

DEFENCE

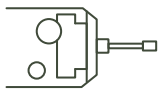
Defence **SOLUTIONS**

The CAPABILITIES



PLATFORMS AND VEHICLES

Land and aerial platforms designed to carry sensors and effectors in demanding environments. Includes protected mobility, logistics and specialised engineering vehicles. Solutions focus on availability, maintainability and rapid deployability.



WEAPONS SYSTEMS

Weapons architectures, ranging from turreted systems to remote weapons stations and integrated effectors. Includes stabilisation, pointing, firing control and safety functions, integration onto multiple platforms and interoperability with C2 networks. Designed for accuracy, reliability and daytime/night-time engagement.



MISSILES AND AMMUNITION

Missile systems and ammunition for tactical effects across land and air domains. Includes guided and unguided munitions, fuzing, propulsion and warhead technologies. Solutions address safety, storage life, traceability and performance under harsh conditions. Coverage spans development, qualification and industrialisation.



COMMAND & CONTROL (C2) SYSTEMS

Systems enabling command, control, supervision and operational coordination across fixed, mobile or deployed environments. Includes command posts, battle management systems, ground control stations, robotic and drone control systems, video wall supervision, mission planning, situational awareness, data fusion and decision-support tools. Solutions support real-time monitoring, tasking, deconfliction, reporting and interoperability between sensors, platforms and field teams.



NAVIGATION & LOCALISATION

Technologies that provide accurate positioning, timing and attitude for platforms and soldiers. Covers inertial navigation, GNSS augmentation/denial mitigation, and multi-sensor fusion. Solutions support precision guidance, targeting and route planning in contested environments. Solutions focus on robustness, calibration and operational continuity.



CBRN EQUIPMENT

Capabilities for the detection, identification and protection against chemical, biological, radiological and nuclear (CBRN) threats. Includes sensors, sampling, analysis, alarms and protective systems. Solutions support reconnaissance, monitoring, decontamination and exposure management. Designed to meet stringent standards and operate in high-risk conditions.



COMMUNICATION & JAMMING

Communication and jamming systems supporting secure communications, spectrum control and electronic warfare in contested environments. Includes tactical radios, intercom and audio communication equipment, data links, SIGINT, spectrum monitoring, and jamming or RF countermeasure systems. Solutions focus on anti-jam resilience, interoperability, spectrum awareness and mission assurance.



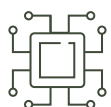
OPTICAL EQUIPMENT

Optical and optronic equipment for observation, detection, targeting and situational awareness in day and night operations. Includes sights, cameras, thermal imaging, image intensifiers, EO/IR payloads, unattended sensors, laser-based functions including designation and directed-energy optical effects, and key optoelectronic components such as photodiodes. Solutions support image processing, tracking, stabilisation and integration onto platforms and weapon systems.



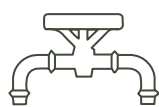
MECHANICAL EQUIPMENT

Mechanical equipment and subsystems supporting the structure, mobility, protection and reliable operation of defence platforms, systems and munitions. Includes mechanisms, structural parts, rotary transmission devices, safety and arming devices, sealing, anti-vibration, and conductive or protective interface components.



ELECTRONIC EQUIPMENT

Electronic equipment supporting control, sensing, connectivity and processing for defence systems. Includes rugged computers, boards, interfaces, switches, video systems, HMI and control panels, embedded sensors, power electronics and cyber-resilient architectures. Solutions are designed for real-time operation, reliability, EMI/EMC compliance and field upgradability.



FLUID & HYDRAULIC EQUIPMENT

Hydraulic and fluid-management solutions for actuation, braking, cooling and mission systems. Includes pumps, valves, cylinders, reservoirs and filtration. Solutions target performance under pressure/temperature extremes and long service life. Designed for safety, maintainability and contamination control.



WIRING SOLUTIONS

Harnesses, cabling and interconnect systems adapted to military constraints and harsh environments. Includes connectors, routing, shielding and EMC management. Solutions support high reliability, rapid integration and simplified maintenance. Designed for vibration resistance, fire safety and long-term traceability.



POWER SYSTEMS

Power systems supporting the generation, storage, conversion, transmission and delivery of energy for defence platforms and mission payloads. Includes batteries, converters, generators, thermal engines, hybrid propulsion solutions, auxiliary power units, and associated electrical or mechanical transmission elements. Solutions focus on endurance, efficiency, silent watch, safety and robustness.































CAMOUFLAGE & DECOY SYSTEMS

Solutions designed to reduce detection, identification and targeting by adversary sensors across the electromagnetic spectrum. This category includes multispectral camouflage, signature management, concealment systems and decoy technologies for platforms, equipment and infrastructure. Solutions aim to disrupt enemy surveillance, targeting and engagement processes by creating uncertainty and false targets. Designed to enhance survivability, operational freedom and force protection in contested environments.

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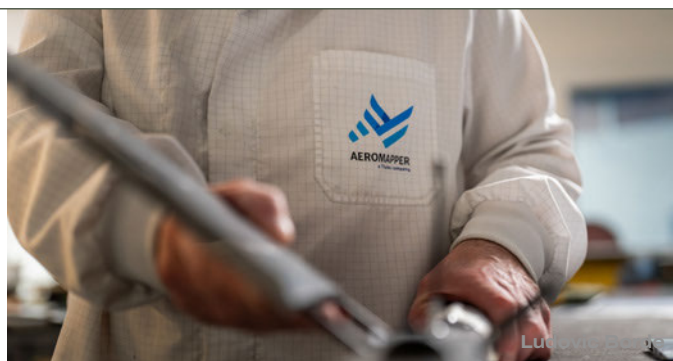
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MEMBERSHIP
directory

AEROMAPPER

Aeromapper is a French company of Thales group, dedicated to development and production of Mini UAS solutions. We design and manufacture complete Unmanned Aerial Systems (UAS), from the airframe to the onboard systems. One of our key strengths is our expertise in avionics, which we develop entirely in-house to ensure performance, reliability and optimal integration.

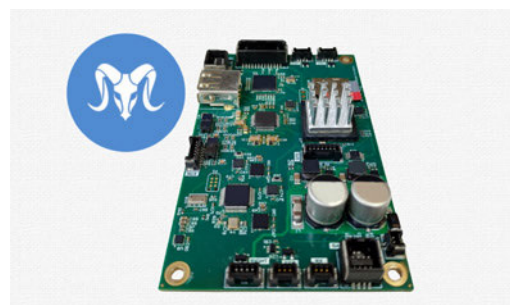


ARIES



Suits avionics for Mini UAS

Aries is a SAIL II lightweight and robust avionics solution, developed entirely in-house, from hardware to software. Designed for fixed-wing drones, it offers flexible integration thanks to a modular architecture compatible with various sensors and payloads. Its complete ecosystem includes simulation tools, test benches and validation environments to ease development and integration. Proven through thousands of hours of use, including in combat conditions, Aries combines reliability with simplicity.

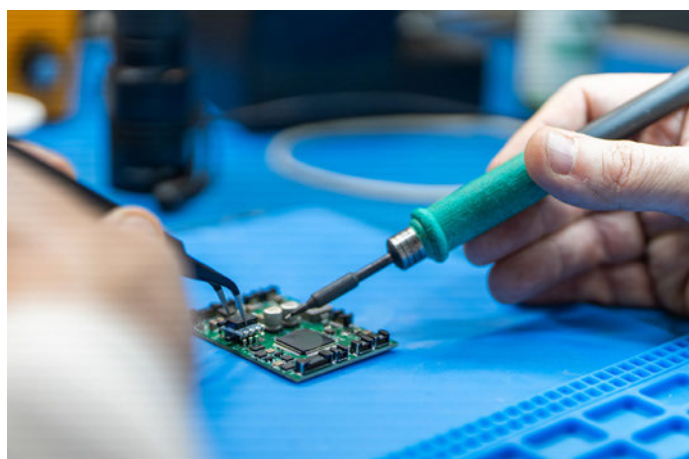
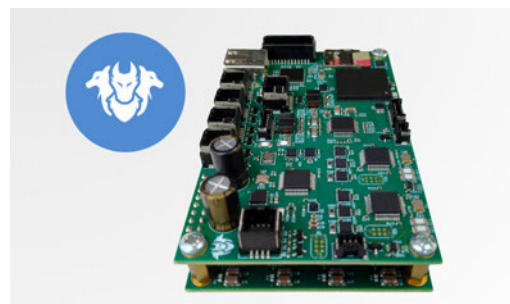


CERBERE



Suits avionics for high-value Mini UAS over populated areas

Cerberere is a highly reliable avionics designed for UAS operating in sensitive environments, particularly over populated areas. Developed to meet the requirements of SAIL III operations, it is based on a fully redundant architecture with no single point of failure, ensuring mission continuity in all circumstances. Designed for critical applications, Cerberere ensures a high level of safety and complete control of operational risks for drone systems. Its robust design and redundancy logic make it a solution suited to missions where reliability is essential, in compliance with the most demanding standards.



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AKIRA TECHNOLOGIES

Akira is a mechanical engineering company specialized in R&D and build-to-spec development innovative mechanical systems for various sectors: defense (30%), aerospace (30%), motorcycle (30%), and others (10%).

Products developed : Rotating machinery and energy conversion systems - Innovative power generation and propulsion systems (hybridization, H2, etc.) – Propulsion solutions up to 50 kW for drones and MTOs (piston engines or turbojets) - Special test benches and proposal of testing services.

PISTON-ENGINES AND TURBOJETTS



Akira offers a range of small piston engines and turbojets up to 50 kW that can be used to power drones or MTOs.

Akira develops pistons engines for motorcycle championships since 2003.

For this activity Akira produces about 150 piston engines per year.



SPECIFIC FLUID PUMPS AND EQUIPMENTS



Akira also designs and produces specific pumps and equipment.

For example, Akira produces fuel and oil pumps for generators, piston engines and turbojet, and other embedded systems.



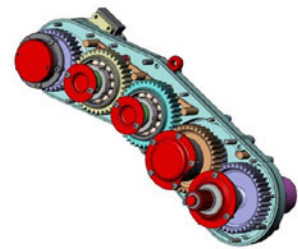
TRANSMISSION SYSTEMS



Akira develops specific transmission systems.

For example, Akira has designed a high-speed transmission box (50 krpm) between two electric machines (2x 90kW) and a gas turbine.

Akira's scope includes lubrication and cooling management systems.



POWER GENERATORS



Akira has developed a new generation of auxiliary power units ranging from 5 to 70 kW, based on microturbine technology.

Initially developed in collaboration with KNDS and the DGA, this compact and silent unit is lighter (40–50% lighter) and smaller (30–40% smaller) than units equipped with piston engines.

These units can be used for example in ground defense vehicles, in naval applications, or for military shelters.



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ALSETEX

ALSETEX, a subsidiary of the Etienne Lacroix family-owned group (100% private family equity, founded in 1848), is a French industrial company and a key player in pyrotechnic solutions for defense, homeland security, and law enforcement applications.

Since the 1960s, ALSETEX has been designing and manufacturing a wide range of pyrotechnic products used by intervention and counter-terrorism units in France and worldwide.



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ALSETEX RANGE OF PRODUCTS



ALSETEX develops pyrotechnic effects for armed forces, internal security forces, and civil protection, including 40 mm launchers (single-shot and 4-barrel multi-launchers) and a full range of hand grenades:

- Offensive / defensive
- Flash-bang / stun
- Smoke / screening
- Breaching / disruption effects
- Signaling and thermal devices



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40 MM RANGE : LAUNCHERS AND EFFECTS



The Alsetex 40 mm (NATO standard 40 x 46 mm) intermediate force products allows an adapted and sharp response.

It offers a range of kinetic, tear gas or special effects on a two way use : manually with an hand fuse or with the COUGAR 40 ALSETEX launcher over distances of 100, 200, 300, or 400 meters for our complete round line.

The hand grenade range completes the 56 mm and 40 mm ones.

It offers a wide scope of various effects, smoke, sound and light effects for training, signaling or intervention.

It insures safe use for the operators in all conditions, thanks to the ALSETEX hand fuse.



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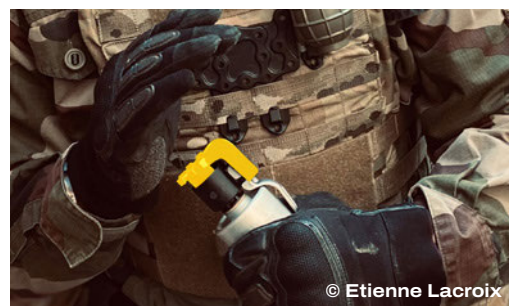
INNOVATION STRATEGY



ALSETEX allocates dedicated resources to the development of tailored solutions aligned with the group's innovation roadmap.

Latest generation: reversible ignition systems enabling a significant improvement in safety and handling of grenades.

Ongoing developments include pyrotechnic payloads for drones and loitering munitions.



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ALTA ARES

In an era of high-intensity warfare and saturated electromagnetic environments, Alta Ares provides armed forces with the tools for immediate technological dominance. We develop disruptive Software & Hardware solutions, natively powered by Edge AI.

Our systems automate critical mission functions from detection to interception directly at the tactical edge. Specifically engineered to operate in contested environments (GNSS-denied), Alta Ares technologies ensure agile responsiveness without reliance on external data links. By eliminating operator cognitive overload, we transform raw battlefield data into tactical success for NATO-aligned forces.

SOFTWARE: REAL-TIME INTELLIGENCE & AUTONOMOUS ENGAGEMENT



Alta Ares software suites are engineered to deliver critical decision-making capabilities at the tactical edge. By processing data locally, our AI ensures mission continuity in denied environments where connectivity is non-existent.

