up to 22 km away. Ideal for border surveillance with high-resolution cameras and thermal imaging, SURICATE operates in extreme conditions from -40°C to 50°C. Optronics, especially SURICATE, offers precise and indispensable detection for 24/7 surveillance.

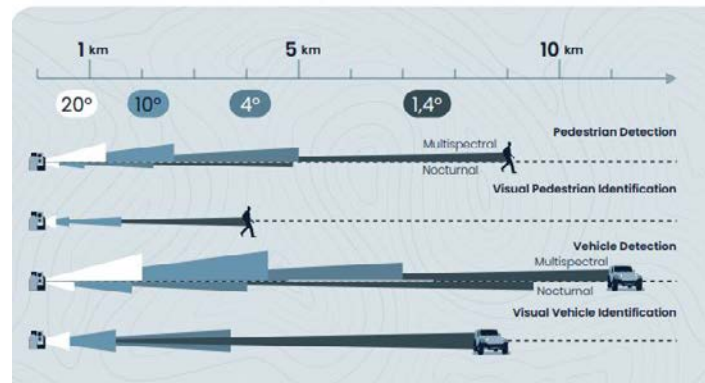
Invest in cutting-edge technology with SURICATE to safeguard your assets, personnel, and peace of mind.



Detection and Visual Recognition Distance



Visual Identification and Deep Classification



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BERTIN TECHNOLOGIES



BERTIN TECHNOLOGIES is a french industrial group in high-end instrumentation that designs and manufactures, in France and in Europe, measurement, observation and detection systems and instruments for critical or scientific applications. Every day, Bertin Technologies pursues technological advances in the fields of defense, nuclear, space, big science, life sciences and health.

In an increasingly unpredictable geopolitical context, with the rise of terrorism and international crises, it has become essential to guarantee the safety of participants and spectators at major events.

Among the various protective measures available, Chemical, Biological, Radiological and Nuclear monitoring solutions, as well as day/night vision devices, are proving indispensable. These solutions form the first line of defense, ensuring continuous monitoring, rapid detection and accurate measurement of threats.

Bertin Technologies is the only European manufacturer to provide a complete portfolio of solutions for the detection, identification and monitoring of CBRN threats, whether accidental or deliberate.

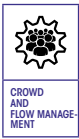
Bertin Technologies also offers a wide range of thermal camera modules designed for integrators and manufacturers. These low SWaP cameras can be easily integrated into any complex system, for optimized day/night observation and surveillance applications.

By providing in-depth situational awareness, these early warning solutions create an essential capability to anticipate and proactively respond to any threat, ensuring the safety of individuals, the preservation of the environment and the stability of the local economy. This approach not only reduces risks and negative consequences, but also fosters greater resilience in the face of unforeseen events, creating a safer, more stable environment for all.



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CENTIGON FRANCE

Manufacturer of armored solutions since 1948, CENTIGON FRANCE is the trusted partner of the French administration, security forces, and other governmental and private services, offering reliable protection and optimal security.

With over 70 years of experience, the French company based in Lamballe, Brittany, offers a complete range of armored mobility solutions meeting the most demanding standards. Centigon France designs and manufactures a wide range of armored vehicles and solutions. More specifically, Centigon France specializes in the development and transformation of three ranges of armored solutions and custom armored solutions.

The FORTRESS 300 Intervention

is Centigon France's armored version of the legendary Land Cruiser, in its latest version, the LC300. This model is designed to perform a wide range of safety missions. It provides maximum protection for intervention groups. It is an ideal vehicle for securing high-profile events and discreetly escorting personalities.

The FORD RANGER B6

Born from the partnership between Ford and Centigon France, the Ford Ranger B6 is versatile in nature and adaptable to various environments. They are particularly effective vehicles for securing sensitive sites and meet the needs of internal security actors. Its simple and lightweight design makes driving this armored vehicle accessible with a standard driving licence.



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CentigonTM
CENTIGON FRANCE



COMMAND AND CONTROL

LOW ALTITUDE AIR TRAFFIC CONTROL

CERBAIR

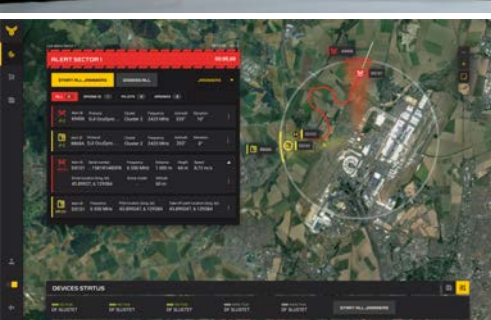
CERBAIR, the French leader in radiofrequency drone control.

CERBAIR is the French leader in counter-UAV systems for the detection, characterization and neutralization of unauthorized drones. Leveraging its expertise in radio-frequency signal processing, ensures the design, deployment, and maintenance of systems that protect airspace for critical infrastructures, military bases, warships and national events, against the evolving drone threat. Specialized in radio frequency technology applied to anti-drone warfare, CERBAIR has quickly become a reference in protocols recognition associated with a range of passive detection systems and smart jamming systems.

CERBAIR has established itself as a leader for complete air defense systems by building trust of major institutional actors in France and abroad. MBDA, the European leader in missiles design, is a historic shareholder of CERBAIR.

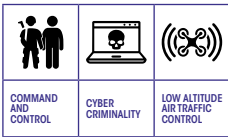
Expertise

- The most complete database on the market
- Signal processing with precise matching of received signals
- Drones and pilots detection
- On-site reconnaissance for a customized protection level
- Export and international developments with the support of French Ministry of the Interior
- Systems designed and manufactured in France



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CETRAC.IO

CETRAC.IO high performance, safe, cyber resilient and low energy networking for new generation infrastructures.

CetraC.io delivers cyber resilient networks for critical sites such as energy powerplants and transport hubs, hospitals, data centers and major public events, with a global customer base.

Next generation cyber resilient networking for major infrastructures

CetraC.io delivers the key networking building blocks to build secure data exchange architectures in the era of interconnection and strategic cyber threats : network diodes, multi-protocol gateways, network access, data concentrators. Largely used in aircraft and defense, CetraC.io is now introduced in critical sites and industry, using its many cyber resilient mechanisms.

CetraC.io masters the main communication protocols on the market, including the most recent ones such as different Ethernet TSN profiles in the Gigabit throughput/microsecond latency range, automotive and industrial protocols, as well as direct interfaces to processors and actuators. CetraC.io IP can be hosted on FPGAs or ASICs depending on the business model and constraint of each market vertical.

Shielding of industrial plants and critical sites

CetraC.io has developed a variety of networks diodes and hardware firewalls, including the Gemini bi-directional diode that is unique of its kind. It makes cyber resilience possible, even with extracting real time data flows from plants, be it manufacturing or process operations. This Industry 4.0 connectivity trend is a global move that needs careful implementation : extracting production data, processing analytics off-site and feedback production or process commands to optimize production. It is obvious that cyber resilience of this feedback loop needs to be ensured at the highest possible level to avoid disrupting production.

For hospitals, beyond the ransomware attacks on IT, facilities such as elevators and fluids and gases distribution and life-critical medical devices need to be perfectly shielded from the outside.

CetraC OTCyberGate – 1Gbps
Secure two-way data transfer

- The solution leverages hardware enforced two one-way circuits based on **FPGA** technology.
- Hardware Enforced architecture** guarantees an unidirectional data flow at physical level in each direction
- Eliminates the risk** of software vulnerabilities and misconfiguration
- The OT network is **invisible** to all outside networks
- Optionally Integrated with industry standard protocols for **protocol break** in both direction.

Introduction
Critical infrastructure and Industrial environments have safety & operation critical networks disconnected from other networks. With the 4th Industrial Revolution and the Digital Transformation, these critical networks cannot stay isolated any longer and need to exchange data with the plant's IT network, the corporate network and even further with the Cloud. To maintain an acceptable level of cyber security, the OT network needs to stay invisible to outside networks. The OT network needs to deny all and allow only by exception a very limited number of network traffic strictly controlled. To make the data accessible to outside networks while maintaining the necessary level of cyber security, CetraC OTCyberGate is the hardware enforced Cerberus guarding the gate of the OT network.
The solution uses FPGA to control 100% which traffic is allowed in and out of the OT Layer 3.5 DMZ. Only strictly and explicitly allowed traffic can go through OTCyberGate through two one-way data channels. Optionally, additional software proxies can offer protocol break for industrial protocols adding an extra layer of security.

Specifications

Mounting and Space	19" Rack Mounting, 1U Rack Space
Network Interface	2 * Copper or Fiber Multimode, 1 * management interface
Maximum number of connection	1024
Maximum number of channels	32
Power Input	110-230V AC, 50-60 Hz
Throughput	1 Gbps



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CILAS

CILAS is committed to protecting and securing sensitive events and sites.

As a long-standing supplier to the armed forces, CILAS proudly contributes to the sovereignty of the country and its allies in the Defence, Security and Space sectors. CILAS' mission is to contribute to peace by making the armed forces more efficient through laser technology.

Sniper and observer detection - SLD

Operational bases or sensitive sites are extremely vulnerable to optical observations carried out at long distances. A well-camouflaged shooter is invisible to most means of detection.

Laser-based detection systems are able to spot and identify such threats thanks to the reflection of the laser beam on the precision optics used by snipers. Therefore, the threat can be countered.

The SLD developed by CILAS integrates active camera and laser imaging technologies. More than 100 CILAS anti-sniper systems have been delivered to its customers around the world.

Laser effector for C-UAVs - HELMA-P

- Extended range: one kilometer for neutralizing drones, more against optics
- Low logistics: no ammunition, zero firing cost and few energy needed
- Undetectability: invisible and silent beam
- Surgical precision: 100% hits on target and 100% of the beam on the target which ensure maximum safety of use (the risks of collateral damage are negligible)

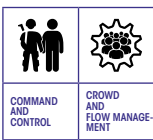
The targets may be mobile, aerial or terrestrial: aerial drones, robots, land vehicles, radars, explosive charges such as IEDs (Improvised Explosive Devices) or mines, etc.