Gamma ISR: Real-Time Video Intelligence

Gamma is a high-performance intelligence module designed to operate entirely without internet or cloud connectivity. It transforms live video feeds into immediate, actionable insights by automatically detecting and classifying tactical threats—including tanks, IFVs (Infantry Fighting Vehicles), and infantry. Gamma is hardware-agnostic and can be deployed directly on drones, tactical cameras, and optronic systems to provide persistent, automated surveillance.

Pixel Lock: Autonomous AI Interception

Pixel Lock is a specialized autonomous system dedicated to the real-time detection, tracking, and interception of hostile UAVs. Designed for high-stakes kinetic missions, it enables interceptor drones to lock onto targets with total autonomy. By processing the engagement loop on-platform, Pixel Lock guarantees the neutralisation of threats even under intense electronic warfare or signal jamming.



HARDWARE: HIGH-PERFORMANCE TACTICAL INTERCEPTORS



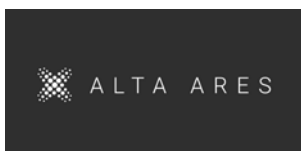
Alta Ares designs and builds high-speed kinetic vectors engineered to outpace modern threats. Our hardware is purpose-built to integrate our proprietary AI, ensuring lethal precision and operational resilience in the most challenging environments.

Black Bird: High-Speed Turbojet Interceptor

The Black Bird is a lightweight, turbojet-powered system (7 kg with payload) designed for the rapid neutralization of high-velocity aerial threats. Capable of reaching speeds up to 670 km/h, it operates at altitudes of up to 7,500 m with a 40 km operational range. Equipped with autonomous terminal guidance, the Black Bird ensures surgical precision during the final engagement phase, even in contested environments.

X-Lock: Precision Multirotor System

The X-Lock is a 5 kg high-performance electric multirotor engineered for precision-strike missions. It combines agility with remarkable power, reaching speeds up to 270 km/h with a service ceiling of 4,500 m and a 15 km range. Designed for all-weather operations, it maintains stability in winds up to 85 km/h and offers 20 minutes of endurance at cruise speed. Like the Black Bird, it features fully autonomous terminal guidance for guaranteed mission success.



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AMPHENOL SOCAPEX

We design and manufacture high-performance interconnect solutions for the most severe environments – on land, at sea, and in the air. For over 80 years, the company has been a trusted defense partner, recognized for its technological expertise, reliability, and end-to-end support. Our offer spans the entire interconnect chain, from PCB connectivity inside the box to In/Out external interfaces, and extends to copper & fiber optic cable assembly solutions.



HIGH SPEED SOLUTIONS (ETHERNET, USB, FIBER OPTICS..)

Our high-speed solutions include a wide range of ruggedized RJ45 Ethernet, USB, HDMI and Mini DisplayPort field connectors, cordsets, and cables, as well as fiber-optic termini, connectors, and cordsets. These solutions ensure secure, high-performance data transmission in harsh military environments.



FIBER OPTIC SOLUTIONS

Our fiber optic solutions include rugged connectors, termini, cordsets & drums for high-speed, secure data transmission. Using expanded-beam and butt-joint technologies, they deliver EMI immunity, low optical loss, and reliability in harsh military, aerospace & naval environments, supporting mission-critical communications.



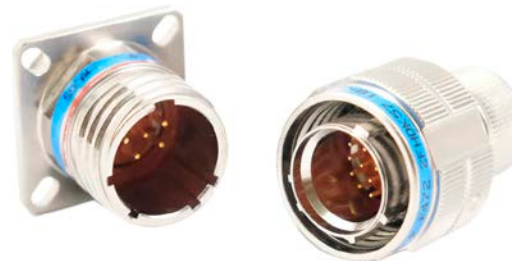
COPPER CABLE ASSEMBLY

We design and manufacture high-reliability electrical harnesses for harsh environments. From prototype to series production. Build-to-print and build-to-spec solutions. Covering power, signal, data and high-speed applications. We provide advanced capabilities including overmolding, overbraiding, engineering expertise and alternative BOM optimization. Compliant with IPC/WHMA-A-620 Class 3 and EN9100.



MIL-DTL-38999 CONNECTORS

Choose from a large range of series (38999 Series I, II, III & EN3645) and options, including micro miniature, high speed, power in different coupling solutions: bayonet, screw type, rack & panel, quick disconnect. Many materials & plating QPL qualified available incl. ROHS, REACH process (Zinc Nickel, Tin Zinc...)



AMPHENOL SOCAPEX

RJFTV ETHERNET CONNECTORS & CORDSETS



RJFTV allows you to use an Ethernet Class D/Cat. 5^e/Cat6/Cat6A connection for 10 BaseT, 100 BaseTx or 1000 BaseT networks in harsh environments. The connectors, based on MIL-DTL-38999 Series III, are sealed against fluids and dust (IP68) and shock, vibration, and traction resistant. It's easy to implement since no cabling operation in the field or tools are required.



MEDIA CONVERTERS FO TO COPPER



The media converter enables long-distance extension of a copper Ethernet connection over fiber optics. It features an RJFTV connector on the copper side and an ultra-rugged Expanded Beam CTOS connector for the fiber link. Additional options are available upon request.



USB3 AMPLIFIERS



The USB3 Amplifier extends USB3 connections up to 11 meters, offering exceptional reach, versatile compatibility, and tailored length options for applications in C5ISR, battlefield communications, and naval environments. With enhanced EMI protection, IP68 sealing, and robust durability, the amplifier based on MIL-DTL-38999 Series III, ensures reliable performance in challenging conditions.



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UCOM USB TYPE C CONNECTORS



uCom-USB type C is the smallest rugged USB Type-C connector solution with push-pull or threaded coupling. It offers protection against fluids, dust, shocks, and vibration disconnection, while ensuring reversible data and power transmission. Designed for flexible configurations with Amphenol Socapex's expertise in rugged connectors.



MICRO HDAS PCB CONNECTORS



Micro HDAS is the 1.27mm pitch connector based on existing HDAS technology. Smaller, lighter, and just as strong, this miniature connector is used in board-to-board or board-to-cable applications. Offering a crimp version, Micro HDAS can be used in harnesses from panel to board when used with an I/O 38999 connector.



2M MICRO CONNECTORS



Designed for applications that demand size and weight savings without sacrificing the electrical and mechanical performance of a standard MIL-DTL-38999. 70% Lighter and 50% Smaller than similar MIL-DTL-38999 Connectors. Fully intermateable, intermountable, and interchangeable with other sources of the market.



SC39 QUICK RELEASE CONNECTORS



The SC39 connector is a lightweight, rugged quick disconnect solution based on MIL-DTL-38999 Series III. Designed for fast, secure mating, it offers standard or low insertion force options and excels in harsh military, aerospace, and battlefield communication environments, including high shock, vibration, moisture, and chemical resistance for reliability.



AMPHENOL SOCAPEX

FIBER OPTIC SOLUTIONS



Our fiber optic solutions include rugged connectors, termini, cordsets & drums for high-speed, secure data transmission. Using expanded-beam and butt-joint technologies, they deliver EMI immunity, low optical loss, and reliability in harsh military, aerospace & naval environments, supporting mission-critical communications.



38999 CONNECTORS WITH INTEGRATED BACKSHELL



The 38999 connector with integrated backshell is a compact, all-in-one solution for MIL-DTL-38999 Series I and III. It ensures EMI protection, Tempest compliance, easy installation, and high sealing performance in harsh military & aerospace environments.



RJFIELD™ & USBFIELD™ KIT 360° EMI



The kits include all components needed for a complete 360° EMI-shielded connection. Designed to comply with TEMPEST, COMSEC, and SDIP-27 standards, they provide strong protection for sensitive data against cyber threats.

Supplied without cable, they allow custom wiring based on specified conductor and shielding requirements. For optimal performance, we recommend our reinforced, halogen-free Ethernet and USB cables designed for harsh environments.



CAPLOCK / PLUGLOCK LOCKING DEVICES



We offer locking accessories for 38999, RJFTV and USBFTV connectors and caps. They help strengthen cybersecurity. The series includes CapLock, PlugLock and Metal CapLock. These locks prevent manual unlocking of receptacles thereby ensuring additional security.



ARINC SA

Since its inception in 2000, ARINC SA, together with its subsidiaries, use its know-how and experience for the benefit of its institutional and civilian customers.

ARINC SA's teams are highly skilled and experienced in the fields of defence, aerospace and contract management.

Working closely with all major foreign institutions (MOD, MOI, MOJ), ARINC SA's solutions are all designed in France.



MULTISPECTRAL STEALTH NETS



Multispectral Camouflage Net, Ghillies, Poncho and Mobile Camouflage Systems are designed in France.

There are workign against the actual sensors of detection in the UV, Visual, Near-IR, SWIR, Thermal, and Radar bands.

- Multispectral Stealth Nets (standardized inks according to zones and countries)
- Effective in all spectral bands: UV, PIR, IR II & III, Radar 8 to 94 GHz
- Tested and approved by DGA (France) and FGAN (Germany)
- Operational activities under the net
- Reversible and easy to deploy
- Sand, snow and other camo colors
- All sizes available
- Full accessories kits



MOBILE CAMOUFLAGE SYSTEM



Make it your vehicles, UGV, UGCV disappear or Reduce their signatures in Visual, Near and Infrared Microwave and Radar bands.

- Reduce infra-red and radar signature
- Gain tactical superiority: driving with the cover 120km/h
- Versatile and suitable from 4x4 to main battle tanks
- Light, robust, affordable
- Physical : in accordance with NATO requirements
- Visual : Depending of country requirements
- Near IR : in accordance with the colors
- IR band 3-5 & 8-12µm : > 73%
- Distance of detection : < 1 500m
- RADAR X band : 8 / 10dB m²
- RADAR W band : 10 / 12dB m²



ARVAK THERMAL COVER



ARVAK is a kind of a tarpaulin designed to neutralize the effects of the sun rays, which cause heat to rise dramatically in vehicles.

It creates an artificial shadow that blocks most of the incoming solar energy, infra red and UV rays, preventing heat accumulation in the metallic parts of the carrier.

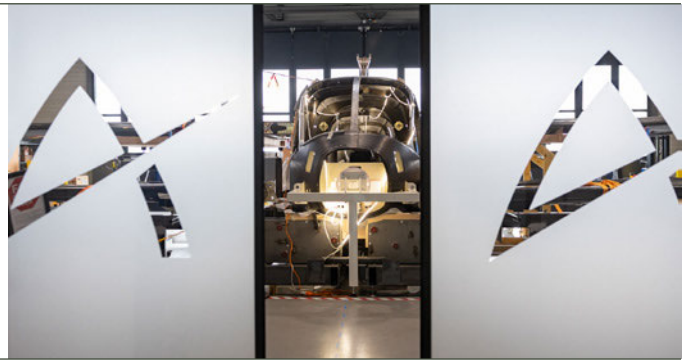
Thermal inertia is now stable allowing a slower increase or decrease in temperatures onboard.



ASCENDANCE

As pioneer in hybrid-electric aviation, Ascendance designs and manufactures propulsion systems for both defence and civil applications. Its high-performance, sovereign technologies are notably supported by France 2030, the Occitanie Region, and Bpifrance.

Ascendance employs more than 100 people in the Toulouse area (Toulouse HQ and Muret Flight Test Center), bringing together key expertise in aerospace engineering, electrical systems, battery technologies, embedded software, certification and industrialisation.



STERNA HYBRID PACK FOR UAVS



Modular **hybrid-electric propulsion systems** for **drones (STERNA)**.

We design, manufacture and commercialise these propulsion systems for UAV and aircraft applications.

We **integrate** our STERNA systems into 2 main UAV segments to improve their performance:

- **MALE** (Medium Altitude Long Endurance) UAVs
- **Heavy Cargo UAVs**: with a payload capacity above 100+ kg

STERNA delivers **enhanced performance**:

- **Endurance**: up to x4 vs. full-electric and +40% vs. thermal
- **Discretion**: Thermal & acoustic signatures reduction vs. thermal
- **Payload**: Higher payload capacity
- **Flexibility**: Shorter turnaround time thanks to in-flight charging (no ground charging infrastructure)
- **Compatibility** with **fuels** available on the battlefield, incl. heavy fuels

We are supporting several UAV manufacturers to hybridize their platforms. A prime example is our collaboration with the French DGA (Defence Procurement Agency) with Delair to hybridize a small tactical UAV demonstrator.



Heavy Cargo UAV powered by STERNA

ATEA HYBRID-ELECTRIC VTOL AIRCRAFT



ATEA, our **hybrid-electric VTOL** (Vertical Take-Off and Landing) capable of carrying up to 6 passengers (applications: transport, medical missions, cargo, surveillance) over 400 km.

This aircraft is fully designed, industrialised and commercialised by Ascendance.

Compared to helicopters, the target **operational benefits** are:

- Up to **-80%** of **fuel consumption**
- Up to **-75%** of **noise emissions**
- Up to **-50%** of **direct operating costs**

We have today **600+ pre-orders** for the aircraft.



ATEA hybrid-electric VTOL aircraft



ATDI

Since 35 years, ATDI is leader in Spectrum Management, Spectrum Monitoring and Communications Electronic Warfare

ATDI provides advanced software solutions for radio planning, engineering, spectrum management, tactical mission planning and electronic warfare serving customers across the globe. We continually evolve our offerings to align with emerging technologies and industry trends, assisting customers to effectively plan, model, and manage their radio spectrum use.



HTZ WARFARE



HTZ is a complete software solution for managing electronic warfare communications.

HTZ Warfare is a comprehensive radio network planning and spectrum engineering tool for the deployment, optimisation and real-time analysis of mission-critical communications. Its powerful propagation engine comprises of ITU and industrial-standard deterministic and empirical models to model airborne, spaceborne, terrestrial and maritime radio networks.

For over three decades, leading military and defence spectrum organisations have relied on HTZ Warfare to design and optimise their offensive and defensive EMS operation missions. This technology-neutral solution supports all radio technologies including VHF/UHF/4G/5G, tropospheric links, UAV/UAS/drones and counter-drone, satellites in GSO/NGSO, MANET, radars, DF and jammers. Key features include coverage range analysis, site searching, On-the-Move path optimisation, link profile analysis, interference and coexistence mitigation strategies and automated frequency assignments.

The tool is equipped with a third-party spectrum DB plug-in to import ITU BRIFIC/SNS/SMADEF XML and civilian spectrum DB. The integrated map module streams the newest satellite images from MAXAR.



ATDI
SPECTRUM LEADER

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AUBERT & DUVAL

Over 70 years of experience designing and developing new steel grades, Aubert & Duval is a leading producer of special steels, superalloys, titanium and aluminum alloys serving the defense industry for land, sea and air applications. Our know-how and a set of unique industrial tools: the reference metallurgic partner for defense industries



LARGE, MEDIUM AND SMALL CALIBERS



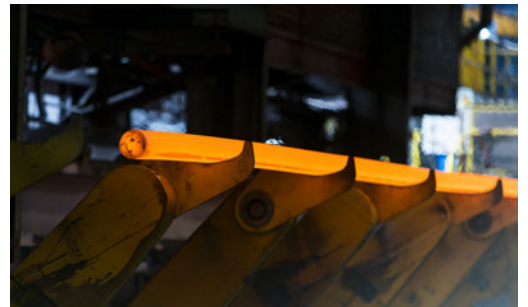
High performance steels for gun barrels: Blank barrels for large, medium and small calibers (from 5.56 to 155mm)



FORGED & ROLLED PRODUCTS



Forged & rolled products for small calibers, missile parts or casings



FORGINGS



Forgings for vehicles Breech blocks and breech rings



BACHMANN RDS

*Specialised in **inflatable and metal-textile structures**, BACHMANN RDS is a **global leader in rapid deployment systems**, offering modular and robust solutions tailored to the most demanding environments. The company manages every stage of the development process for its solutions, **from design to commissioning**, in order to meet its clients' operational needs precisely.*

*Its structures are designed to **protect personnel and sensitive equipment** in challenging environments, serving the following sectors: **Defence & Security, Aerospace, industrial applications, humanitarian missions and NGOs**. Its expertise covers complete critical infrastructure, ranging from **command posts and technical hangars to turnkey camps and field hospitals**, and also includes specialised solutions for **camouflage, CBRN protection and anti-drone measures**.*

MOBILE COMMAND POST



Designed for the armed forces and emergency services, MCPs are mobile, discreet and modular command posts offering a wide range of features:

- Quick multi-vehicle connection: armoured vehicles, VT4s, Jeeps
- Inflatable and ultra-lightweight: transportable and deployable anywhere
- Space for commanding out of sight and sheltered from the elements
- Full modularity: doors, access points, configurations tailored
- Interconnection of MCP 16 units to create extensive structures



DOME - ANTI-DRONE SYSTEM



Designed for the armed forces and field operations, our Dome is a metal-textile structure that provides protection and camouflage for radars, drones, vehicles and other equipment vulnerable to the elements.

- Easy to transport thanks to its compact packaging
- Assembled in just a few days with minimal labour
- Available in diameters from 9 to 24 meters
- Quick opening up to 180°
- Completely watertight and airtight



MILITARY DECOYS



Designed for the armed forces, the Serval Decoy is a realistic, inflatable tactical deception solution that can be easily deployed in the field.

- Faithfully replicates the silhouette of the French Serval armoured vehicle
- Lightweight and compact packaging for optimised transport and storage
- Versatile inflation: inflator, vehicle socket, compressed air
- Rapid deployment in under 15 minutes with just 2 operators
- Advanced operational capabilities: can be moved whilst inflated, interior access and thermal customisation for an adapted signature



CBRN



Designed for CBRN situations, our inflate and forget personal decontamination solutions ensure a rapid, self-contained and reliable response in the field:

- Immediate deployment: operational within minutes
- Fully self-contained: integrated clean and waste water management
- Proven robustness: suitable for use in extreme conditions
- Integrated ORCHIDS protocol: optimal and safe decontamination
- Total modularity: triage, individual or mass decontamination



BERTIN TECHNOLOGIES

BERTIN TECHNOLOGIES is a European 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, and Life Sciences. Bertin Technologies develops defense and security solutions for the armed forces, civil security, and critical infrastructure protection, including CBRN threat detection, autonomous sensor networks, and optic & optronic surveillance systems.

SAPHYRAD MS



SaphyRAD MS is a multiprobe survey meter designed for military or civil security operations in harsh environments. It can be used for radiation exposure monitoring, source and hot spot search as well as for radiation contamination detection and measurement. Its comprehensive range of innovative probes allows the user to detect and measure alpha, beta, gamma, neutron and X-Ray radiation. The ergonomic design of the Human Machine Interface has been field-proven for quick and easy use by non-radiation specialists which makes it a practical yet precise CBRN Equipment.



SECOND SIGHT MS



Second Sight MS is a passive, long range chemical and toxic gas cloud detector that is ideally suited to military and civil defense operations due to its compact, lightweight and modular design. Its multispectral infrared imaging system shows the localization of TIC's and CWA's as an overlay. Second Sight MS is the only standoff gas cloud detector for real time surveillance with source localization. It can be implemented on CBRN vehicles to increase the chemical detection capabilities. Remote monitoring from inside the vehicle provides full 360° surveillance of the chemical threat. Second Sight MS is also ideal for being easily deployed in the event of a chemical accident, to detect a gas leak at a long distance.



CHEMPROX



ChemProX is a CBRN equipment consisting of an early-warning chemical detector that provides rapid response and reliable measurement results. Since it requires no consumables for detection and thanks to its compact size, ChemProX enables any team to detect and classify chemical warfare agents (CWAs) and unknown toxic compounds (TICs). ChemProX is a versatile chemical detector, and its effectiveness in chemical detection has been proven in many different applications: for individual use, team use, as part of a perimeter surveillance network, and more.



CAMSIGHT FUSION BLOCK



CamSight Fusion Block is a long-wave infrared (LWIR) thermal camera equipped with two high-performance sensors. It has an ergonomic design, suited for constrained environments, tailored for Unmanned Aerial Vehicles (UAVs), and binocular or monocular thermal and visible viewings systems. CamSight FB offers cutting-edge image processing technology that combines visible and thermal channels in real time through an intelligent fusion mode and creates a final image that maximizes the strengths of both channels.



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BERTIN TECHNOLOGIES

CAMSIGHT LS



CamSight LS (Low SWaP – Size, Weight and Power) is a long-wave infrared (LWIR) OEM VGA camera featuring French microbolometer sensor designed for challenging applications. It is the smallest camera available on the market, designed to be easily integrated within complex optronic systems, such as rifle sights, ground or aerial drones and every equipment requiring ultra low SWaP. Lightweight, ultra compact and very low-consuming, CamSight LS can be implemented in very constrained environments and fulfills most night and day surveillance, observation and infantry missions, making it a great weapon system.



PERISIGHT



PeriSight is a high-performance optronic system, operating day and night, designed according to military standards, and that can be integrated into any type of vehicle. PeriSight 360 provides crews with a 360° panoramic view of the environment. It consists of four to eight optronic modules, strategically distributed on the platform according to the needs of the user and the configuration of the vehicle. PeriSight Drive ensures optimal visual comfort for the driver, thanks to the combination of thermal and visible cameras. This optronic solution offers a clear image, facilitating safe navigation and obstacle avoidance in complex or dangerous environments.



PERISIGHT TOP ATTACK



Top Attack is an optical equipment consisting of a fully passive 360° infrared optronic detection solution designed to safeguard armored vehicles from the expanding drone threat. It eliminates blind spots and secures sensitive zones, and delivers robust detection of drones including fiber-optic-guided systems, this embedded system can easily be integrated into any armored vehicle. In addition, the automatic moving target detection and tracking algorithm make it possible to implement effective countermeasure systems. PeriSight Top Attack complies with military standards to operate in constrained environments.



FLEXNET



Flexnet is the most mature, advanced and operational UGS (Unattended Ground Sensors) system available on the market. This high-performance force multiplier, featuring a self-healing mesh radio network and operated through a user-friendly Command and Control (C2) application, is perfectly suited to various types of missions, among which: Force protection, Intelligence, Surveillance, Reconnaissance (ISR), and monitoring of critical assets and sensitive areas.



BREN-TRONICS

Bren-Tronics, an EnerSys company, is a recognized expert in the design and manufacture of military-grade lithium-ion batteries and power systems. Since 1973, the company has supported defense forces with robust, safe and high-performance energy solutions for soldier systems, military vehicles and deployed units. All products are engineered to meet operational constraints, NATO interoperability requirements and extreme environmental conditions.



ARMASAFE® ION-X (LI-ION)



Bren-Tronics has developed one of the highest-capacity 6T lithium-ion batteries available for military vehicles. Designed to support high-demand onboard electronics and silent watch, this 24 V solution significantly reduces weight and volume while providing sufficient power for engine start and onboard systems. It supports a wide range of military platforms and enables extended silent watch operations.



VMC MINI CHARGER



The VMC Mini vehicular universal charger is designed for the safe and efficient charging of military rechargeable batteries on vehicle platforms. Built for harsh operational environments, it ensures reliable power management, system compatibility and compliance with military standards. This charger is universal, meaning it can charge up to 25 different type of Lithium batteries, just by changing the charging adapter inside.



AN/PRC-148 BATTERY



The AN/PRC-148 is a rechargeable lithium-ion battery that powers mission-critical defense equipment requiring high reliability and continuous operation. Field-proven in demanding environments, it ensures safe operation, endurance and system compatibility.

Military Ruggedness: Designed to meet MIL-STD requirements for rechargeable batteries.

Interfaces: Single Wire DQ communication, ensuring compatibility with modern tactical systems.

Charging: Works with all AN/PRC-148 standard and rapid charging systems.

Safety Compliance: UN/DOT 38.3 certified for transit safety.

Applications: Tactical communication systems including:

- AN/PRC-148 radios
- Wave Relay System
- TRC-9110
- Silvus StreamCaster radios



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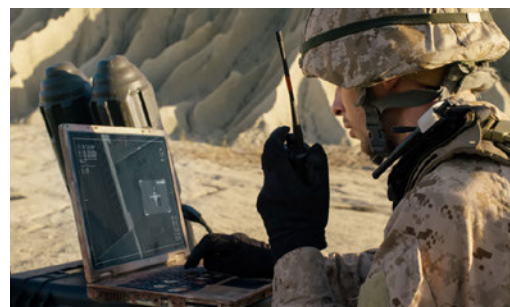


BREN-TRONICS

BB-2557/U BATTERY



The BB-2557/U is a standard military lithium-ion rechargeable battery supporting defense and security systems, including short-range protection applications. It delivers enhanced autonomy, operational safety and interoperability with established military power architectures.



ABC UNIVERSAL CHARGER



The ABC charger is a universal charger designed to manage and charge rechargeable batteries used in intelligence and ISR equipment. It ensures safe charging, system protection and power continuity for sensitive missions where reliability is critical.

Key Specifications

- Application: ISR / intelligence mission equipment
- Compatibility: Bren-Tronics military rechargeable battery range and other rechargeable batteries (see list on our website)
- Protection: Overcharge, short circuit and thermal protection
- Compliance: MIL- STD environmental qualification

Key Features

- Precision controlled charging for ISR and sensitive mission equipment
- Comprehensive system protection: overvoltage, overtemperature, short circuit
- Integrated diagnostic and battery health monitoring
- Proactive maintenance management for battery fleets
- Compact and ruggedised for forward operating base deployment
- Broad compatibility across contemporary military battery architectures



BB-2590/U BATTERY



The BB-2590 high capacity battery (298 Wh) provides extended autonomy for robotic and unmanned systems. Widely used by NATO forces, it combines high energy density, safety features and full interoperability for seamless integration into existing logistics chains.

Key Specifications

- **Standard:** NATO BB-2590/U high capacity variant
- **Capacity:** 298 Wh
- **Interface:** SMBus v1.1 / SBDData v1.1
- **Certification:** UN/DOT 38.3 - MIL-STD qualified

Key Features

- Extended autonomy for UAS, UGV and robotic systems
- Full NATO logistics interoperability
- Dual LCD State of Charge indicators
- Smart communication for system integration



CEGELEC DÉFENSE

Your partner for Defense & Security

50 years of service dedicated to the protection of strategic infrastructure and operational support.

A European leader in technology services, Cegelec Défense leverages its expertise to support major fixed and mobile hardened infrastructure projects for Defense and Security.

Our domains of expertise: Protection & Security • Infrastructures & Networks • Mobile & Deployable Solutions • Mechatronics • Information Systems • Cybersecurity • Electromagnetic Control.

Specialists in Kinetic, EMP, CBRN, TEMPEST & CYBER protection.

MOBILE COMMAND POST AND OPERATION CENTER

Description of the solution

This standalone expandable commodity provides the full command and control environment for 20 operators with minimal logistic footprint and a high flexibility based on 20ft housing containers, the shelter deploys up to 6 cells to offer a fully connected 90 m² workspace. This battle proven solution has been fielded in relief operation as well as numerous global armed forces and security deployments.