HELMA-P has successfully shot down drones flying up to a distance of 1 km on land and at sea.



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CROSSCALL

Ruggedized and waterproof smartphones, tablets and accessories.

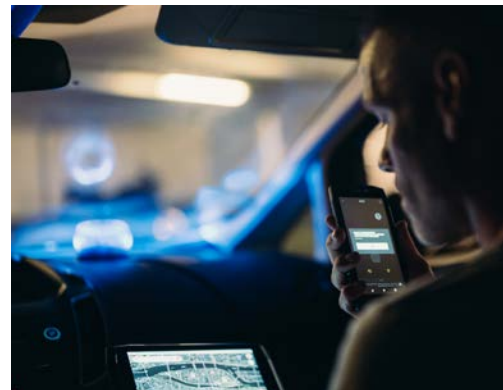
The French specialist in critical communication

Crosscall has distinguished itself from other telephony players by the unique relationships it has built up with its customers and the employees who use its high-performance, durable, MIL-STD-810-certified products. This proximity enables Crosscall to design solutions optimally adapted to the specific needs identified for each sector, even going so far as to offer fully customized solutions when required.

Crosscall, a specialist in mission-critical communications, is responding to the challenges of this fast-changing sector, which will soon be migrating to high-speed communications solutions. Its CORE-Z5 smartphone is the world's first 5G smartphone to support bandwidth 68, a secure frequency reserved for public safety in most European countries. The CORE-Z5 smartphone won the "Best MCX Product of the Year 2024" award.

At COP 27, held in Dubai at the end of 2023, Crosscall helped to ensure the smooth running of this international event, which brought together 196 countries to discuss the issue of climate change, and the safety of participants. The critical communication system put in place, based on Crosscall's reliable and durable terminals, facilitated the coordination of the units involved and the management of incidents during these important days.

A full-scale experience that will be put to good use by the French Ministry of the Interior during another major event, the Paris 2024 Olympic Games, where Crosscall terminals will accompany the police and gendarmes mobilized to guarantee festive and safe games for the public. This replacement device solution for conventional radios offers officers better network quality and communications continuity and is based on a smartphone and Crosscall's X-COMM remote microphone tailored to their operational needs.



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DATAHERTZ



Collaboration for Maximum Security.

Thanks to its various partnerships and in particular with Persistent Systems of which DataHertz has been the exclusive distributor for France since 2017. DataHertz works to improve interoperability between the different security stakeholders, drones, UGVs and USVs, etc... within mobile ad hoc network (MANET). With MPU5 Wave Relay® radios, interoperability is at your fingertip and the information immediately transmitted to a large range of C2.

This kind of solution has been used during the 2024 Olympic Games to secure the sailing competition in Marseille.

An MPU5 Wave Relay® radio system is built on 3x3 Multiple Input Multiple Output (MIMO) technology allowing extended range and increased throughput in complex urban, subterranean, and maritime environments – both line-of-sight (LOS) and non-line-of-sight (NLOS). As an example, an Air/Ground communication between vehicle and aircraft can be established up to 125 Miles.

Stream HD video:

The MPU5 Wave Relay® radio nodes enable you to encode and stream live audio and video by directly connecting HD and SD camera systems via analog, digital and IP video inputs at resolutions ranging from 320x240 to Full HD 1080p and 720p

Voice, data and video Network:

An MPU5 Wave Relay® MANET allows a group of mobile users to communicate continuously and efficiently without the need for fixed infrastructure. Every MPU5 (Wave Relay® radio node) communicates with each other, forming a true peer-to-peer network with no master node and a maximum bandwidth of 150Mbps.

Wave Relay® Display:

Specifically designed for use with autonomous platforms and information sharing through a C2, the Wave Relay® display provides a rugged display interface between operator and vehicle to control various UAV or UGV. Dual thumb-sticks provides control with pin-point accuracy, whilst physical configurable shortcut keys can be programmed to access the most frequently-used commands.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E	LOW ALTITUDE AIR TRAFFIC CONTROL	AIRBORNE SITE SURVEILLANCE	NAUTICAL AND RIVER

DCI GROUP

#Your capability building partner.

DCI Group is the operator of the Ministry for the Armed Forces for the transfer of know-how to France's Partner countries. French operator, European Union implementation actor and NATO Affiliated Body DCI Group offers its institutional and industrial partners tailored solutions for all capability development needs so they are able to meet regional and international security challenges.

DCI Group operates across Defence and National Security domains, offering tailored services of military education, operational training & simulation, provision and support of operational assets, Defence & Security expertise (audit, consulting & assistance).

DCI Group covers the whole spectrum of the French Armed Forces know-how - Army, Air Force & Space, Navy, Internal Security (Gendarmerie) and Defence Procurement (DGA) - while also taking into account triservice fields such as command & control (C2), intelligence, surveillance and reconnaissance (ISR), cyber defence, UAVs, counter-UAVs, special forces.... Internal Security trainings that can be arranged in France or in partner countries include: UAV operations, Counter-UAV operations (C-UAV), site protection, maritime security, counter-terrorism, VIP protection, sniping and counter sniping, military police, crowd control and restoring order, crisis management, forensic, guard of honor, Special Forces.

DCI Group also provides operational assets (ex: UAV and naval surveillance services), designs and/or operates your training centers, advises and assists your forces and procurement agencies (doctrines, CONOPS, program management and contract monitoring...). DCI Group's teams are mainly composed of high-level experts from the French Armed Forces.

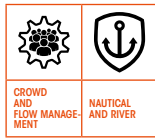
DCI Group operates from France, in its centers co-located with the French armed forces, or directly in the customer countries in Middle-East, Europe, Asia, and the rest of the world.



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DCI Group



DESCHAMPS

DESCHAMPS' Mobi-mat® range is dedicated to tactical mobility, ground reinforcement and deployable flooring.

Since 1860, DESCHAMPS develops and manufactures (in France) innovative solutions for very demanding applications. DESCHAMPS operates worldwide and is a reference supplier for leading armed forces such as French, US, German, etc. and also international organizations like NATO/NSPA or United Nations.

Ground improvement mats and temporary roadways Quick Access™ mat

Quick Access™ allows ground reinforcement in minimal time. Thanks to its light weight, it allows fast deployment with minimal resources (team of 4/6) to enable safe heavy-duty vehicle passage and equipment storage. Its particularly resistant design allows long-term use as roadway for military convoys or disaster response units. Depending on the intended use and mat characteristics, our Quick Access™ solutions can be deployed manually or using a dedicated mechanical dispenser.

Helicopter landing mat - Helipad™

With over 30 years experience, the DESCHAMPS TAHEL helipad offers a mobile landing platform thanks to its quick installation and removal, and is suitable for temporary or long-term missions. Its unique 3D structure makes the mats permeable to wind and liquids. It prevents puddles of water or oil, maintaining a non-slip zone. Wind permeability allows the rotor's blast effect to be safely evacuated through the platform, without the risk of blowing away the mats. Thanks to this design, dust is dispersed efficiently, preventing the brown-out effect and preventing any FODs to damage engines, rotary wings and windshield. Therefore, TAHEL™ Helipads improve flight safety, protecting both crew and helicopter at landing and take-off.

Amphibious landing mat - BAM™

Used by the most demanding expeditionary units, DESCHAMPS' amphibious landing roadways have built a reputation as top-notch disembarking mats. They are combat-proven on every major ship-to-shore operation, such as disaster response or nationals exfiltration. Logistics-over-the-shore units across the world use our landing mats on a daily basis to ensure efficient vehicle disembarking of any type (truck, tank, crane, etc.) on any type of soil (sand, gravel, mud, snow, etc.).



👤 Arthur DESCHAMPS | Director

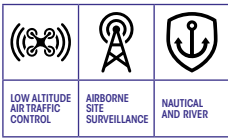
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EHP²

EHP² distinguishes itself as a leader in the engineering and manufacturing of advanced powertrains.

We are committed to provide tailored-made solutions, from design to certification, for a diverse B2B customers' base. Our product range includes batteries, combustion and electrics engines, and hybrid powertrains. EHP² is present in the aeronautic, defense, space, automotive and marine markets.

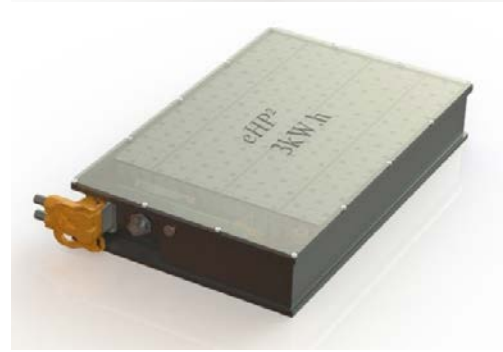
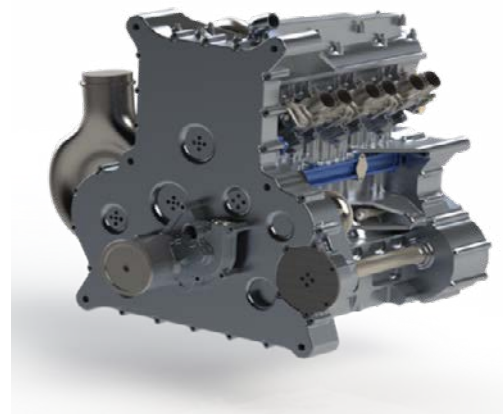
EHP² aim to become a global player in the design and manufacturing of carbon-free powertrain components, while guaranteeing independence and strategic sovereignty in the defense, aeronautic and space sectors.

Strategy and Commitment

EHP²'s strategy is based on the constant development of its technical and industrial skills to meet market requirements in terms of innovation and technological advances. Currently, we are focusing our efforts on three main product lines: batteries, electric motors and decarbonized internal combustion engines, with a clear vision to industrialize them on a large scale.