Strengths

A 100% french solution used by the Armed and Security Forces purposes, Rapid deployment in emergency or crisis situations, Customization of the solution with extensive options, An integral pre-equipped solution with power, CIS, lighting and HVAC

Technical description

- A standalone unit comprising : 20 ft ISO shelter in transport/storage modes, All modes of transport (Air, Land and Sea)
- 7 customization options : Power generator, Power backup, Additional heating / cooling for deployments, Generator set, Optical fiber network, Adaptable layout and full open space, CBRN and COLPRO capable
- Training services : Deployment and training of technicians and operators

COMPREHENSIVE PROTECTION OF CRITICAL & SENSITIVE INFRASTRUCTURES

Description of the expertise

As a designer and builder of security solutions, we provide a comprehensive and integrated approach dedicated to protecting and ensuring the resilience of sensitive sites and critical infrastructures (defense, industrial, energy, port, institutional) against physical, technological and hybrid threats.

Our multi-layer architectures combine detection, deterrence, access control, supervision and rapid response within hardened infrastructures. They ensure the protection of people, facilities and data while guaranteeing business continuity and resilience of critical systems.

Strengths

Recognized expertise in defense environments and critical sectors, Hardened infrastructures (shelters, Faraday cages, protected facilities), Capability to address multi-domain threats (intrusion, sabotage, drones, blast, EMP, CBRN), Interoperable, scalable and resilient solutions, Comprehensive competencies in civil engineering, secured networks, command systems, High level of customization and regulatory compliance, Full support through operational readiness maintenance

Application Areas

Protection of defense sites and sovereign infrastructures, Securing sensitive industrial facilities (energy, nuclear, defense), Protection of critical infrastructures (ports, airports, networks), Protection of command centers and strategic installations

Let's Discuss Your Security Challenges



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CILAS, a company specialising in lasers and optoelectronics, develops, manufactures and markets a wide range of sub-assemblies, products and systems for defence, civil and military security, major scientific laser programmes, and scientific and industrial instrumentation.

HELMA-P, C-UAS LASER WEAPON



HELMA-P is a laser weapon designed for a wide range of operations : protection against direct FPV drone attacks, whether in a centralised defence system or in self-defence contexts.

Typical usecases are to protect sensitive areas (military base, airports, logistics areas, critical infrastructure, etc.) or strategic events like national events, international summits, etc.

HELMA-P was deployed successfully in 2024 at the Paris Olympic Games.

Capabilities :

- Identifies, tracks, targets and neutralizes moving targets up to 1 km
- hits targets with a 100% success rate with a spot of a 2cm diameter
- Discreet, undetectable, and precisely controlled laser beam, no collateral damage.
- Deployment in less than two hours.
- System onto a vehicle and connected to C2 systems
- Shoot are quite free cost



HELMA-LP, MAN PORTABLE LASER WEAPON



The HELMA-LP laser weapon is a technology designed for a wide range of operations: in short range C-UAV, C-IED, support weapon for special forces.

Typical usecases are :

- Short range C-UAS : embedded on a turret, with fine tracking it can reach and dazzle or neutralize FPV drones until 500 meters.
- Support weapon for special forces : handled or on tripod, it can be used to burn or discreetly destroy ground targets in special operations.
- Counter IED, mines and explosives : especially useful for the engineer branch of military, it enable troops to burst any explosives in a short time preventing the use demining assets.

Features :

- Easy to use
- No noise and no visible beam
- Free cost of a shoot
- 100% success rate for hits on aimed targets.



ASTRA, LASER TARGET DESIGNATOR



Astra : tripod laser target designator short and long range

For JFO (Joint Fires Observer) and JTAC (Joint Terminal Attack Controllers).

Combat proven, used by th French armed forces

Compatible with all types of laser-guided weapons (bombs, rockets, shells), both NATO and non-NATO, and complies with STANAG 3733.

Astra-SR and **Astra-LR** : two products depending of the power for short and lang range

Capabilities :

- Allows to designate targets with meter-level precision, while avoiding collateral damage
- Targets up to 3 km or 10 km dependinf of the Astra type
- Optimized weight and maneuverability
- Compatible with external hub
- Camera designator combo : through standard interface, can be connected to external devices, such as Seespot
- ITAR free

For **Astra-SR** :

- Near-infrared pointer for precise targeting
- Optional integrated digital magnetic compass



QUASAR, LASER TARGET DESIGNATOR MODULE



Module for EO (electro-optical) very-long and ultra-long range sights

Quasar-LR : designed for integration into airborne and land platforms (helicopters, UAVs, APC).provides brigade-level units with the ability to designate and engage high-value targets with meter-level precision through guided munitions.

Has been integrated in EO sights (class Euroflir™ 410 of SAFRAN) for aircraft and ground vehicles (like GRIFFON VBMR).

Combat proven, used by th French armed forces

Quasar-XLR : Designed for integration into airborne platforms such as combat helicopters (e.g. Eurocopter Tiger) and UAVs (MALE), is able to range and guide ammunitions in order to destroy high value targets with a meter level precision.

Integrated in ultralong-rangeelectro-optical systems (class Euroflir™ 610 of SAFRAN) designed for MALE RPAS (Remotely PilotedAircraft System), helicopters, ISTAR plateforme.

Compatible with all types of laser-guided weapons (bombs, rockets, shells), both NATO and non-NATO, and complies with STANAG 3733.

Capabilities :

- Engages targets at a long or extra long range stand-off
- Optimized weight and maneuverability using advanced technologies
- Allows the combat aircrew to designate targets with meterlevel precision, while avoiding collateral damage
- ITAR Free



CNIM SYSTÈMES INDUSTRIELS

As a major partner in the defense and security industry, CNIM Systèmes Industriels has been supporting armed forces since 1856.

CNIM Systèmes Industriels provides support to armed forces in their missions and offers a range of reliable equipment and solutions, fully tested and at the leading edge of technology.

Our solutions aim at strengthening military operational capabilities, mainly for combat engineering units, in terms of: **gap crossing, route clearance, terrain preparation, mobility & counter-mobility**. CNIM Systèmes Industriels has also developed a **modular armoured cab** to meet the challenges of armoured and protection. The ArmorX provides optimal protection for armoured vehicles by factoring in the need for lighter solutions.

CNIM Systèmes Industriels : support & protect mobility, secure the advance.

PFM | MOTORIZED FLOATING BRIDGE



The Motorised Floating Bridge (PFM) is designed to allow military vehicles to cross waterways (lakes, rivers). It is a unique solution due to its speed of deployment and ability to meet multiple challenges in the theatre of operations.

In order to meet the different operating concepts, two main configurations are available: a fixed bridge (continuous crossing) or a ferry (discontinuous crossing), plus a range of equipment options with up to MLC 90T/100W capability.

The PFM has been used by the French Army for nearly 30 years and is also the preferred crossing solution used by the armed forces of several other countries (Italy, Switzerland, Malaysia): more than 5,500 metres of bridge length are currently in service worldwide. The next-generation PFM designed for crossing by the heaviest vehicles enters service with the Polish armed forces. It will also be supplied to the French Army: indeed, in late 2025 the French Defence Procurement Agency (DGA) awarded the SYFRALL contract.

The PFM stands out for its ability to carry the heaviest vehicles used by the armed forces, its rapid deployment, manoeuvrability, reduced logistics and personnel footprint and, last but not least, by its versatility in both military and civilian applications (natural disasters).



REMOTE CONTROL SYSTEM - TAKE FULL CONTROL



The Remote Control developed by CNIM Systèmes Industriels is a **highly secured control console** for demanding sectors. **Tried and tested during military operations**, it provides complete satisfaction to users. It's an integrated solution, 100% customizable.

Main characteristics :

10-inch screen > 1920x1200 multi-point | Connexion full compliant MIL-DTL-38999 | Ethernet or fiber-optic link | NATO battery | Easy integration of specific mission modules | ETouch screen & Hard button redundancy.

Key performances :

AIP 66 | EMC AECTP 500 | High impact resistance MILSTD810H | Vibratory compliance AECTP 400 | "Dead man" security on the handles | From -32°C to +44°C



ARMORX



ArmorX by CNIM Systèmes Industriels is a modular solution capable of adapting to changing threats in order to ensure passenger survivability. In view of today's high-intensity conflicts, it is essential to offer forces optimal and appropriate protection.

The modular armoured cab is a 100% CNIM Systèmes Industriels product, from design through scale-up to manufacture. It provides protection against anti-tank mines, improvised explosive devices (IEDs) and ballistic fire. Certification STANAG 4569

From cab to complete system: CNIM Systèmes Industriels teams support the development of the complete system according to the needs expressed by the different service forces.



CTA INTERNATIONAL

CTA International (CTAI) is the Design Authority for the 40 mm Cased Telescoped Armament System (40CTAS) comprising the weapon system and the suite of 40CT ammunition. CTAI is dedicated to development, production and Through Life Support of the 40CTAS for its users and licence holders. The 40CTAS and its suite of ammunition are ITAR free, and available for technology transfer, a strategic advantage for nations seeking sovereignty. The 40CT suite of ammunition are certified to NATO AEP 4749.



THE 40CTAS



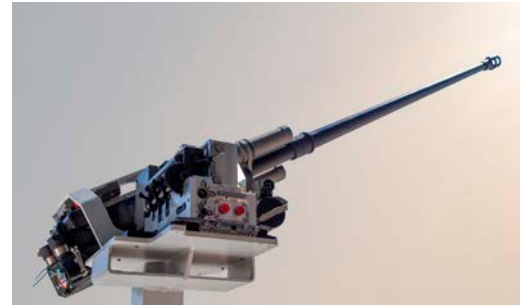
CTAI has developed a revolutionary medium-calibre weapon system, the 40CTAS, which provides a paradigm shift in performances.

A true multi-domain system for operations with low maintenance requirements, and ease of integration into platforms for either new or existing systems. The 40CTAS is designed for land and naval applications, from armoured platforms to land and naval anti-air solutions. It provides lethality advantage and superior firepower over any other Medium-Calibre system.

The 40CTAS can use all available 40CT ammunition within a single Ammunition Handling System (AHS), giving users the capability of first round response to quickly engage the spectrum of threats encountered across the modern battlefield. The 40CTAS improves survivability by allowing forces to engage from greater ranges. It is capable of effective fire against air-targets, out to 4km, with a lethal effects at or beyond 3km on land for move-to-move ground engagements (utilising stabilised coincident firing). The 40CTAS is highly reliable, having removed the need for ammunition links and case extraction device. Being mechanically and electrically operated - no oil, no gas - the maintenance burden is very low minimising the downtime of platforms.

Chosen by the UK, France, Belgium and Luxembourg, the 40CT technology is now a reference medium-calibre solution for next-generation systems.

40CTAS: Lethal, Available, Multi-domain



40CT SUITE OF AMMUNITION



CTA International has developed a dedicated 40 mm CT ammunition suite for the 40CTAS. This ammunition suite offers compactness and lethality to the end-user and constitutes a true revolution on the modern battlefield. It also provides a solution for each mission scenario.

The key feature that defines the "Telescoped" technology and differentiates it from conventional medium calibre munitions is that the projectile is located inside the cylindrical cartridge case, and is surrounded by propellant. Compared to a conventional cartridge, the 40CT design is more compact, easier to handle with a simple cylindrical volume, and its length is reduced, optimising the kinematics of the weapon, the storage volume in the vehicle, and logistics.

The suite of ammunition is designed to meet every scenario in the land and naval domains, including explosive, kinetic, (both with or without air-burst function) and training options.



DAHER

Aircraft manufacturer, industrialist, industrial service provider and logistician, Daher today has 14,500 employees for a turnover of 1.9 billion euros in 2025. With its family ownership, Daher has been focused on innovation since its creation in 1863. With locations in around seventeen countries in Europe, North America and Asia, Daher designs and develops value-added solutions for its aeronautical and industrial customers and partners, serving both civil and defense markets.



OPERATIONAL SHELTERS FOR COMMAND, CONTROL AND COMMUNICATIONS



Daher designs and integrates mobile, secure operational shelters, dedicated to command, control and communications (C2/C3) functions from the ground. Serving as deployable command posts, they enable the conduct and coordination of operations in demanding environments.

Based on 20-foot ISO steel shelters, compliant with CSC, ISO and STANAG standards, these shelters are designed for operation in harsh conditions, including extreme climates, and meet defence requirements in terms of protection, reliability and availability.

The internal layout separates an isolated operator area from a dedicated technical area, ensuring continuity of command and communication functions and protection of sensitive equipment. Easily transportable and deployable, the shelters integrate standardised handling solutions, energy autonomy, electrical and air-conditioning systems, and safety equipment.

Thanks to their modular design, these shelters can host a wide range of communication and decision-support systems, adapting to the needs of tactical command centres and deployed headquarters.



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DAVEY BICKFORD DEFENSE

Within Davey Bickford S.A.S, the DBD entity has been designing, manufacturing and selling pyrotechnic initiation devices and systems for defense and safety markets for more than 40 years.

We are a human-sized organization of passionate experts with strong expertise in energetic and pyrotechnic initiation solutions.

Our products are safe, effective and tailored to meet the specific requirements of the missions of land, air and naval forces. We provide a wide range of components for artillery fuses, EOD, missiles and ammunitions.

PRIMERS FOR ARTILLERY APPLICATIONS

DBD offers a complete range of miniature initiators for artillery fuses, which can be declined in instant and delayed initiation.

The products are available in two ranges: electric (micro-detonator) and non-electric (stab detonator [M55 model,....], flame primer,)

DBD also sells detonating relays.

In addition to the adaptation of each component, regarding models and clients' needs, DBD can integrate its components into a larger part assembly (e.g ignition train).



© Davey Bickford Defense

ELECTRIC DETONATOR 1A/1W

DBD's iconic product, the F3 model of electric detonator, can be used, as examples, for demining operations, shock start breaching systems and for destruction-demolition operations.

This product is known for its safety standard "1A1W", its 1.4x division, its tactical M2A1 packaging as well as its enhanced safety individual packaging.



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DELAIR

Delair, a French pioneer in UAV technology, has developed 5 generations of professional drones for Intelligence, Surveillance, Target Acquisition, and Reconnaissance (ISTAR) missions. Our portfolio includes fixed-wing, multirotor, ROVs, and loitering munitions, offering robust solutions. Trusted worldwide Delair combines innovation and reliability to support defense and critical missions with cutting-edge.

OSKAR – LOITERING MUNITION SYSTEM



OSKAR – + 30 min endurance | + 30 km communication range | KNDS 2.3 kg warhead | 5 min deployment

OSKAR is a DELAIR loitering munition system designed for precise and responsive tactical strike missions. It enables deep engagement capabilities against light vehicles and personnel targets. The system can be hand-launched with payload installation completed in seconds. Human-in-the-loop supervision ensures flexible engagement while reducing collateral damage.

OSKAR remains fully operational in GNSS-denied or RF-jammed environments thanks to Smart Shield technology. It also provides persistent surveillance, automatic target tracking, and rapid target acquisition. Control is performed through the hardened MIURA-D ground station with robust datalinks and an intuitive Tap-to-Target interface.

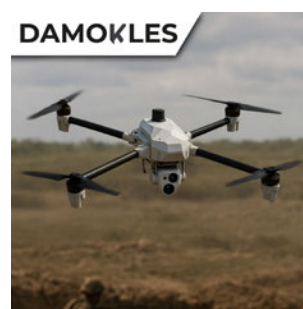


DAMOKLES – LOITERING MUNITION SYSTEM



DAMOKLES – +30 min endurance | +8 km range | 3.6 kg total weight (KNDS warhead included) | 5 min deployment

DAMOKLES is a loitering munition designed for precise, responsive and highly mobile tactical strike missions. It integrates a precision warhead supplied by KNDS, effective against light vehicles and personnel targets. Designed for vertical take-off in confined areas, it is easily transportable in a lightweight and rugged backpack. DAMOKLES remains operational in GNSS-denied or RF-jammed environments thanks to Smart Shield technology while ensuring operator safety. Its onboard intelligence enables persistent surveillance, real-time target acquisition and automatic target tracking. Control is managed through the MIURA-D ground station with secure communications and an intuitive Tap-to-Target interface.



MUTANT XL - LOITERING MUNITION SYSTEM



MUTANT XL – +60 min Endurance | +50 km Communication range | 16 kg weight (MBDA anti-tank warhead included)

MUTANT XL is a loitering munition designed for long-range, high-impact tactical strike missions, enabling beyond-visual-line-of-sight engagements. Developed jointly by Delair under the LARINAE program for the Agence Innovation Défense, it combines advanced strike capabilities with operational flexibility. It features advanced image processing and terminal guidance for highly accurate target engagement. The system supports human-in-the-loop operations with live video feedback for controlled and precise strikes. Powered by an electric fixed-wing platform, it can operate day or night. Its warhead derives from Akeron technology, optimized for anti-tank and anti-armored vehicle missions.



DRAKO : UNIVERSAL GROUND CONTROL STATION



DRAKO (Drone Remote Access Command & Control for Operations), provides a unified command-and-control interface for mission planning and anticipation. Compatible with STANAG 4609 and major European drone manufacturers, it enables multiple drone types to be controlled from one platform. It centralizes field data, flight plans, and tactical information to support rapid decision-making. Its tools assess risks, adapt routes, and anticipate events in real time. Already used by French, Ukrainian, and other European armed forces, DRAKO is a key asset in modern operations.



EOLE, THE ALL-IN-ONE SMART SOLUTION FOR DRONE MAINTENANCE



EOLE is an innovative, comprehensive, simple, agnostic, and secure solution designed to optimize the deployment and maintenance of your drone fleet.

EOLE combines DRAKO (a universal ground station capable of operating most drones on the market: simulation, mission planning, and flight log recording) with MYDELAIR (a cloud-based fleet maintenance optimization solution that provides quick access to drone documentation and flight data). DRAKO and MYDELAIR are enhanced by an interactive multimedia system dedicated to training and support, featuring an augmented reality function developed in partnership with **PICOMTO**.



ODIN – TACTICAL ANTI-RADAR UAV



ODIN – 40 min endurance | 30 km encrypted range | 2.35 kg weight | <5 min deployment | 54 km/h cruise speed

Tactical anti-radar UAV

Real-time radar deception system capable of generating false targets to protect high-value assets.

Operates day and night, including in RF/GNSS-denied environments thanks to Smart Shield technology.

Easy to transport in a rugged backpack (79 * 43 * 35 cm) and low-noise, remaining silent from 300 m.

Hand launch and belly landing on a reduced area (5 * 5 m), suitable for BVLOS missions.

Designed for harsh conditions and light rain.

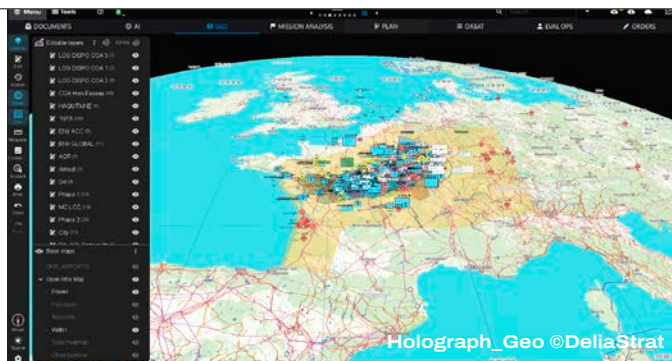


DELIASSTRAT

Founded in 2019 by two former Infantry officers, DeliaStrat specializes in collaborative strategic planning and AI tools for military staffs.

By Ops for Ops, Holograph bridges the gap between operations and technology, providing the tool its creators wished they had during operations to analyze situations and speed up decision-making.

Holograph has been used by the French Ministry of Armed Forces since Spring 2020 and received the "As Used by French Armed Forces" label in 2023.



Holograph_Geo ©DeliaStrat

HOLOGRAPH



Holograph is a collaborative software for multi-domain operational planning, compliant with NATO standards.

By ops for ops, Holograph aims to enhance command performance and decision-making superiority. It enables all functions of a headquarters to collaborate at every stage of the plan, from mission analysis to produce orders and synchronize effects. It offers next-generation generative and agentic AI capabilities to accelerate processes and inform decision-making.

KEY FEATURES

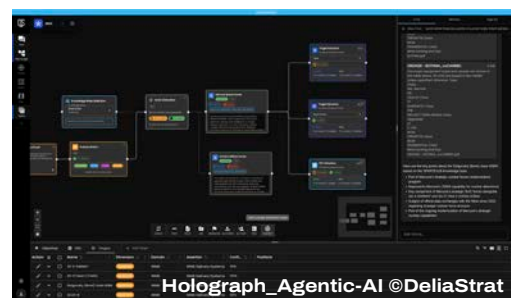
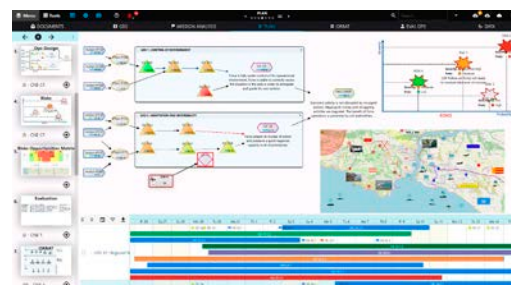
- Collaborative software for multi-domain operations planning, compliant with NATO standards.
- Client-server architecture with high resilience for collaborative capabilities.
- State-of-the-art generative and agentic AI (RAG, reasoning, knowledge graph), Agent-based AI oriented for mission analysis and targeting.

OPERATIONAL BENEFITS

- Enhances command performance by providing commanders with a clear, dynamic, and explainable operational picture.
- Integrates all staff expertise to collaboratively produce each phase of the Plan, from mission analysis to produce orders and synchronize effects.
- Strengthens decision superiority at every stage of planning through next-generation generative and agentic AI capabilities for Mission Analysis et targeting : accelerating processes, supporting decision-making, and mastering operational complexity.

REFERENCES

- In use by the French Ministry of Armed Forces since 2020. Officially labeled as "Used by the French Armed Forces."
- Accredited for Restricted, French Special Secret, and Secret classification since 2021.
- Deployed at the French Joint Staff, French Army, French Navy, and French Air and Space Force.



Holograph_Agentic-AI ©DeliaStrat

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DELMON GROUP

Delmon Group is a trusted partner in the defense industry, with over 40 years of experience, designing and manufacturing high-performance rubber and metal solutions for sealing and vibration control. Our expertise covers the entire value chain – from elastomer formulation to precision machining – ensuring the highest level of reliability for demanding environments.



ANTI-VIBRATION SOLUTIONS



Delmon Group offers anti-vibration solutions designed to reduce vibration transmission, minimize noise, and improve comfort.

These products are engineered to withstand harsh operating conditions and meet stringent safety requirements.

Delmon Group's expertise in elastomer formulation, metal-rubber assemblies ensures high-performance solutions that deliver safety, reliability and long-term performance.



MACHINING SOLUTIONS



Delmon Group has continuously developed its mechanical engineering expertise, initially through the manufacture of tooling and metal inserts.

This know-how has been further strengthened through the precision machining of inserts for highly demanding applications.

Today, Delmon Group's EN 9100-certified manufacturing facilities provide advanced machining capabilities, enabling the company to meet the highest quality and performance requirements of its customers.



SEALING SOLUTIONS



Delmon Group develops sealing solutions designed to prevent air and gas leakage, fluid contact, and fire propagation.

The company's products provide effective protection against external aggressors such as particles, hydrocarbon fluid splashes, and exposure to extreme temperatures.



THERMAL PROTECTION



Cork composite solutions act as an ablative thermal protection material, absorbing heat flux through controlled surface degradation while keeping the backside temperature within acceptable limits for the protected structure. It is used in space, land defense, and naval programs requiring high-performance thermal protection.



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DIXI MICROTECHNIQUES

As a designer and manufacturer of safety devices (SAD) as well as mechanical fuzes for all types of ammunition, and a wide range of micro-engineering solutions for the defense industry, DIXI Microtechniques develops products that meet the highest standards of both specific and standardized requirements. Among its leading innovations, DIXI Microtechniques offers fuzes for Drone ammunition.

FUZES AND SAFETY & ARMING DEVICES



DIXI Microtechniques develops its own products based on identified market needs, or in partnership with the main European ammunition manufacturers and thus provides mechanical fuzes and safety devices for all types of ammunition, meeting the most modern operational requirements and standards.

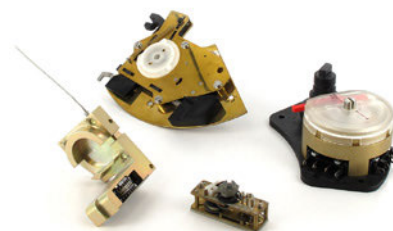


A RANGE OF PRODUCTS & SERVICES TO MEET MARKET EXPECTATIONS



- Mechanical PD/DLY fuzes for :
 - Navy and Land artillery ammunitions from 76mm to 155mm calibers
 - Artillery ammunitions for 122mm, 130mm and 152mm calibers
- Mechanical MT/MTSQ fuzes for navy and land artillery ammunitions from 76mm to 155mm NATO calibers
- Mechanical PD/DLY fuzes for 60mm, 81mm and 120mm mortar ammunitions
- Mechanical PD/SD fuzes for medium calibers ammunitions from 20mm to 57mm
- Fuzes for Rockets
- Safety & Arming Devices
- Various safety devices for missiles
- Inertial initiation devices

- DIXI Microtechniques is equipped with its own :
 - R&D department
 - Simulation capacities
 - Independent testing laboratory dedicated to environmental tests and pyrotechnical tests applicable to all types of equipment.



MTO / FOCAL AND FOCAL DUO FUZES



FOCAL is a mechanically actuated fuze designed for ammunition exceeding 50mm in diameter, designed for drone deployment. A cap, to be removed before firing, ensures the waterproofness and protects sensitivity of the fuze during logistic.

FOCAL DUO is a mechanical impact fuze designed to equip any type of ammunition with a diameter greater than 50mm for drone use. The safety sleeve, to be removed before firing, ensures the tightness and preserves the sensitivity of the fuze during the logistics phase. FOCAL DUO is equipped with a double safety of armament in flight as well as information feedback on the state of armament of the fuze.



ECRIN SYSTEMS

50 Years of Expertise in Mission-Critical Embedded Systems

Design, integration and industrialization of rugged computing solutions for critical environments.

ECRIN Systems supports its customers in the industrial, defence, energy and transport sectors by offering them innovative, robust and sustainable solutions.



NANOONYX



Ultra Small, Low Power & Modular Rugged Computer

Based on the latest generation of Intel processors and qualified according to the military equipment environmental standards (DO-160, MIL-STD-810 & MIL-STD-461), the nanoONYX is a low-power, rugged, and scalable computing solution for air, land and sea systems.

Being the most compact of a complete range of rugged computers, the nanoONYX is ideal for any demanding application requiring both high performance in a dense passively cooled system and the support of functions such as AI, graphics, and cybersecurity.

With its modular and robust design, the nanoONYX offers the embedded market a completely mil-qualified and customizable solution benefitting from a long-term support.



ONYX-AGX



Rugged AI computing for real-time vidéo analytics

ONYX-AGX is a ruggedised edge AI computer designed to meet the demands of critical embedded applications requiring intensive real-time data processing. Specifically designed for video analysis and object recognition, it is based on an advanced hardware architecture derived from the NVIDIA Jetson AGX Orin Industrial module.

Thanks to its combination of computing power, connectivity and robustness, the ONYX-AGX fits naturally into environments where operational constraints are severe and data processing demands are high.