Innovation and National Sovereignty

EHP² is committed to support national sovereignty by developing cutting-edge technologies on French soil. As a company focused on differentiation through technology, we are developing a limited number of key technological assets to strengthen our competitiveness and industrial efficiency. Since its creation, EHP² has surrounded itself with world-renowned French engine experts. By investing in research and development, we not only guarantee the excellence of our products, but also our strategic independence in a constantly changing global environment.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	CYBER CRIMINALITY	LOW ALTITUDE AIR TRAFFIC CONTROL	AIRBORNE SITE SURVEILLANCE	NAUTICAL AND RIVER

ELECDAN

Secure remote control of computers and display management on video walls

Founded in 1992, Elecdan is a key leader in the study and integration of multi-screen operator consoles and video walls dedicated to control rooms and centralized command posts (PCC).

Our solutions aim to improve ergonomics, collaboration and coordination within units by allowing remote control of specialized machines and video sources, thus facilitating operations and decision-making.

By creating a « *personal video wall* » concept, operators can consolidate information sources across multiple screens, thereby optimizing their efficiency. Our solutions enable security analysts to efficiently monitor large amounts of data to identify potential issues without worrying about technical aspects.

Solutions adapted to every need

Thanks to their ease of installation and modularity, our solutions are designed to adapt and grow with your architecture.

Benefits:

- Away from noisy business machines
- Grouping of sensitive machines in secure enclosures with restricted access
- Remote control of physical or virtual machines
- Separation of video information flows between classified and unclassified machines
- Products with EAL4+, NIAP, TEMPEST safety standards and criteria
- Limitation of access to keyboard/mouse/video streams only to prevent any risk of data theft via USB device

Solutions:

- Remote access products for your machines on a dedicated copper or optical link
- Network separation
- User access control
- Scalable video wall management
- Support for high 4K video resolutions and 5K curved displays

Services:

- Site study
- Proof of Concept POC
- Custom design
- Integration
- Training
- Maintenance



Christophe VARNIER | Directeur des Opérations

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Our job: to contribute to protect you

The French defense industry and security works for you daily



GICAT
The French land defence and security
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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	ARTIFICIAL INTELLIGENCE AND SOFTWARE	AIRBORNE SITE SURVEILLANCE

ELISTAIR

ELISTAIR's products are used by armed forces, civil security services and a number of private companies, in more than 70 countries.

Created in 2014 and based in Lyon (France), and Wilmington (USA), Elistair designs and manufactures smart and automated tethered drone systems for perimeter protection, border surveillance and large event security. Thanks to its micro-tether technology, Elistair has solved the problem of drone battery life.

When connected to a generator or the electric grid, the micro-tether powers the drone continuously, allowing it to function for day into night operations without interruption. It also secures data exchanges between the drone and its operator, which is effective against hacking and other interference.

Orion 2.2 TE - Tactical Tethered Drone Designed for ISR and Telecommunications

The ORION 2.2 TE is a by-design tethered drone system built to endure extended flight time with its persistent focused safety architecture and automated flight profiles. It can operate at 90 m above ground for 50 hours with its day/night stabilized cameras, or communications relay.

By simply switching its arms to an Heavylift configuration, the Orion 2.2 TE can carry payloads of up to 5kg at an altitude of 50m. At the same time, its payload development kit can carry tactical relays, 4G cells or other specialized payloads.


The Orion 2.2 TE meets the needs of aerial surveillance and persistent telecommunications for the protection of large events and sensitive sites. Its micro-tether supplies it with continuous power and guarantees secure high-speed data transfer.

With its weather resistant rating, ORION 2 includes multiple redundancies and emergency procedures allowing the operator to focus on his mission and the data received, while significantly reducing the risk of human error.

By using Elistair's touch button software, operators can easily deploy the Orion, and deliver effect within minutes of arriving on the scene.



 Damien BAJARD | Responsable Commercial

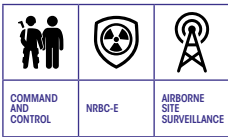
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EXAIL

Advanced robotics for operations safety.

Exail is a leading high-tech industrial company specializing in defense robotics, delivering unrivaled performance, reliability and safety to its clients operating in severe environments. At Exail, we empower civil and military forces worldwide to conduct their operations with maximum efficiency and security through our advanced solutions, specially designed to make a disruptive impact on both land and air battlefields.

Leveraging 80 years of expertise, Exail develops an extensive range of high-performing robotics solutions for land and air operations, ensuring safety by keeping troops away from the danger zones.

From UGV and UAV platforms to full Mission Systems

Exail's land defense area offers the most advanced combat-proven robotics solutions from Teleoperation Systems for large vehicles (for example for CEFA's Zone Demining System), Unmanned Ground Vehicles, Unmanned Aerial Systems and Mission Systems.

Exail's Unmanned Ground Vehicles (Iguana, Cameleon, Cobra) are designed to operate in extremely severe environments for EOD, Intelligence and CBRN missions.

Exail's Unmanned Aerial Systems (IT180-60 & Cargo15) are crafted for intelligence, target acquisition, recognition missions or last-mile logistics and can carry up to 15 kg payload. Our UAVs provide unrivaled robustness and superior tracking capabilities in very harsh weather conditions, trusted and used by military forces worldwide.

Exail also provides a full Mission System capable of controlling and coordinating multiple UGVs and UAVs from a single command & control system from a remote protected area. Our Mission System is fully customized to meet the unique mission requirements of any land or air vehicle and will streamline operations, guaranteeing a consistent sharing of information between all platforms in action.



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EXAVISION

EXAVISION *See sooner – Decide better*

Exavision, French recognized SME and EQUANS subsidiary, designs and produces EO/IR optronic solutions (EOS) for critical missions in complex operational contexts.

EXAVISION is dedicated to serve its customers by developing innovating optronic and software solutions to ensure Detection, Recognition and Identification tasks in harsh environmental conditions.

We target to become an international leader to supply optronic and software solutions for Defense and Critical Infrastructure Protection (CIP) markets.

Our value position is based on 3 axis:

— **Optronics expertise**

We develop and manufacture innovating products and associated software

— **Ease of use**

We develop innovating solutions to ease optronic solutions adoption

— **Services**

We propose an adapted range of services to support our customers from pre-sales to after sales (training, maintenance, on-site technical assistance and hotline).



⊗ Brice KERRINCKX
Head of Sales France - South Europe & Africa

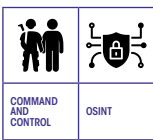
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EXCENSE

A quickly operational software to assist you in making fast decisions in critical moments.

EXCENSE is the publisher of Compositeur Digital, a digital application that transforms a touchscreen into an operational and decision-making solution. Already deployed within internal security and defence forces, this solution is used as a decision support and crisis management tool, for after-action reviews, operation synthesis, as well as for institutional presentations and project or operations management.

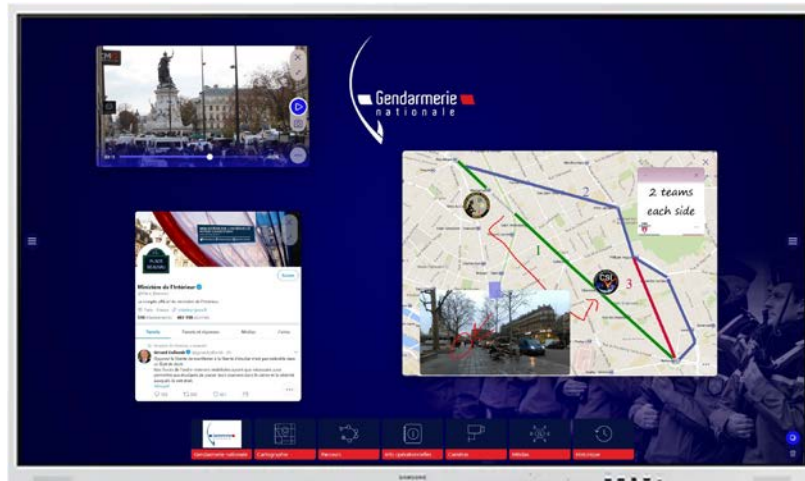
The Compositeur Digital software is authorised for use on the secure networks of the French Ministry of Defence and Ministry of the Interior. This solution enables flowing and impactful presentations, addressing either a holistic or detailed view, but also capturing and sharing key information.

Turn a touchscreen into a dataroom

- Speed up decision-making: our solution allows immersive visualisation of all relevant documents and media. Gather data from various sources and facilitate the decision-making process by creating real-time scenarios. The intuitive interface promotes collaboration and convergence of perspectives.
- Improve operational efficiency: simplify meeting preparations by easily sharing relevant documents and resources. During sessions, quickly access crucial information and generate visual reports.





Enhance collaborative practices of the headquarters in command rooms

- Foster collective intelligence: create a dynamic environment conducive to collaboration within command rooms. From planning to briefing to situation updates, our solution encourages creativity, dialogue, and synthesis of ideas.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E	LOW ALTITUDE AIR TRAFFIC CONTROL



ALS125



RSM80

FACTEM

FACTEM, leader in acoustic equipment.

FACTEM is specialized in the design, development, and manufacturing of electroacoustic equipment. Operating across various industrial sectors, it dedicates its products to professionals in aeronautic and defense. Relying on new technologies, FACTEM invests annually in its Research and Development department to meet the new challenges of security actors.

Custom solutions for the military industry

Thanks to its continuous investment in its R&D department, FACTEM has the expertise and testing facilities that allow it to meet the high demands of the military sector. These facilities include EMC, anechoic, and reverberant chambers and a HATS. FACTEM is thus able to develop innovative products according to internal specifications as well as customer requests. FACTEM's expertise also allows for the customization of its products to meet client specific needs by personalizing their technical characteristics.

Stay connected with the RSM80

The FACTEM remote speaker microphone ensures clear and reliable audio transmission in critical situations. With various connectivity and optimized ergonomics, it is an essential tool for strategic communications. Designed in two versions, the product adapts to the requirements of each environment. The RSM80W, equipped with an integrated battery, is dedicated to use with the new terminals of interior security forces. The RSM80A is designed to interface with the tactical radios of the armed forces. This new product range allows FACTEM to meet national security challenges, with an initial delivery equipping the Sentinelle forces as part of the Vigipirate plan.



FACTEM

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GIE DEFENSE NBC

Protecting together.
The excellence of the French CBRN defense and protection industry.

For more than 30 years, the GIE Defence NBC brings together innovative PME's, subsidiaries of large groups and research laboratories from the French NRBC Defence industrial base that contribute to the excellence of operational responses in an area of national sovereignty.

Moreover, the evolution of the threat (the military aggression, the terrorism or the industrial accident), the evolution of the nature of the aggression (Nuclear, Radiological, Biological or Chemical) and the respect of the environment are a permanent concern of the group with associates over time new skills to offer adapted solutions.

Partners of the major French military and civilian state services, the members of the GIE offer a full range of equipment and services for protection of defence and security forces, populations and territories.

DETECTION - IDENTIFICATION - SURVEILLANCE
INDIVIDUAL PROTECTION - COLLECTIVE PROTECTION
DECONTAMINATION - MEDICAL COUNTER MEASURES
DISMANTLING - SYSTEMS

The following companies are members of the consortium:

CEGELEC DEFENSE - CEA - EMITECH/ADETEST - HOWA/TRAMICO
JACOBI GROUP - KNDS CBRN - MIRION TECHNOLOGIES - NUVIA
PAUL BOYE TECHNOLOGIES - PROENGIN - SERB PHARMACEUTICALS
SP DEFENSE - UTILIS - THALES



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HGH

The infrared reference for over 40 years.

Established in 1982, HGH has emerged as a leading provider of electro-optics systems for various sectors including industrial, civil, defense, and security applications. Over four decades, the company has earned global acclaim for its innovative advancements in infrared technology, manifested through the development of advanced sensors.

360° day & night surveillance with a compact thermal sensor

During public events, a large number of attendees gather in the same place in a particular period of time. With the growing risk of terrorist attacks, nowadays very real all over the world, security-related equipment and technologies are omnipresent during music concerts, sporting events, fairs, festivals, and other entertainment events. Security systems should be compact enough to be moved easily and installed just before the event takes place, and uninstalled at the end. Not only should they be compact, but they should also be mobile, to avoid the installation cost of fixed security systems.



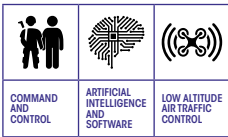
Sensitive sites like nuclear plants, embassies, national monuments and governmental buildings have also made perimeter security a priority due to terrorist threats. SPYNEL's panoramic thermal imaging technology provides continuous 360-degree surveillance, enabling real-time detection of potential threats and enhancing perimeter security for sensitive sites and public events.

With 360° protection and outdoor perimeter intrusion detection, the SPYNEL solution provides exceptional day and night continuous security. This compact, high-resolution thermal camera acts as an infrared radar, capturing 24/7 full panoramic infrared images every second. Hardly detectable threats such as UAVs, RIBs and swimmers are tracked and identified in real-time thanks to a powerful software, CYCLOPE, and a new Artificial Intelligence.



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INEO DEFENSE

Ineo Defense is a leader in the creation and integration of solutions for Electronic Warfare systems, secure infrastructures, and specialised telecommunication networks for the armed forces.

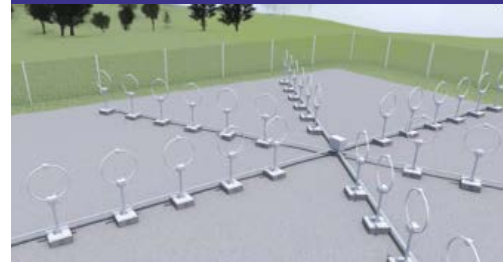
The company is committed to its products and services throughout the total life cycle, from the research stage to operational maintenance in complex environments. An expert in innovation and production of command, surveillance and intelligence systems, Ineo Defense is based in four strategic domains:

- Contributing to national sovereignty and defence of vital interests
- Possessing informational superiority for decisions and actions
- Guaranteeing the success of operational missions in harsh environments
- Ensuring the support of equipment and materiel of the armed Forces

Faced with the resurgence of the threats of terrorism, hacking, espionage or sabotage, the security of your sites, your personnel and its equipment are of crucial importance.

Thus, the protection of your sensitive sites and their environments require state-of-the-art systems, reliable and easy to implement in the field. The rules relative to the security of activities of vital importance (SAIV) are rigorous and often require the expertise of a specialised security company.

Leaning on its technological expertise and operational experience in the service of national security, Ineo Defense offers a complete range of designed or integrated solutions and diverse services from Design of an Access Control, Intrusion Detection and Video Surveillance (CADIVS) solution (Audit, costing, studies, design and modeling), Implementation (engineering, implementation, verification), up to guaranteeing no security gaps Operational Condition Maintenance & Security Condition Maintenance, training (e-learning), Hotline / technical support, Service contracts and Telemaintenance).



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CROWD AND FLOW MANAGEMENT	ARTIFICIAL INTELLIGENCE AND SOFTWARE	CYBER CRIMINALITY	LOW ALTITUDE AIR TRAFFIC CONTROL	AIRBORNE SITE SURVEILLANCE	NAUTICAL AND RIVER



JOHN COCKERILL DEFENSE SÉCURITÉ

JOHN COCKERILL DEFENSE SECURITY is an innovative player in the industrial security sector in its approach and its vision of the security, safety and sovereignty issues of today and tomorrow.

We made the choice of exclusive technological partnerships by combining our capabilities as an integrator and project manager. We offer the deployment, operation and maintenance of proven solutions in demanding environments.

On land, at sea and in the air, the vectors used to reach us are increasingly sophisticated and fast.

Stereoscopic Intelligent Detection

An unique intelligent stereoscopic detection system that combines 3D vision, thermal sensors and advanced algorithms to detect any suspicious behavior, while segmenting the type of threat.

Electro-optical/infrared observation systems for surveillance and investigation activities (land, sea, air)

- Sensitive optical and thermal cameras with different focal lengths adapted to specific uses
- Automatic target tracking
- Panoramic scanning
- Automatic detection
- Continuous monitoring
- Advanced image processing
- Possible integration with other systems
- Modular: additional features available as an option (distance measurement and designation...)
- Multi-platform solutions: Land, Vehicle, Sea, Air

Counter drone solutions

Automatic detection and interception system for commercial drones.

Biometric Access Management

An access management solution based on authentication or identification by facial recognition.

- Enrolment from existing photos
- Can be integrated with major access control systems
- Identification / Authentication according to the required configuration
- Hands-free and non-invasive
- Multi-site access management possible
- Real-time tracking for personal security people
- Streamlines access control
- Reduces control time at peak hours
- Resistant to fraud
- 99.97% accuracy rate
- Secure local database
- Integrated container for access control

A turnkey solution available in a configuration adapted to construction sites and temporary sites.

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KNDS CBRN

KNDS CBRN - To protect is our mission.


KNDS CBRN (formerly NBC-Sys), subsidiary of KNDS, is a leading provider of CBRN detection, protection and decontamination solutions, essential for securing large events and sensitive sites. For more than 70 years, we support our Military & Civil Customers all around the World and more specifically in Europe, Asia and the Middle East.

In order to meet our clients' expectations, we set up a proactive approach focused on the future. Our commitment to Research & Development enable us to propose cutting-edge equipment and systems:




- Chemical individual detectors & biological field detection kit,
- NBC Filtration & Air Conditioning systems for vehicles, hard-shelters & tents,
- Individual protection equipment, including gas masks, CBRN filters, & evacuation hood,
- Decontamination solutions for vehicles, aircrafts, infrastructures, sensitive materials, and personals.

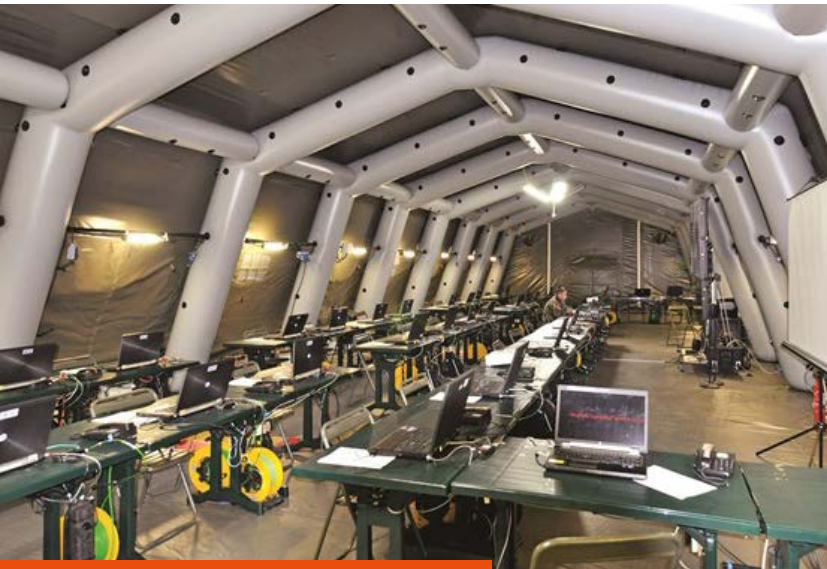
KNDS CBRN continuously maintains internal capacity for design, development, production, testing, and support. As a trusted partner, we provide support to our clients throughout their programs, guaranteeing the highest level of performance and security at a lower cost.



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KNDS

		
COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E



LOSBERGER DE BOER RDS

When every second counts.

In a context of multiple threats: terrorism, health crises... Securing major events and sensitive sites has become a priority. To address this, rapid response capability is essential. Thanks to our extensive range of modular products and cutting-edge technology, security forces can rapidly deploy a crisis management command post and CBRN decontamination solutions.

Flexibility and Adaptability

Whether you're securing an outdoor event, a critical industrial facility, or a crisis zone, our solutions can be adapted to meet your requirements.

Robustness and Reliability

Our solutions ensure optimal operation even in the most extreme conditions. Built to withstand the pressures and constraints of emergency situations, they ensure reliable protection and consistent performance in all circumstances.

Rapid Deployment

Our emergency command post and crisis management solutions can be operational in just few minutes. As for our mass decontamination solutions, they are operational in only 20 minutes.