QUARTZ



Rugged 10 ports Ethernet Switch

The Quartz is a cutting-edge rugged switch designed for performance and reliability in challenging environments. This robust solution features Gigabit and 10 Gigabit Ethernet ports, with configurations supporting up to 8 copper and 2 optical ports, ensuring flexible connectivity for various network setups.

Built to endure extreme environmental conditions, it guarantees reliable and resilient operation, even in the harshest industrial or outdoor settings.



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ELECDAN

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).

SECURE REMOTE CONTROL OF COMPUTERS AND DISPLAY MANAGEMENT ON VIDEO WALLS.



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 and services

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



ELISTAIR

Created in 2014, Elistair designs and manufactures smart and automated tethered drone systems for ISR, border surveillance and tactical comms missions. Thanks to its micro-tether technology, Elistair solves the problem of drone battery life.

Our products are used by armed forces, civil security services and private companies in more than 70 countries.



KHRONOS TETHERED DRONEBOX



Khronos is a fully automated system including the tethered drone, tethered station, and its ground control station. It can be integrated into a fixed platform or a vehicle to safely enhance static or mobile operations and increase operational flexibility.

In critical environments, interruption is not an option. Khronos is airborne at 60 meters in under 2 minutes and holds position for 24 uninterrupted hours, delivering continuous, actionable aerial intelligence wherever the mission demands it.

- GNSS Denied
- RF Silent
- Fully automated
- Target tracking and categorization
- "Follow-me" function
- API Mavlink, ATAK



SAFE-T 2 - SMART TETHERED DRONE STATION



Safe-T 2 is an advanced tethered station for UAVs, offering real-time persistent observation and surveillance capabilities.

When operations cannot afford downtime, the Safe-T 2 keeps drones in the air for hours. Powering platforms up to 100 meters through a micro-tether, it delivers continuous overwatch, secure data transfer, and unlimited endurance, even in the most demanding environments.

Compatible with multiple drones and payloads on the market, it is especially suited for day-night aerial surveillance and telecommunications (Fiber optics, 4G, Wi-Fi, radio).

Field-proven worldwide :

- 2000+ units deployed on all continents
- 500+ users including the US Army



ELNO

Elno is a manufacturer of electro-acoustic and communication equipment: headsets, microphones, intercom, Public Address, and on-board passenger information. Elno specialises in the design and manufacture of communication systems for complex environments. Historic technological know-how and a strong capacity for innovation have enabled Elno to be a privileged partner of the French Army.



ELIPS™



A Combat Proven system deployed globally, ELIPS™ redefines critical communications for all armored platforms, from APCs to Main Battle Tanks.

- Absolute Resilience: Distributed intelligence architecture with no central unit, ensuring maximum survivability in high-intensity combat.
- Total Versatility: Native compatibility with analog, digital, and VoIP systems.
- Integrated Power: Comprehensive digital library (audio/radio functions) and advanced multi-conference management.
- Agile Integration: Simplified installation via PoE or dedicated power cabling, making it the ideal solution for both new builds and modernization (Retrofit) programs.



OPTIONE



The OPTIONE headset redefines tactical communication standards. By leveraging cartilaginous conduction technology, this system keeps the operator's ears completely unobstructed, ensuring total situational awareness and constant environmental alertness.

Combining rugged durability with an ultralight design (only 130 g), OPTIONE delivers exceptional 3D audio immersion and clarity, even when used with hearing protection. It fits seamlessly under any combat helmet or CBRN mask, guaranteeing crystal-clear communication in the most extreme environments.



VH586



Engineered for extreme noise environments (110 to 125 dBA), the CABA headset ensures crystal-clear communication and total physiological protection for armored vehicle crews.

- Hearing Preservation: Patented Active Noise Reduction (ANR) system, specifically optimized for low-frequency engine noise.
- Operational Comfort: Fireproof soft helmet, fully adjustable and NBC mask compatible.
- Tactical Durability: Phonic protection shells with optional anti-shock and ballistic reinforcement (MIL-STD-810E).
- Universal Interface: Direct connection to military radios or intercoms, featuring wide-range power supply compatibility.



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Designer and manufacturer of energy conversion systems for severe environments for over 80 years, ENAG supplies a wide range of products dedicated to defence applications. Working closely with our customers, our solutions are developed and qualified according to demanding operational requirements, including thermal performance, EMC compliance, shock and vibration.

Our AC and DC power systems are deployed in critical applications such as weapons systems and communication systems, where they are recognised for their quality, reliability and long term performance.

Our R&D, Sales, Production, Quality and Customer Services teams assist customers through every phase of a project, from initial design and qualification to commissioning and in-service support (ISS) / operational maintenance.

ENERGY SYSTEMS



The **Energy Systems** developed by ENAG include **battery chargers, DC/DC and DC/AC** converters as well as power and distribution boxes. Connected to the vehicle supervision system, ENAG solutions are capable of transmitting alarms and status information related to the overall system, the battery condition and output status.

Designed for installation on armed military vehicles, our systems are mounted on shock absorbers and engineered to meet stringent Army requirements and applicable military standards including MIL-STD, STANAG and EMC standards such as MIL STD 461.

ENAG products are customised to meet each customer's specific operational and application requirements

Input voltage sources

- Available AC Grid network
- Vehicle alternator
- Vehicle batteries

Output voltage

- 28VDC
- 48VDC
- 230VAC
- other voltages available on request



ENERGY SYSTEMS - DISTRIBUTION BOXES



ENAG design and manufacture distribution boxes as part of our Energy Systems solutions. These distribution units are engineered to simplify and optimise the cabling of the various electrical networks integrated within military vehicles. Designed for harsh operational environments, they ensure reliable power distribution while facilitating installation, maintenance and system integration.



EVERAXIS AEROSPACE & DEFENSE

EVERAXIS is a global specialist in high-performance rotating solutions for demanding applications supporting operations safety and continuity across defense, aerospace, energy and industrial markets.

The company designs and manufactures custom slip rings, RF rotary joints, fiber-optic rotary joints, actuators and integrated rotating systems enabling reliable power and data transmission for mission-critical surveillance, detection, and counter-UAS systems.

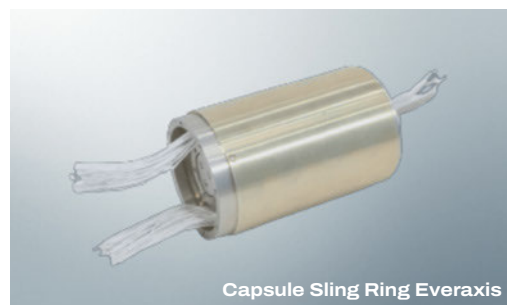
EVERAXIS technologies operate in harsh and critical environments, from offshore and mobile platforms, subsea to satellites.

SLIP RINGS



EVERAXIS has decades of expertise in high-reliability electromechanical transmission for critical rotating systems.

Slip Rings can be delivered as standalone units with fully customized configurations (circuits, power levels, signal types, materials, interfaces etc.) or integrated into hybrid electro-opto-RF assemblies combining multiple technologies within a single rotating module. Slip Rings are a core element of EVERAXIS's mission-critical communication and power-transfer capability. Our solutions ensure continuous transmission of power and data, low electrical noise, long-life reliability, and robust performance in harsh environments.



Capsule Sling Ring Everaxis

RF ROTARY JOINTS



EVERAXIS is the market leader and supplier of choice for integrated waveguide assemblies, passive microwave components, RF Rotary Joints and rotating subsystems to the military and commercial radar and satcom markets. Working together with customers to create tailor-made solutions optimized to meet their needs has been the EVERAXIS business model for more than 70 years.

EVERAXIS has a robust aftermarket offering including full warranty services and spare parts to further extend the market-leading life span of our products.



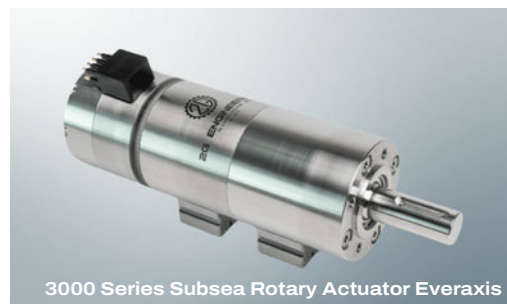
RF Rotary Joints Everaxis

3000 SERIES SUBSEA ROTARY ACTUATOR



The 3000 Series Subsea Rotary Actuator delivers high torque and reliable rotary motion for a wide range of underwater and topside applications. Capable of producing a peak force of 120 ft-lb and a peak speed of 50 RPM, this actuator is ideal for process control valves, control surface actuation, and underwater winch systems.

In addition, it operates efficiently in harsh environments, including subsea depths exceeding 6,000 meters.



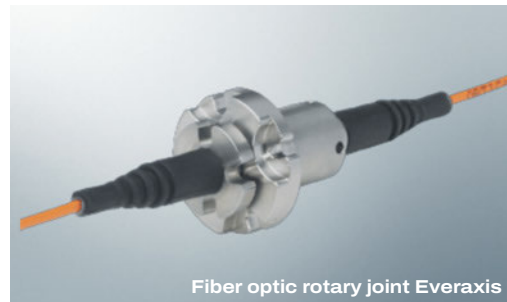
3000 Series Subsea Rotary Actuator Everaxis

FORJ (FIBER OPTIC ROTARY JOINTS)



EVERAXIS has more than 20 years of expertise in optical technologies for high data rate signal transmission. FORJ (Fiber Optic Rotary Joints) can be supplied as a stand alone product with customized characteristics (wavelength, connectors, fiber characteristics, etc.) or combined into a hybrid opto-electrical slip ring with contact or contactless technologies.

Our FORJ provide fast Ethernet transmission (from 100 Mb/s to 10 Gb/s), low latency, high speed rotation (200 rpm max) and total EMI immunity. They are maintenance-free.



Fiber optic rotary joint Everaxis

EVERAXIS®

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Eviden, an Atos group brand, designs innovative, connected, and secure solutions for defense and security organizations. Eviden's systems combine the best information and communications technologies, tailored to critical environments. Eviden provides defense decision-makers and operators with solutions to optimize the operational availability of resources, systems, and data, support decision-making, and coordinate forces in the battlefield. Eviden develops end-to-end solutions based on secure and resilient data processing, deployed to address multi-domain operations (land, air, sea, space, and cyber). Eviden systems make it possible to meet the challenges of collaborative combat with C2 operational information systems, tactical communications, defense electronics, cybersecurity, and signals intelligence.

TACTICAL SITUATIONAL AWARENESS AND FORCE COORDINATION



SICS is a Battle Management System, enabling real-time sharing of the tactical situation at Battle Group level between ground units, vehicles, command posts and Army Aviation (ALAT), to ensure agile and efficient combined-arms coordination. Designed with interoperability for allied forces, SICS supports operational and digital convergence in coalition environments.

P3TS is a PNT multi-constellation, multi-frequency to extend Blue Force Tracking (BFT) to non-digitized units and platforms.

ECHO is a hybrid tactical IP radio (radio + LTE) designed to deliver secure and resilient voice and data communications, ensuring IP connectivity as close as possible to deployed units, even in degraded environments.

The Digital Soldier System (DSS) is a tactical communication solution deployed on rugged equipment such as smartphones, tablets and computers allowing secure exchanges between soldiers.



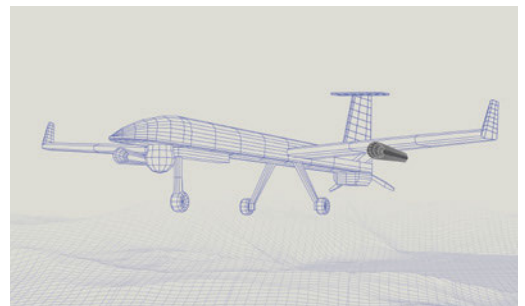
AVANTIX, SIGINT SOLUTIONS FOR MULTI-DOMAIN OPERATIONS



• **Tactical SIGINT sensors:** feeding an electromagnetic tactical picture through a C2 system using compact, platform agnostic and high-performance tactical SIGINT sensors deployable across multiple platforms: UAVs (from light tactical drones to MALE UAVs), autonomous vessels, light aircraft, vehicles, or in unattended sensor configurations.

• **Enhancing and consolidating Space Situational Awareness (SSA)** by enabling the convergence of LEO SAR and LEO COM assets, supporting the transition from a “blind” mode to a “oriented” mode—critical to building a comprehensive space common operational picture (COP) and enriching Space C2 centers.

• **ELIT AI:** an AI-enhanced EW sensor delivering real-time radar tactical awareness, with faster visualization and identification of complex, next-generation radar waveforms, in addition to conventional threats.



CYBER SECURE CONNECTIVITY AND INTEROPERABILITY



• **The MLS Gateway portfolio** provides sovereign, modular solutions to ensure cyber-secure connectivity and controlled data exchange between critical systems operating at different security levels (multi-level) or across equivalent classifications (multi-domain).

• Eviden **HSMs**, combined with its next generation key management system (**KMS**), form a sovereign trusted foundation for securing a tactical data hub.



EXAIL

Exail is a leading high-tech industrial company specializing in navigation, positioning, autonomy, and robotics technologies for modern land defense. With complete mastery of its in-house technologies, Exail delivers combat-proven solutions ranging from tactical inertial navigation systems (INS) to advanced robotics systems. With a global footprint and 2,200+ employees, the company equips more than 20 armies worldwide, ensuring maximum safety, situational awareness, and mission success on the battlefield.

exail

INERTIAL NAVIGATION SYSTEMS



Built upon Fiber-Optic Gyroscope (FOG) technology, Exail Advans Series inertial navigation systems (INS) deliver precise, north-finding navigation and pointing, even when GNSS signals are denied or unavailable. Optimized for SWaP-C and fully ITAR-free, these scalable systems support a wide range of land platforms, ensuring continuous mission effectiveness in the most challenging operational environments.