Our teams work closely with each client to understand their specific needs and provide tailor-made solutions.





MBDA

SKY WARDEN

- Sky Warden is a modular system, designed to integrate and control a large range of sensors and effectors, which can combat unmanned aerial threats, with the ability to neutralise any form of threat such as tactical drones alongside other traditional aerial threats.

VL MICA NG

- The VL MICA NG GBAD system benefits from the latest generations of the VL MICA missile, tactical operation centre and radar, all fitted with the latest technology.
- This provides an unsurpassed medium range ground-based air defence capability with the highest level of mobility and deployment flexibility.
- The system is designed for the permanent protection of major sites (industrial, military or civilian) as well as high value assets. According to the case, it operates in full autonomy as well as integrated in a global air defence network.





ASTER SAMP/T NG

- Aster SAMP/T NG will replace the SAMP/T in the Italian and French armed forces, providing improved performance in range and altitude and greater ATBM capabilities with a new missile and a new multi-function radar.
- Aster SAMP/T NG is a highly mobile, vertically launched anti-missile and anti-aircraft weapon providing theatre protection of sensitive sites and deployed forces.
- Highly automated and featuring extremely rapid response times, the system can operate in standalone mode or be integrated within a coordinated network.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	ARTIFICIAL INTELLIGENCE AND SOFTWARE	AIRBORNE SITE SURVEILLANCE

METRAVIB DEFENCE



METRAVIB DEFENCE: Acoustic threats detection since 1995.

Metravib Defence, created in 2019, is a subsidiary of ACOEM Group. Over 30 years in the service of world-wide security for the protection of people, sites and vehicles, Metravib Defence has developed high-performance threat surveillance, detection and localization solutions for the defence and civil protection sectors. Our Combat Proven solutions are in more than 45 countries and are both certified ISO 9001 and ISO 14001.



We rely on the expertise of our teams to offer our customers innovative, reliable, high-interoperability and value-added products that meet their critical infrastructure protection needs.

Our solutions for protection sites

Our solutions consist of temporarily or permanently deploying acoustic antennas around the infrastructure to be protected. These antennas can easily be integrated into the infrastructure and in particular into its power and communication network.

Our solutions can work either:

- **Independently** by reporting during the alert of threats detection the essential information for locating and identifying these threats;
- Either **interfaced** with other monitoring equipment or other sensors allowing optimized coverage and performance by video analysis and data fusion.

Easy to use and to deploy, our solutions mainly respond to threat alert and analysis and decision-making issues in order to better understand the alert situation and trigger appropriate measures.

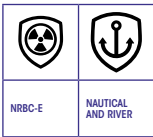
It is the ideal product configuration to ensure optimum operational success in critical infrastructures protection such as:

- Military FOBs
- Embassies
- Oil plants
- VIP gatherings (sportive, political, etc.)
- Urban violence



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MUSTHANE

Musthane designs and manufactures innovative and reliable solutions based on flexible composites materials or polymers in order to anticipate threats or face critical situations on sensitive sites.

— CBRN Containment bags

Containment bags designed and produced by Musthane in France are particularly robust and show very high abrasion resistance. Our bags are used to store equipment or bodies contaminated by a CBRN threat. Specially designed for specific out-of-area operations, this solution is highly recommended for a constraining environment where bags could be damaged.

— Maritime Floating Security Barriers


Maritime Security barriers manufactured by Musthane are designed to protect and isolate a nautical or fluvial perimeter from intrusion of boats or submarine drones, for example. Our maritime barriers can also be offered with stop-diver nets and options of authority alert in case of intrusion.

Thanks to its Engineering Department, Musthane can meet your specific requests. Our skills in formulation enable us to produce prototypes or small series in the CBRN-E field.



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Musthane

		
COMMAND AND CONTROL	LOW ALTITUDE AIR TRAFFIC CONTROL	NAUTICAL AND RIVER

NUANCES TECHNOLOGIES

Wireless communications control.

A wireless communications security expert since 1991, Nuances Technologies designs, manufactures and integrates advanced solutions dedicated to the protection of sensitive sites and major events. These tactical systems are intended to control, simulate, detect, intercept, jam, block, locate or secure any type of wireless communication.

Monitor, Detect, Neutralize

The systems designed by Nuances Technologies offer permanent electromagnetic protection against many threats: radio-controlled explosive devices, illegal communications, drones, robots, etc. Depending on the choice of the user, systems can monitor, detect and neutralize (or not) the threat. This equipment offers a wide range of functions: monitoring the radio activity on a site, blocking communications, guaranteeing the confidentiality of exchanges, protecting sites and individuals against remote-controlled explosive devices...

Solutions adapted to every need

Discreet and easy to use, the systems developed by Nuances Technologies can be part of a permanent installation for ongoing security or can be used on the move by response units.

Modular and evolutive, they can be adapted to any type of mission.

Capabilities

- Monitoring the radio spectrum
- Detecting wireless communications
- Identifying and locating the transmitters
- Blocking, jamming or filtering communications
- Real-time data recording and analyzing

Solutions

- Real-time RF sensors for detection and localization
- Anti-drone solutions with safe landing
- Communications jammers
- RCIED jammers
- Communications filtering solutions
- Access control and WiFi monitoring
- Mobile private communication networks

Services

- Site survey — Simulation — Customized design — Integration
- Efficiency measures — Training — Maintenance



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OUVRY

Lyon-based industrial SME created in 2003 by Ludovic Ouvry, the eponym company is specialized in the design, engineering, production and maintenance of CBRN Personal Protective Equipment (personal body and respiratory protection) and decontamination systems.

Ouvry's ambition is to be a global CBRN system key player thus effectively and completely protecting (from head to toe including protective masks, filter canisters, hydration systems) private and public security teams especially for sensitive sites.

Ouvry designs and manufactures its products with a local and European supply chain: more than 200,000 coveralls manufactured for more than 800 customers in more than 55 countries. The company presents the entire industrial architecture of a textile company located on the same site, with an international team. By having established its headquarters and key functions as close as possible to some of its workshops in Lyon, Ouvry affirms its attachment to the industrial values of innovation, quality, technicality and professionalism.

Ouvry provides innovative products designed and developed to fulfill especially the needs of the police and private security teams for public transport or sensitive sites.

Ouvry developed 12 hours filtering CBRN coverall POLYCOMBI[®], and to complete the protection, man can use the butyl thin gloves OG05[®] and light overboots OBOOTS[®] and proposes masks like the OPC50[®] and filter canisters.

On the occasion of the international Eurosatory exhibition, Ouvry is releasing new very large spectrum filter canister which replace 3 specific canisters. Lightweight and storable for 20 years, the CFO[®] CBR was developed in partnership with users to best meet their operational needs.

In France, EDF FARN (Nuclear Rapid Action Force of the nuclear power plants), PSPG (Police specialized protection teams of the nuclear power plants) and a lot of private safety companies trust in Ouvry.



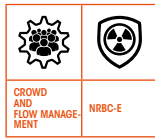
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OUVRY
Systèmes de protection NRBC



PROENGIN

PROENGIN's solutions for securing major events and sensitive locations: enhanced safety measures.

In today's world, safeguarding sensitive sites and major events is paramount. Threats like chemical, biological, radiological, and nuclear (CBRN) attacks extend beyond wartime scenarios, posing severe risks to public safety, especially during large gatherings such as during Olympic Game or Rugby World Cup.

To address these threats, Proengin offers solutions capable of detecting chemical and biological threats. Proengin's cutting-edge solutions offer a crucial defense, capable of detecting threats with high sensitivity and without reliance on a library. Proengin's comprehensive solutions are designed to ensure safety across various scenarios, from initial screening at entry points, reconnaissance missions, pre-arrival checks in public spaces and VIP areas in case of an unattended baggage event, to ongoing site protection with a wireless network of interconnected devices using the Simtoolkit system or fixed chemical & biological detection systems. Proengin's solutions enable the creation of security bubbles and the establishment of security perimeters, thanks to their real-time monitoring capabilities.

In the event of an alert, Proengin's detection solutions play a critical role in confirming the threat source, establishing safety perimeters, managing evacuations from risk zones, controlling stadium exits, or hospital admissions. Moreover, at the conclusion of crisis management, Proengin technology is vital to verifying the effectiveness of decontamination procedures.

Proengin's technology offers a comprehensive approach to managing threats, ensuring the safety and security of individuals and sites under various circumstances. Contact Proengin to discuss how we can work together to protect communal spaces and events from the evolving CBRN challenges of the 21st century.

Proengin

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RFENCE

RFENCE: threat detection solutions in critical environments.

RFence, a French company specialized in the design of security software solutions, distinguishes itself through its expertise in radio frequency spectrum monitoring and analysis. Threats originating from this environment are constantly evolving, whether they are related to physical intrusions, drones, jamming, cyberattacks, or data theft. Critical sites require intuitive and effective solutions to defend themselves.

An intuitive software solution for radio frequency environment analysis

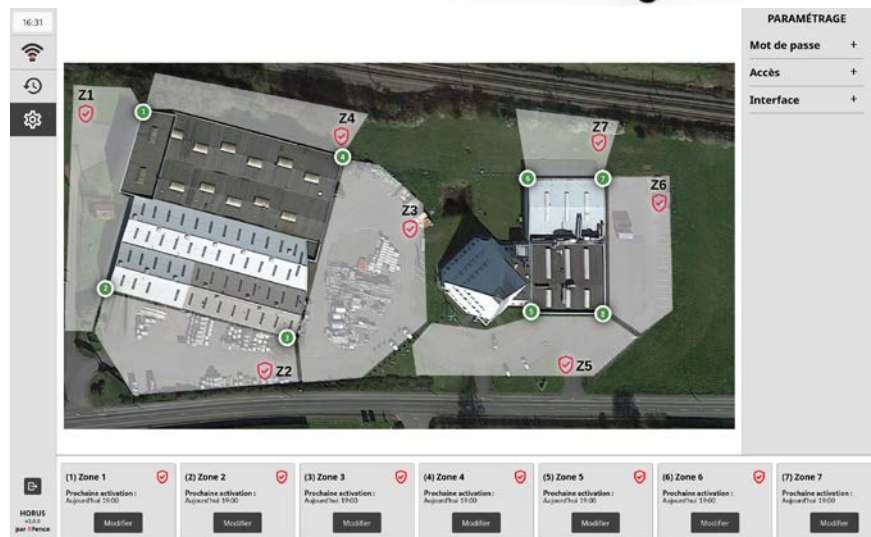
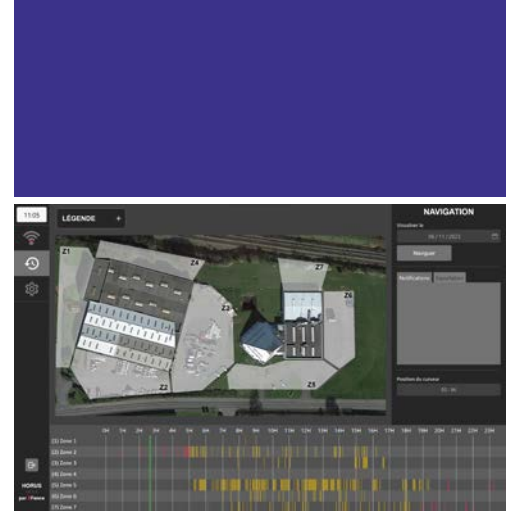
Our security solutions rely on cutting-edge algorithms to efficiently monitor all bands of the radiofrequency spectrum comprehensively. RFence delivers reliable results through an intuitive interface, enabling non-specialized users to monitor local radiofrequency activity continuously. This allows them to benefit from threat detection, including localization, enumeration, and characterization.

Our goal is to make this environment accessible and understandable to all, ensuring control and sovereignty in the most critical environments.

Customized to your needs

RFence offers security software to help you detect, locate, and analyze all devices emitting radio frequency waves. 2G, 3G, 4G, 5G, Wi-Fi, Bluetooth, PMR, or specific technologies — our solutions have the ability to work across the entire spectrum and adapt to your needs and operational constraints.

Detecting, locating, and analyzing all emissions are critical, whether for presence detection, data leakage detection, or attacks on your various tools.



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LOW ALTITUDE
AIR TRAFFIC
CONTROL

SAFRAN ELECTRONICS & DEFENSE

Keep the sky under control

Safran holds world or European leadership positions in optronics, avionics, electronics and critical software. Safran is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems used in air, land and naval applications. It is also the world leader in helicopter flight controls and the European leader in optronics and tactical UAV systems.

Skyjacker is a Counter-UAS solution suitable against any type of unmanned system. It can contribute to the protection of critical infrastructure and special events.

Efficient beyond 10 km range, Skyjacker denies GNSS-based position of threatening unmanned systems, including in case of swarm and mass attacks. It can be integrated on fixed or mobile platforms thanks to fine coupling with Safran Resilient PNT systems.



👤 Gilles PERRONE | Public Affairs Director

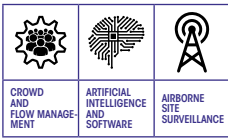
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SECURITAS FRANCE

We help make your world a safer place.

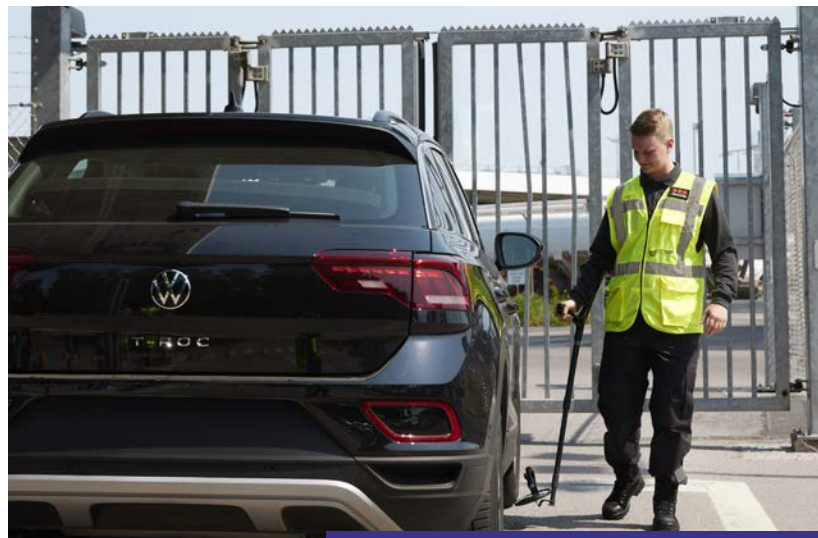
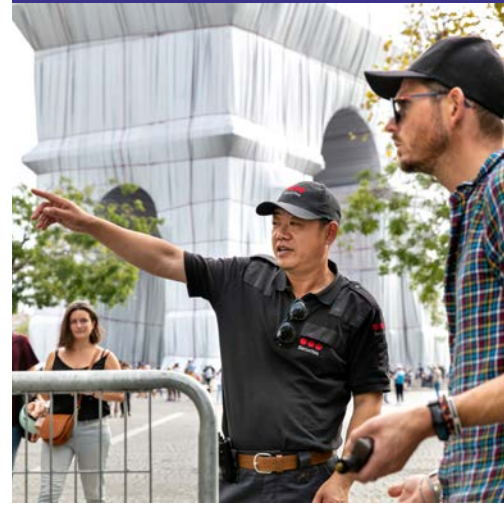
Securitas is a world-leading safety and security solutions partner. By leveraging technology in partnership with our clients, we offer a broad portfolio of value-enhancing services and solutions integrated across the security value chain - from on-site services to advanced monitoring, comprehensive risk prediction and advisory services. With around 341 000 employees in 44 markets, our innovative, holistic approach with local and global expertise makes us a trusted business partner to many of the world's best-known companies. Benefitting from almost nine decades of deep experience and guided by our values of integrity, vigilance, and helpfulness, we create sustainable value by helping our clients optimize their operations and protect what matters most - their people and assets.

Security and safety of sensitive sites

By enhancing human-technology interfaces, Securitas leverages its expertise for sensitive sites to prevent and act against threats of all kinds and increase security in depth. From implementing perimeter intrusion detection systems such as infrared barriers, combined with physical and video patrols or video surveillance with 360° panoramic scanning smart cameras, thermal cameras, or laser readers. The goal is to perform, seven days a week, day and night, real-time observation or physical and video verifications, to improve and ensure the efficiency of the system.

Event security

From preliminary recommendations to securing the event, Securitas offers comprehensive and tailored solutions (advice and audit) to protect organizers from acts of malice and accidental events: securing access, queues, and flows, pat-downs, managing crowd and panic movements, ERP missions, close protection of VIPs, etc. In any situation, we deploy human and material resources suited for optimal security of your events: security gates, portable video systems, geolocation tools...



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CROWD
AND
FLOW MANAGE-
MENT

SEMPER INVICTA

SEMPER INVICTA is a security company specialising in the development and distribution of discreet anti-knife and bulletproof protective equipment.

Founded in 2021 by Charles Yvon, President of La Manufacture de Parapluies de Cherbourg, Semper Invicta distributes the ParaPactum, an umbrella designed for close protection.

This product has been used by the GSPR since 2010 to protect the Presidents of the French Republic from paparazzis, attacks by liquids, blunt objects, knives, etc. On the strength of this experience, Semper invicta is innovating and now offers 3 distinct ranges of equipment as discreet as the ParaPactum.

Quality and recognition

After 3 years of R&D, Semper Invicta made its commercial launch in November 2023 at Milipol Paris. The company won the Milipol Innovation Award for its slash resistant range, co-developed with Saint James. Certified to ISO 13997, this range is around twice as resistant as the competition (40 to 56 newtons instead of just 25 to 30 newtons) and benefits from a patent on its double-sided innovative knitting.

In a society with growing insecurity, Semper Invicta aims to be an innovative player in bulletproof and knife-resistant personal protection. Its motto is discretion, lightness, resistance and Made in France.

In 2023, Semper Invicta continued to build on its expertise in innovation, becoming the company to market the world's first ballistic umbrella: the Bulletproof ParaPactum (NIJ 2A).

Target

The young company is targeting anyone whose job puts them at risk of attack. It offers an alternative to tactical vests, which are too heavy and lack discretion, thanks to its slash resistant sweaters, stab-resistant backpacks (HOSDB KR1) and bulletproof down vests (NIJ 3A + Stab resistant).

All their products are made in France, co-developed with companies renowned for their expertise.



SEMPER INVICTA
ANTI-AGGRESSION EQUIPMENT

👤 Alexis ANFRAY | Business Manager

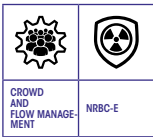
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SHARK ROBOTICS

SHARK ROBOTICS specializes in security and defense robotics.

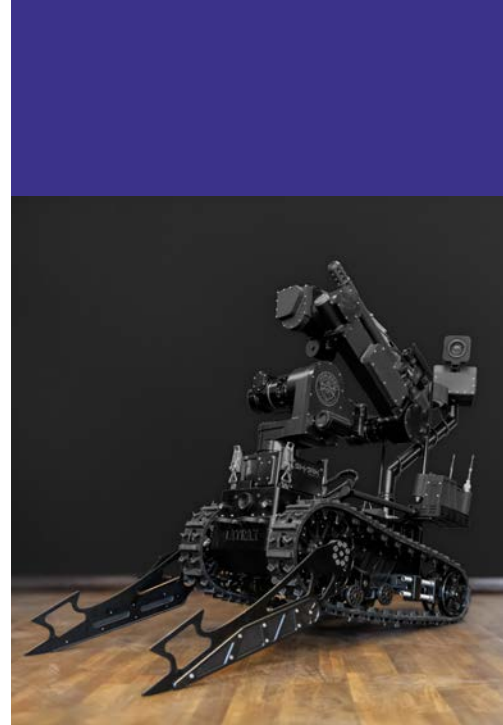
Shark Robotics specializes in security and intervention robotics. The company develops robots for challenging environments, intended for firefighting, demining, reconnaissance and sites security. Shark Robotics stands out for its ability to combine cutting-edge technology, robustness, and performance, thus improving the safety and efficiency of field operations. It is recognized for its expertise in designing innovative robotic solutions, meeting the challenges of intervention and security missions.