INERTIAL MEASUREMENT UNITS



Exail's compact UmiX 40 is a high-grade Inertial Measurement Unit (IMU) designed for constrained UAV applications. Powered by north-seeking Fiber-Optic Gyroscopes (FOG) and vibrating quartz accelerometers, it delivers tactical-grade performance under challenging conditions. This ITAR-free solution supports both civil and defense missions, ranging from GNSS-denied navigation to precise payload stabilization, offering top-tier reliability in one of the market's smallest form factors.



exail

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EXAVISION

SEE SOONER. DECIDE BETTER.

A French SME and subsidiary of EQUANS, our company has over 35 years of expertise in designing and manufacturing advanced optronic solutions. We develop innovative optronic and software systems for land, coastal and maritime surveillance, delivering high-performance detection, recognition and identification capabilities to support reliable decisions, even in demanding environments. Combining French engineering and EO/IR technologies, we provide trusted visual intelligence for defence and security.



ADVANCED OPTRONIC SIGHTS FOR MODERN WEAPON STATIONS



We deliver state-of-the-art multi-sensor optronic sights designed to enhance the performance and competitiveness of our customers' weapon systems. Our solutions integrate high-resolution EO channels, IR sensors, eye-safe laser rangefinders to deliver precise target acquisition in all environments.

With a strong heritage in electro-optics and a mature industrial base, we provide integrators with qualified, ready-to-integrate, high-reliability, and mission-proven sighting solutions.

Our expertise spans sensor fusion, ruggedized design, and long-term product support, enabling us to accelerate our customers' development cycles while reducing technical risk. We work closely with integrators to ensure seamless mechanical, electrical, and software integration, supported by rigorous qualification processes and a proven track record in demanding operational contexts

A DIFFERENTIATED APPROACH BUILT ON 3 STRATEGIC PILLARS

• Optronic Expertise

Designed and manufactured in France, our advanced optronic systems combine high-performance electro-optical and infrared sensors to deliver reliable observation, threat confirmation, and target identification capabilities across a wide range of operational environments. Engineered for demanding weapon station applications, our solutions provide exceptional image quality, robustness, and operational reliability.

• Operational Efficiency

Developed with a focus on simplicity, reliability, and seamless integration, our sighting solutions enable rapid deployment and efficient operation in mission-critical conditions. Their optimized architecture supports effective system integration while contributing to reduced operational constraints and enhanced mission effectiveness.

• Lifecycle Support & Services

We support our customers throughout the entire product lifecycle, from system specification and integration support to qualification, training, maintenance, upgrades, and technical assistance. This comprehensive approach ensures long-term availability, sustained performance, and reduced ownership costs throughout the operational life of the system.



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EXOSENS

Exosens is a leader in the defense and surveillance markets, providing innovative and high quality products that meet the needs of its customers. In the defense market, Exosens' image intensifier tubes and hybrid power amplifiers give soldiers the tactical advantage they need to operate on the darkest of nights. In the surveillance market, Exosens' advanced imaging solutions propose a diverse range of imaging technologies covering a large spectrum of light, from below 300 nm Violet (UV), through Near Infrared (NIR), Short-Wave Infrared (SWIR), and Mid-Wave Infrared (MWIR), and up to 12,000 nm in the thermal spectral range Long-Wave Infrared (LWIR).

Exosens' low-light imaging products provide 24/7 surveillance in day/night conditions, ensuring that critical assets are protected.

IMAGE INTENSIFIER TUBE 5G



In a context where armed forces must constantly adapt to new challenges, Exosens offers its latest innovation, the **5G**, its most advanced image intensifier tube. Designed to deliver operational superiority in any condition, this innovation ensures precision, reliability, and performance.

The 5G represents a significant step forward in night vision: it establishes new benchmarks in observation range and image clarity, while providing unmatched light gain. With this technology, Photonis reinforces its leadership and paves the way toward a new era of military night vision.



IMAGE INTENSIFIER TUBE 4G+



The **4G+** image intensifier tubes meet the stringent requirements of modern warfare at night to deliver end-users a very high performance in all field conditions.

The 4G+ technology offers extended bandwidth for high image quality on all theatres of operation, a very fast auto-gating and a small halo providing more details around light sources. Thanks to a very high Figure Of Merit (FOM) and extended sensitivity, operators benefit from the best possible range in all types of environment.



CRIUS XP SERIES



The **Crius XP series** is a high-performance thermal imaging core for land and aerial defense platforms, optimized for SWaP-constrained vehicles and unmanned systems operating in demanding environments.



DIONE XP SERIES



The Dione XP series is a SWaP-optimized thermal imaging solution for land and aerial defense platforms, designed for reliable integration and operation in challenging operational conditions.



EXOSENS

NOXCORE HD



NoxCORE HD cameras are built for long-range surveillance and counter-UAS missions, designed for land, vehicle, and maritime systems. They combine advanced lens control and image processing for rapid radar detection confirmation and high-quality imaging in harsh conditions.



NOXCORE SD



NoxCORE SD cameras deliver advanced MWIR infrared imaging in compact systems. Sharing processing and interfaces with NoxCORE HD, they ensure easy integration and adaptability across the NoxCORE family.



SILICON PHOTODIODES



Silicon Photodiodes as quadrants and single element detectors provide fast, accurate and sensitive response in the 800-1064nm range for applications including designators, countermeasures and fuses.



GEIGER-MÜLLER TUBES



Geiger-Müller tubes detect and quantify radiation in hostile environments. ZP series tubes are selected for these measurements because of their robustness, sensitivity ranges and record of successful deployment. Energy compensated versions can detect and measure the personnel dose if any is received inside a fighting vehicle.



FACTEM

Based in Normandy, FACTEM is a French company, active in both civil and military sectors and particularly in the land field.

FACTEM designs and manufactures quality products for voice transmission in harsh environments.

The company controls all stages from design and development to industrialization, production and product life cycle management.

FACTEM wants to promote and get recognized the quality of its products and know-how, 100% «Made in France».



RSM80 : REMOTE SPEAKER MICROPHONE



The **RSM80** is a two-way remote speaker microphone designed for **communications in harsh environments**.

Its ergonomic design makes it intuitive and easy to use for the operator. FACTEM's expertise in acoustics and its R&D experience guarantee high-performance and robust products.

The **RSM80A** is meant for tactical radios, the **RSM80W** has integrated battery and can be used on smartphones, tablets and computers.

Both versions are already in used in various operation theaters in France and abroad.



COMMUNICATING HEADSET FOR HEAVY VEHICLE



With a noise protection - SNR - exceeding 35 dB and a reinforced Kevlar shell, FACTEM protective helmet range ensures high-quality communication in complete safety in noisy environments.

Widely used for flight deck operations, they are also used in armored vehicle to protect the user from the excessive ambient noise and shock whilst ensuring clear communications.



ALS125 : AMPLIFIED LOUDSPEAKER



The **large bandwidth** amplified loudspeaker **ALS125** has been specially designed for the reproduction of voice in demanding environments.

A special attention has been taken in the acoustic design to **optimize intelligibility** both in open field (outdoors, under tents, on boat decks) and in confined environments such as buildings, command rooms, armored vehicles.

Its high-efficiency allows **high acoustic levels** with low power consumption and volume control, ensuring clear audio in very noisy location.

With its **robust design**, it is compatible for use in all operation contexts and dual channels radios with integrated channel selection.



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FISCHER CONNECTORS

Since pioneering the world's first high-quality sealed circular connector, our Swiss-headquartered company has evolved into a full-service connectivity partner. As part of the Conextivity Group, we deliver solutions managing power and data from sensors and devices to the cloud and AI, enabling scalable cross-industry ecosystems. With 800 employees, three manufacturing sites, and a global partner network, we bring innovation and reliability to mission-critical connectivity.



DATA AND POWER HUBS



Our Fischer KEystone™ Series deliver high-performance 4- and 6-port tactical hubs, intelligent power management, and a full portfolio of rugged cable assemblies — standard or fully customized to your needs.

Engineered in Switzerland and built to MIL-spec standards, our technology provides unmatched ruggedness, reliable sealing, miniaturization, and high-speed data transmission — all backed by Fischer Connectors' global reputation for innovation and quality.



MANAGED POE+ SWITCH



Designed to offer an 8 port, full gigabit ethernet switch capable of providing up to 240W of power to active PoE (802.3af) and PoE+ (802.3at) devices, the Fischer managed PoE+ Switch is ideal for use in harsh environments and particularly suitable for land or maritime applications where it may be subject to shock, vibration or prolonged submersion.

IP68 up to 2m/48h fully rated sealed power supply. Extremely rugged housing. Full customization (including colors). Approved CE. Plug & play setup. Management OSI level 3. Optional: Ethernet to fiber optic converter.



MILITARY CONNECTORS



Through our tailor-made solutions in connectors, specific wiring and rugged electronics, our approach aims to improve the reliability, robustness, safety and discretion of equipment, while reducing weight and complexity for operators.

Fischer Connectors' Ultimate™ and Minimax™ Series delivering up to 10 Amps on AWG 22 can provide you with the high current necessary to fast charge your rugged devices. Our military connectors have been designed to meet MIL-SPEC standards so that they are intermateable with other military connectors and can be easily integrated into military devices.



Fischer Ultimate™ 80

Fischer Ultimate™ Series in size 15

CABLE ASSEMBLY



Fischer Connectors delivers end-to-end custom cable assembly solutions which meet the specific needs of your military application, from design support to final manufacture. Our experts tailor materials, connectors, and cable configurations to optimize form, fit, and performance, even in the most demanding environments. Whatever your application, we engineer reliable assemblies built to perform.



Part of Conextivity Group

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FLYING EYE

Flying Eye is a French company specializing in professional drones and anti-drone solutions. We support both public and private organizations with solutions tailored to their operational challenges. Our expertise covers security, defense, energy, and critical missions. We provide supervision, training, and integration solutions. Flying Eye has established itself as a leading drone industry player in France.

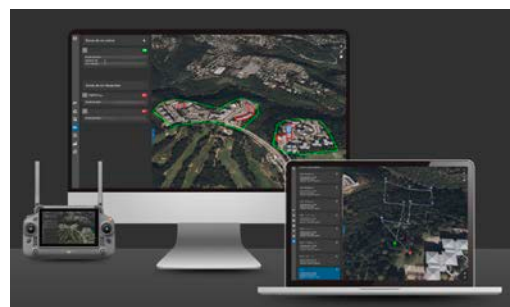


FLYING HUB



Flying Hub is a centralized command-and-control (C2) platform that enables the remote piloting, coordination, and supervision of drone operations. It provides real-time operational awareness by integrating drones, anti-drone systems, and field teams within a 3D mapping environment.

Designed for critical missions, it enables operational automation, mission planning, and fleet tracking. Secure and deployable on-premises, it ensures data sovereignty. Flying Hub stands out as a comprehensive solution to optimize the management and safety of aerial operations.



NEMESIS



The Némésis drone is a 10-inch FPV drone fully manufactured in France by Flying Eye, using European components compliant with NDAA standards. Designed with a foldable structure, it can be hand-deployed in approximately 10 seconds and features landing feet that allow it to be placed on the ground with its payload.

Built on components from the Orqa Defense range, it is equipped with an encrypted ORQA IRONghost radio link resistant to electromagnetic threats. The Némésis also integrates a terminal guidance system developed by the French company Alta Ares. In addition, Némésis features AI-powered capabilities.



OPPUS 30 AND 60



OPPUS-30 Drone Detection Scanner

The OPPUS-30 scanner is a cooperative drone detection receiver designed to identify compliant UAVs using electronic remote identification signals (Infodrones, Remote ID). It detects all drones weighing between 250 g and 25 kg, with support for multiple international regulatory standards. From Q3 2026, the minimum detection threshold will be reduced to 100 g.

Fully compliant with regulations in France, the European Union, the United States, Japan, and Singapore, the OPPUS-30 ensures reliable and standardized drone monitoring across multiple regions.

The OPPUS-60 version will also detect Drone ID signals (DJI-specific signals) to provide a comprehensive and cost-effective LAD solution for countering consumer drones, which are responsible for 90% of drone alerts currently reported across the national territory.



Innovative EMC solutions

We design the invisible to secure what matters most. We develop innovative, bespoke and high-end EMC solutions designed for critical environments and the demands of tomorrow. From cutting-edge engineering to high-performance manufacturing, we master every step of the process to ensure uncompromising quality.



EMC SOLUTIONS FOR APPLICATIONS IN THE MILITARY AEROSPACE AND NAVAL SECTORS



In hostile environments (radar, lightning, electronic warfare), electromagnetic compatibility is of strategic importance. GETELEC safeguards your operations and platforms by reducing their signature, ensuring greater stealth and resilience.

Discover our range of conductive elastomers :

- Optimal electrical and mechanical continuity
- Resistance to extreme temperatures
- Compliance with MIL-DTL-83528
- **Ultra-effective shielding performance at very high frequencies (> 55 GHz)**

Ensure the integrity of your systems against the worst threats.



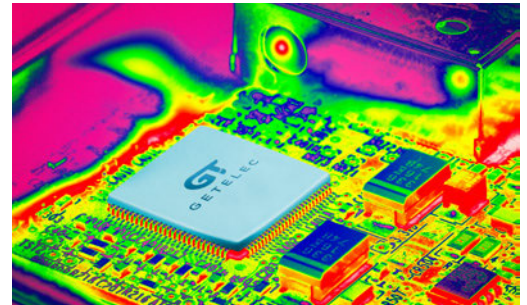
TACTICAL EQUIPMENT - MASTERING THE INVISIBLE SPECTRUM FOR YOUR TRANSMISSIONS



The high technological density of tactical equipment creates significant electromagnetic challenges. GETELEC ensures signal integrity and the reliability of critical functions.