EOD & C-IED Robots

Shark Robotics leads the security and Explosive Ordnance Disposal (EOD) robotics field since 2017. Our journey began with ATRAX EOD, developed in collaboration with French Special Forces and Army, meeting specialized mission standards. ATRAX EOD excels in C-IED operations, inspections, CBRN detection, and equipment transport.




Precision in security

In the high-stakes world of security and law enforcement, precision, speed, and reliability are non-negotiable. Shark Spike, an advanced spike strip engineered to incapacitate vehicles traveling up to 110 km/h, stands as the ultimate companion for police forces, establishing a rapid, efficient security system.



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E

SOFRAME

SOFRAME: Trust, Innovation and Agility for customer satisfaction.

Our skilled teams and state-of-the-art industrial capabilities are committed to customer satisfaction all along product life-cycle:

- efficient, modular and innovative solutions designed to meet customer needs,
- huge and flexible production capabilities to comply with time deliveries,
- dedicated means to ensure performant in-service support on the long term.

Our armored vehicles are more than just protective assets. They are versatile platforms that can be equipped to meet the various needs of modern security forces when facing the challenges of securing mass events or protecting sensitive assets.

Protecting sensitive assets is one of the missions of VIPG – Centaure, the multipurpose armored vehicle, specifically designed by Soframe that recently entered into force within French Gendarmerie.

With its impressive silhouette, this vehicle is very dissuasive.


Incorporating cutting-edge surveillance equipment (high-resolution day & night cameras, gunshot detection system), it represents a valuable asset for gathering real-time intelligence and maintaining situational awareness.

Equipped with advanced communication systems and ergonomic interiors, it is particularly adapted to serve as protected mobile command post, ensuring safe and efficient command and control, enabling swift decision-making and response coordination.

These systems share the same engineering process. We work closely with our customers to understand their unique requirements and develop customized internal security vehicles that provide effective protection without compromising on flexibility or usability, empowering them to focus on what matters most: the success and safety of their operations.



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SPIE BATIGNOLLES TECHNOLOGIES

Spie batignolles technologies, the special works subsidiary of the Spie batignolles group, is an expert in nuclear civil engineering maintenance and sensitive site security. It operates on sites in operation and in industrial environments requiring specific authorizations from major clients operating in high-risk environments: chemical, radiological.

Since 2016, Spie batignolles technologies has been developing recognized expertise in the design and implementation of passive security against malicious acts: anti-vehicle ram systems, site reinforcement or security buildings on all French nuclear facilities and military sites.

Civil engineering and special nuclear works maintenance

Our expertise: from inspection to repair, modification, reinforcement and protection of concrete structures.

Spie batignolles technologies is certified and qualified to work on Basic Nuclear Installations (INB) in a radiological environment:

- Inspection of structures (concrete pathology)
- Concrete structures
- Structural reinforcement of earthquake / tornado / flood structures
- Creating hoppers and coring
- Firestop caulking
- Installation of flood protection

Securing sensitive sites


Spie batignolles technologies is recognized for its passive protection against malicious acts.

Our partners specialize in electrical safety installations, public works, roads and other networks, so we can manage projects from design to completion.

- Consulting-Site audits
- Prototyping, digital mock-ups
- Equipment design
- Passive security systems: reinforced fences and gates, certified armored doors, reinforced access doors, anti-ram barriers)
- Integration active security (detection systems, CCTV, alarms, etc.) through our partners



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spie batignolles

/ technologies



SYSNAV



Indoor / Outdoor localization for sensitive sites and events.

SYSNAV specializes in high precision positioning in GPS-denied environments such as indoors, with little to no beacon infrastructure. Reliably locating members of security, safety or law enforcement teams, SYSNAV delivers trustworthy data for critical decisions.

Pedestrian dead-reckoning for GPS-blind areas

SYSNAV's patented magneto-inertial technology delivers real-time 3D positioning. Embedded in wearable trackers for pedestrians, it works in GNSS-denied environments (indoors, undergrounds, dense urban areas) or in case of GPS jamming or blurring. For permanent setups, UWB gateways can be added at building entrances to retain the highest precision over day-long shifts.

Increase security supervision and traceability at sensitive sites

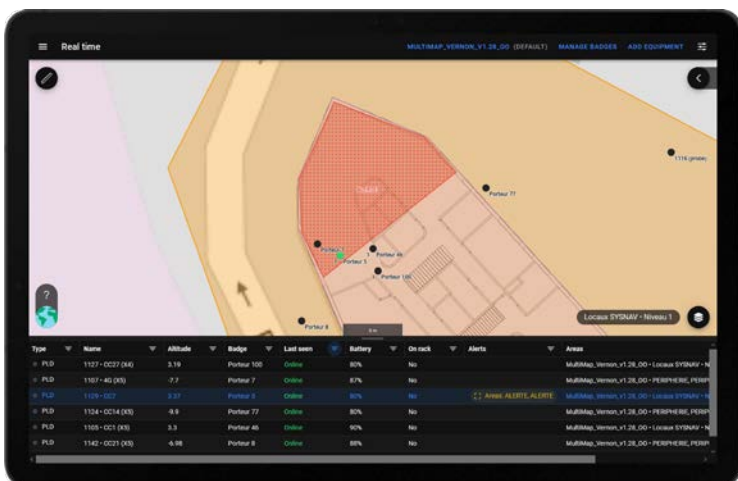
Wherever strict surveillance of visitors and subcontractors, enforcement of access control and verification of security guards rounds is required, Sysnav's tracking makes it possible and allows to add flexible controls using geofencing. Historical data remains available in case any incident requires investigation. The solution is also meant for industrial workers on sites with safety risks, and for firefighters.

Enable better tactical coordination for major events security teams

Command systems make use, at best, of GPS positioning, but this is unreliable in dense urban areas and indoors where most major events take place. Compatible with mission-critical communications, Sysnav trackers provide real-time blue force tracking for instant coordination and better redispach whenever an incident occurs.

Wearable technology for safety, security and efficiency

SYSNAV customers include the French Ministry of Defense (projects re: tracking of dismounted soldiers), French Ministry of the Interior, Paris Airports, EDF, Thales, Airbus, Butachimie, Stellantis, Michelin. Founded in 2008, with over \$15 million in revenue and a headcount of 100, SYSNAV is based in Vernon (France).



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COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	NRBC-E	ARTIFICIAL INTELLIGENCE AND SOFTWARE	CYBER CRIMINALITY	OSINT

THALES

Security at large events: a high-tech platform to support human decision-makers.

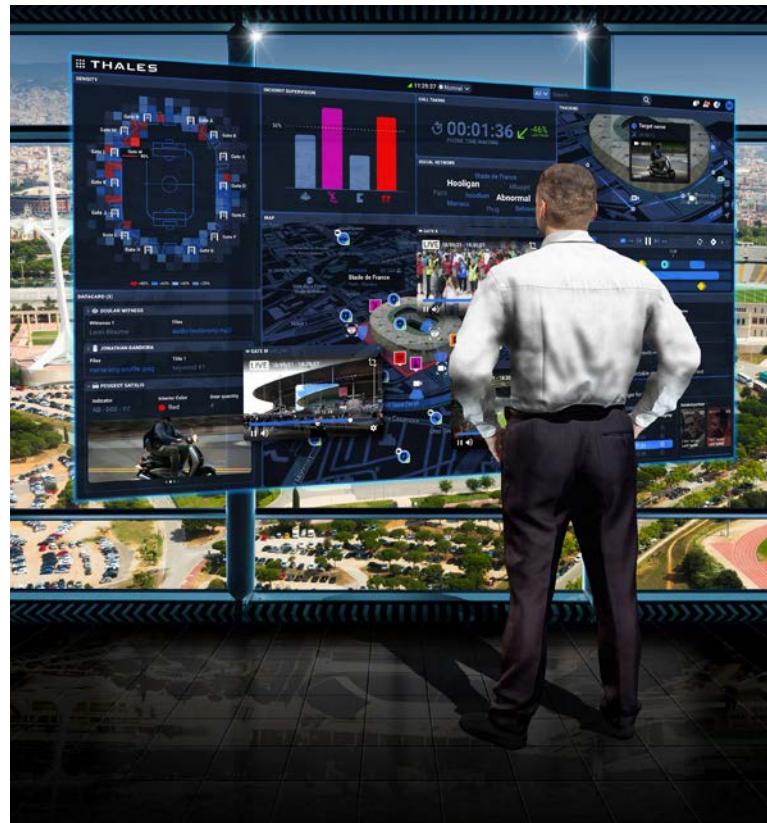
Mass gatherings such as international large events can attract literally millions of people. For organisers and host cities alike, it's a constant challenge to keep all these people safe and secure from potential risks such as terrorist attacks, crowd surges and dangerous levels of congestion on public transport systems. The Smart Digital Platform from Thales seamlessly integrates all types of security systems and services to keep the public safe and make sure large events go off without a hitch.





Along with intelligence-gathering in advance of events, access control systems – using scanners, identity recognition, gate monitors and on-the-fly detection systems to avoid slowing down flows of people entering a site – remain the most widespread method for preventing a terror attack.

It's also important to be able to detect suspicious packages or unusual activity in a throng of people so that response teams can be dispatched quickly and a security perimeter can be established. Thales's Smart Digital Platform meets this challenge by its capacity to federate a vast array of sub systems and sensors. The platform aggregates and analyses huge volumes of information using Big Data and artificial intelligence technologies (computer vision, event correlation, prediction tools, etc.). The Smart Digital Platform, cybersecured by design, provides a real-time situational awareness and helps security operators to take the right decisions at the right time.

Sensors deployed at sensitive sites and advanced data analytics techniques enable city authorities to manage flows of people and traffic intelligently and stay updated on the situation in real time.

Technology is now also available to prevent the growing threat of unauthorized drone presence on major events. Drones of any size can be detected by sophisticated sensors and neutralised by electromagnetic jamming solutions that present no risk to the public.



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THALES
Building a future we can all trust

COMMAND AND CONTROL	CROWD AND FLOW MANAGEMENT	CYBER CRIMINALITY	OSINT

TIMELINK

The French Expert in Time & Frequencies.

We are a real French Medium-size Industrial Company who design, manufacture, market and maintain its own equipments for Defense, Space and Industrial sectors where Timing is crucial for their infrastructures.

Our main Customers are:

- Large European Companies in Defense and Space
- Governmental Space Agencies
- Defense Forces
- Many other Customers

We have a wide range of COTS products as well as specific dedicated solutions.

25% of our revenue comes from exports.

We are a leading and an essential company in our sector.

We want to share our experience, know-how with companies who need our product and solutions.

We adapt us to our customers, not the reverse. This is our DNA.



TimeLink



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TOUTENKAMION GROUP

TOUTENKAMION GROUP, a key manufacturer for all your mobility projects.

To cope with large-scale events, security forces must optimize their mobility: transport, security, comfort of personnel in operation, ultra-fast deployment times, environmental constraints, autonomy, ... These requirements are fully integrated into our developments and achievements.

Design capabilities, technologies, tailor-made

As a European leader, Toutenkamion Group designs, manufactures and transforms truck cabs, mobile units, and shelters.

Thanks to our resources, our know-how, and our experience, our teams support you from the study to the approval/qualification of your mobility solution: truck, semi-trailer, shelter, specific container, expandable or not.

The aluminium or polyester composite technologies we use for our large size panels, combined with adhesive bonding or continuous welding assembly processes, ensure the **operational efficiency, light weight, strength, and durability of our products**.

Adequate mobility solutions

Command posts: tailor-made arrangements to have ergonomic, functional, and safe projectable command means to manage the most sensitive operations (including during transport phases)

Transport solutions for mobile means: transportable by air, ship, road, ... They make it possible to transport and deploy all technical means (drones, underwater vectors, spare parts, workshops...).

Evacuation and rapid intervention solutions: they make it possible to reach an area that is difficult to access to extract an injured person or intervene on the spot (examples: 4x4 pick-up, diving vehicle, ...).

The materials used in the manufacture of our products allow us to achieve different levels of EMC protection, thus ensuring the conduct of operations and associated systems.



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TRAAK



TRAAK - Where no one else can.

TRAAK is a French startup specialized in the development of innovative geolocation and biometric tracking solutions for challenging environments. Conceived entirely in France, TRAAK's products range provides to its users confidential and sovereign solutions.

TRAAK can meet all the needs of special forces and law enforcement agencies for outdoor and indoor geolocation, and in environments where GPS is jammed or inoperable. Our expertise encompasses the full range of geolocation technologies, including jamming- and decoy-resistant capabilities, ensuring data generation and communication even in the most complex situations.

TRAAK has also developed expertise in GPS Denied navigation for Drones (UAVs) and Robots, indoors, underground, or in environments with allied or adversarial jamming in contested areas.

TRAAK offers several products in this regard.

PIXYS 3D

A Blue Force Tracking (BFT) solution incorporating revolutionary Where technology, Pixys 3D provides a 3D position with metric precision in all environments (outdoor, indoor, underground, GPS denied).

MMD01

This compact portable detector enables the rapid detection of individuals hidden in a vehicle within seconds. Its mobility and speed make it an ideal solution for preventing unauthorized access to a restricted area.



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VERNEY-CARRON SA

1820, Claude Verney and Antoinette Carron founded the Verney-Carron house in Saint-Étienne.

The establishment would now dedicate itself to the manufacture of prestigious hunting weapons for 200 years before diversifying first in the mid-90s with the first and most popular means of intermediate force, the Flash-Ball, then a second time with Verney-Carron Defense and a complete range of weapons dedicated to the armed forces and police.

1886, Colonel Nicolas Lebel named a new modern rifle with his name which would enter service with the French forces until 1918.

The main novelty consisted of combining, for the first time in a weapon, smokeless powder invented a few years earlier and which is now the reference and a modern manufacturing standard allowing the interchangeability of components from one weapon to another.

It is in this crucible that the Security and Defense divisions of Verney-Carron were merged to embody a new entity called LEBEL, still dedicated to the armed forces, police and sports shooters.

We design, manufacture and sell:

- Lethal weapons: Submachine Guns, Assault Rifles or Semi-Automatic Precision Rifles
- Non-lethal Weapons, or Intermediate Means of Force, such as the Flash-Ball, the LBD40 and 56mm COUGAR type launchers



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LEBEL[®]
IN OMNIA PARATUS

COMMAND AND CONTROL	ARTIFICIAL INTELLIGENCE AND SOFTWARE	CYBER CRIMINALITY	OSINT

VONA

VONA is a sovereign sme consulting boutique specializing in digital strategy and cyber governance.

We provide comprehensive support to both businesses and public entities, guiding them through securing, managing, and enhancing their digital transformation initiatives. Whenever info is critical, we support organisations in securing successful transformations driven by technology and trust by bringing a unique combination of best-of-breed international expertise and experience. VONA achieved the coordination of the security industries' program for the security of major events and the Olympic and Paralympic Games as early as 2018, in order to support the structuring of the French sector and its industrial policy.

Securing

At VONA, we help our clients mitigate risks to protect their value, assets, and reputation. Our expertise includes:

- **Cybersecurity and Strategy Governance:** Aligning clients' cybersecurity strategies with their broader business objectives, and developing bespoke frameworks for secure information systems
- **Security Integration in Projects and Procurement:** Supporting business units and IT departments in enhancing the security of their IT/OT initiatives
- **Operational Security:** Aiding clients in fortifying the maturity and cyber-resilience of their operational processes

Steering

VONA plays a pivotal role in guiding its clients toward a reliable, high-performing, and ethically responsible digital landscape:

- **Performance Management:** We assist clients in reducing costs and streamlining processes to maximize the long-term value of their digital and cyber assets
- **Technology-Enabled Transformation:** Our focus extends to security, defence, and critical infrastructure sectors (such as energy and transport). We help organizations harness digital and security technologies effectively
- **Program Management:** With a strong emphasis on finance, governance and sustainability, we drive successful program execution

Optimising

To boost our clients' business value, we focus on unlocking and capitalizing on the potential of their assets. Our areas of expertise include:

- **Innovation and Strategy:** Helping clients anticipate use cases and evaluate the business impact of emerging technologies
- **Data Intelligence:** We meet our clients' needs in utilizing data effectively and integrating AI to enhance performance
- **Governance and Compliance:** Guiding clients through the design and implementation of effective data and AI governance frameworks, ensuring compliance with legal and regulatory standards

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ACN
GICAT

PROGRAMME GENERAL DE SÉCURITÉ DES GRANDS ÉVÉNEMENTS DES JEUX OLYMPIQUES 2024

Depuis 2018, le CSF-IS est engagé, en coopération et au profit du MIDM dans la définition et la mise en œuvre d'un programme général de sécurité des grands événements et des JOE2024. En 2022, le programme d'expérimentations a permis de tester 192 solutions technologiques françaises et en démontrer la valeur en conditions opérationnelles. Cela grâce à la mobilisation de la filière au travers des quatre groupements du CSF-IS (GICAT, HEXATRUST, ACN, AN2V), avec des résultats bien au-delà des engagements et des espérances initiales.





WARYME

WARYME, the mobile application sub-system of your overall security/safety system.

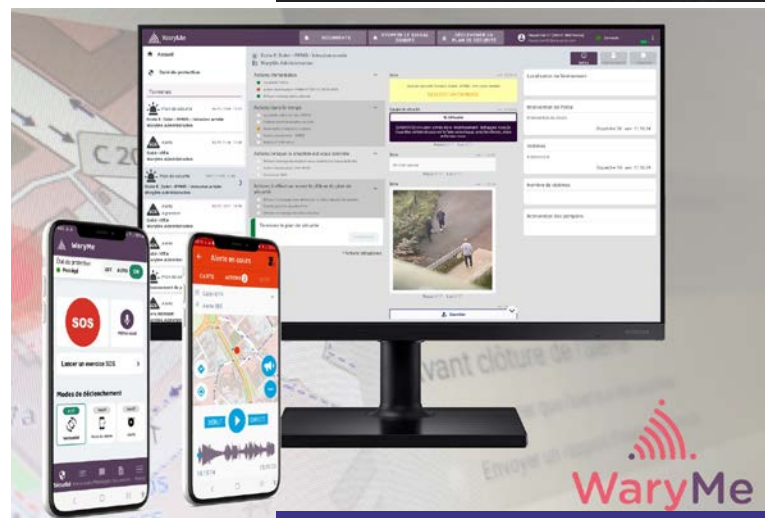
WaryMe is a software and cloud services publisher specializing in mobile solutions for people safety and crisis management. It is the first «3 in 1» mobile app to integrate emergency alert and reporting features, security plans and crisis management, mobilization and mass notification. WaryMe has more than 250 customers, including sensitive sites (Seveso, nuclear), public transport authorities, events (festivals), local authorities and establishments open to the public.

Involving staff on the ground in your collective safety system means you can understand, decide and react more quickly in the event of a major event. Real-time information feedback (distress alert with location, audio or video recording or reporting) enables the situation to be assessed and the appropriate measures to be taken. Crisis scenarios are modeled in the form of collaborative action plans. Safety instructions and security instructions are broadcasted without delay.

Depending on requirements, the system can be controlled on the move (using a smartphone) or centralized at the crisis PC via the supervision console. It can also be integrated into a third-party hypervisor. APIs can be used to increase the responsiveness of the system through interaction with the external ecosystem.

The solution is simple and intuitive. Its modern interface benefits from best practice in terms of user experience. It is regularly praised for its ease of use and guaranteed adoption.

Designed and developed in France, the solution is hosted in the cloud (SaaS) for rapid, flexible deployment. It can be made autonomous and deployed on all types of terrain, via an Edge computing installation and private 4G network.



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