Discover our dedicated product range :

- **Co-extruded bi-material gaskets:** compact, custom-made, corrosion-resistant, dual IP/EMC protection.
- **Microwave absorbers:** excellent attenuation across wide frequency bands.
- **Thermal gap pad :** 5 range (GTG flexible 1-10 W/m.K, GTS aerospace, GTC silicone-free, GTD cartridge, GTR thin) to meet every requirement.



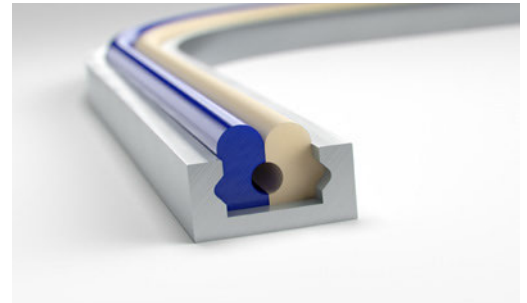
DEDICATED SUPPORT, QUALIFIED EXPERTISE, AND BESPOKE SOLUTIONS



At GETELEC, our expertise and personalized support guide every project. Our R&D laboratory, Getelec Lab, is at your disposal to **develop innovative, unique, and bespoke solutions.**

With a factory and laboratory equipped with state-of-the-art machinery, we ensure flexible production, from small to large-scale runs.

We transform your most stringent mechanical, electrical, or environmental constraints into a custom, reliable, and **sustainable technological solution.**



GRUPE TRA-C INDUSTRIE

With around ten production sites across France, the TRA-C industrie group supports defence sector organisations in the design, industrialisation, manufacture and integration of complex, high-value-added systems. The group is involved throughout the entire industrial lifecycle: engineering, prototyping, series production, robotic integration and the optimisation of industrial processes. A recognised specialist in metalworking, TRA-C industrie possesses extensive expertise in the manufacture of equipment for the demanding environments of land, air and naval defence. Our expertise covers, in particular: sheet metal work, boiler making, machining, surface treatment/painting, assembly, cabling, automation, the manufacture of composite assemblies, and the integration of technical assemblies and sub-assemblies... The group is notably a European leader in the innovative technology of Friction Stir Welding (FSW), which delivers significant gains in performance, strength and weight reduction for structures.

ARMoured VEHICLES



The TRA-C industrie group designs, manufactures and integrates technical structures and sub-assemblies for armoured vehicles and military ground platforms. We carry out research and design, prototyping, mass production and component assembly, drawing on industrial resources tailored to the requirements of the defence sector.

Our teams work on complex welded assemblies, armoured aluminium and steel structures, protective and mobility components, and integration interfaces for military vehicle architectures. Thanks to its in-house design office and expertise in metalworking, TRA-C Industrie supports its customers throughout the entire industrial cycle, from the development phases through to the ramp-up of programmes.

TRA-C industrie is involved in numerous programmes as a Tier 1 subcontractor, but also as an equipment manufacturer and industrial integrator. Among the armoured vehicles on which the group has worked are notably the VAB MARK III, the Sherpa, the Griffon and the Serval.



ASSAULT LADDERS



The TRA-C industrie Group designs and manufactures assault ladders and tactical access equipment for the armed forces and specialist units. We carry out research and design, prototyping, testing, mass production and the assembly of complete systems, drawing on industrial resources tailored to the operational requirements of the defence sector.

Our teams develop solutions designed to meet the defence sector's requirements for mobility, rapid deployment and mechanical strength. Thanks to its in-house design office and industrial expertise, TRA-C industrie supports its customers throughout the entire equipment development cycle, from the analysis of operational requirements through to industrialisation and mass production.

In particular, TRA-C industrie has developed and integrated more than 50 assault ladders deployed with special forces around the world.



HGH SYSTÈMES INFRAROUGES

With over 40 years of expertise in infrared technology, HGH is a leader in innovative surveillance systems that combine high-resolution panoramic imaging, wide coverage, and real-time data processing to meet the most demanding defense & security challenges.



SPYNEL-X PANORAMIC INFRARED CAMERAS FOR PASSIVE AIR DEFENSE



Ground-based air defense systems play a pivotal role in safeguarding airspace, but they encounter distinct challenges that demand strategic solutions for effective deployment.

SPYNEL-X Infrared Search and Track is a passive electro-optical system providing automatic **detection**, **tracking** and **classification** of a large variety of threats including aircrafts, helicopters and drones while remaining undetectable. Scanning the panorama at 360°, the **SPYNEL-X** thermal camera provide outstanding image quality with very high spatial resolution, up to 120 Mpixels, at fast frame rate (up to 2 Hz).



With its real-time thermal panoramic video stream of the air space, **SPYNEL-X** is a reliable and mobile solution to alert and protect land forces in emergency situation. It can be easily used with Very Short-Range Air Defence (V-SHORAD) systems to provide a fully passive air defense solution – from detection to reaction, undetectable by the enemy.

SPYNEL-X ensures unprecedented real-time security against conventional and asymmetric threats. It gathers the latest innovations in thermal sensing into a field-proven and solid mechanical design. **SPYNEL-X**'s advanced algorithms allow for precise multi-target detection & classification, enabling the simultaneous monitoring of multiple airborne threats. Based on its live video analytics processed by **CYCLOPE** software suite, **SPYNEL-X** solution provides unparalleled situational awareness, day and night, 24/7, helping for rapid assessment of unwanted events.

SPYNEL-F LIGHT AND COMPACT SURVEILLANCE CAMERA WITH FULL STARRING CAPABILITY



In modern defense and security operations, vehicles - whether manned or unmanned - must operate in visually degraded environments while maintaining full situational awareness.

SPYNEL-F is a compact thermal camera designed for real-time surveillance featuring a 180° horizontal field of view and continuous starring capability. With exceptional image quality, a 30 Hz video frame rate, and compact dimensions, **SPYNEL-F** is ideally suited for installation on mobile platforms. Whether integrated into armored vehicles or UGVs, it provides unmatched situational awareness, threat detection and sterring assistance, day or night, in motion and on rugged terrain. Enhanced by the integrated **CYCLOPE** software and **GAIA** Artificial Intelligence, the **SPYNEL-F** solution enables automatic **detection**, precise **tracking**, and accurate **classification** of both air and ground targets.



SPYNEL-F enhances tactical mobility and surveillance through its advanced imaging capabilities. As a **Driver Vision Enhancer** for armored vehicles, a **convoy protection** solution, and a robust perception system for **UGVs**, it empowers crews and autonomous systems to operate safely, detect threats early, and maintain complete situational awareness on the move.



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IMPACT

Impact is a 100% French defence and security oriented software publisher. Impact's solutions allow to increase the potential of the various resources used in an operation, like telecommunication equipments, sensors, databases, etc. Relying on Geographical Information Systems (GIS), the solutions enable critical decisions to be made by creating a multi-source data fusion for a shared tactical situation in real time.

DELTA SUITE



The DELTA SUITE groups together the basic modules required by military users, and thus forms the basis for versions designed for the armed forces. Its Windows or Android versions are designed to equip operators in Command and Control Centers, those who are embedded in wheeled or airborne vehicles or dismounted ones.

Windows and Android basic features

- Cartography with a wide range of geographic data formats (import of vector or raster files and connection to map servers), as well as spatial analysis capabilities (slope profile calculation, intervisibility calculation, geofencing, etc.).
- Location and Navigation module
- Tactical Situation follow-up module (Blue Force Tracking, wide range of compatible military and civilian communication equipments and sensors)
- Full Motion Video module
- Chat messaging module

Specific businesses

Complementary modules such as DS MAR-OPS, DS ISR, DS JFIRE, DS DRONES or DS AIRBORNE can be added to meet specific businesses needs, such as maritime operations, intelligence, joint fire, UxV and their payloads control, or paratrooper missions.

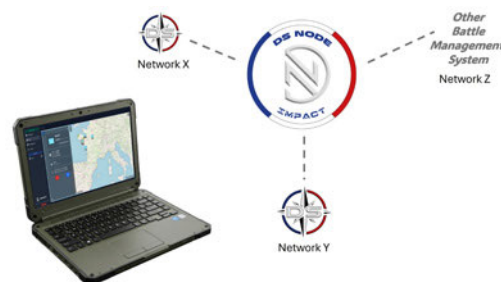
A software development kit, DS ENGINE, enables developers to add custom capabilities to DELTA SUITE



DS NODE



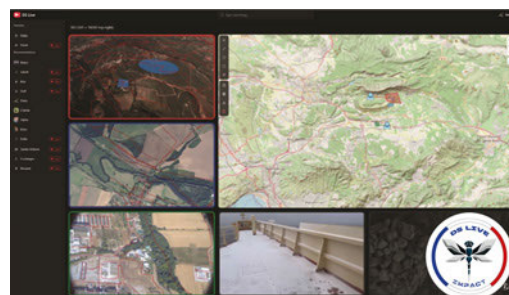
DS NODE acts as a communication server. It runs on the Linux operating system and can be installed on a wide variety of terminals (servers, hubs, clouds, mini-computers, etc.). The DS NODE server, combined with the DELTA SUITE ecosystem, promotes interoperability with third-party systems through adherence to military and civilian standards or protocols.



DS LIVE



DS LIVE is a multi-platform application, accessible via a web client, enabling the collection, processing, distribution, and use of video streams, with or without metadata.



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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.*

CONTRIBUTING TO NATIONAL SOVEREIGNTY AND RESILIENCE



Sovereignty depends on mastering communications : reliable, secure, and uninterrupted. Ineo Defense designs robust communication systems that guarantee the integrity of command data under any circumstances. At the heart of these systems, our multi-band smart antennas (VLF, HF, SATCOM) are built to operate in the harshest environments. To protect critical command facilities, we build hardened structures and provide electromagnetic shielding solutions, ensuring operational continuity.

Delivering information superiority for decision making

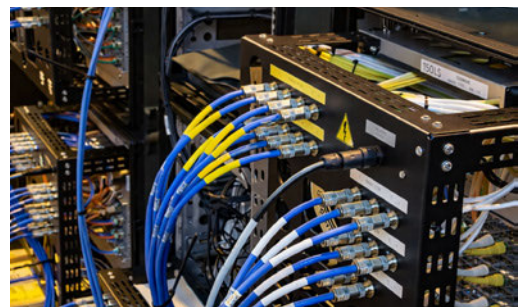
Controlling information means controlling the battlefield. In an environment where information has become a weapon, Ineo Defense develops electromagnetic intelligence capabilities designed to strengthen the Armed Forces' informational edge — and, when required, degrade that of the adversary through radio and GNSS jamming systems. Knowing that adversaries are equally determined to intercept our own data, we also provide cybersecurity and critical facility protection solutions.

Guaranteeing mission success in severe environments

Information only has value when it drives concrete, effective action, even in the most hostile environments. Our systems enable the Armed Forces to command, communicate, and act without compromise : we design and manufacture radomes to protect antenna systems (ground-based, naval, or airborne), integrate critical equipment into shelters, and provide essential utilities to ensure the operational autonomy of the Armed Forces in the field.

Ensuring equipment and material support

Performance only has value when it endures over time. Ensuring the support of Forces' equipment and materiel is therefore an essential condition for their availability. To this end, Ineo Defense offers comprehensive MRO solutions covering needs assessment, logistics, supply, repair, and fleet management, complemented by tailored services. Through our digital tools, we anticipate requirements to preserve the operational capability of the Armed Forces, even in the most demanding contexts.



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INTEGRIS COMPOSITES SAS

At Integris Composites, we deliver next-generation ballistic and blast protection for the most demanding vehicle environments and harsh. military, law-enforcement, and security professionals. With over thirty years of experience, we combine advanced composite materials and engineering expertise to ensure proven performance and reliability in the most demanding conditions. Lightness and survivability are our main purposes



VEHICLE PROTECTION

From traditional threats to new-generation drone attacks, Integris brings together proven composite armour, intelligent protection, and product integration that adapts to existing or new vehicle platforms.

Our manufacturing footprint is in France and Danemark allowing business contingency plan and offsets options to our customers.

• One-stop-shop offer:

- Ballistic simulation to design of the armouring solution
- Development and manufacturing of the ballistic solution in France and Danemark
- Support to assembly on final assembly lines

• Level of protection offered:

- Handgun / rifle thanks to single-panel liners.
- STANAG 1-6 thanks to integrated systems.
- STANAG 1-6 thanks to stand-alone systems
- STANAG 1-6 / IEDs / drone / RPG thanks to armor + active system integration

• Our references:

VBMR GRIFFON, EBMR JAGUAR, CV90, PIRANHA 5, EAGLE 5, LEOPARD II, CAESAR MKI+II, HMMWV, DURO, GMV 1.1, RABDAN, AJAX, FOXHOUND, ARMA, PVP, VBL, BASTION, helicopters: NH90, H135, H145, H225, H160M



PERSONAL PROTECTION

For more than 30 years, we design, manufacture, and test hard armour plates and ballistic shields that meet NIJ and VPAM standards, with full customisation options to suit specific operational requirements.

Our manufacturing footprint is in France and Danemark allowing business contingency plan and offsets options to our customers.

• One-stop-shop offer:

- Ballistic simulation to design of the armouring solution
- Development and manufacturing of the ballistic solution in France

• Level of protection offered:

- Ballistic plates and shields, amongst others
- Ballistic soft armouring

• Our references:

NATO, French army, Dutch army, US army, Swiss army, Polish army



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ISYMAP

ISYmap (Instrumentation Systems for Mapping) develops and markets connected radiological measurement instruments, as well as intelligent robots designed for environments ranging from conventional to highly hazardous, where there are risks to humans and/or access constraints.

ISYmap operates across the nuclear industry, defense, and homeland security sectors.



GLOBAL



The **GLOBall** is a radiological sensor (dose rate or gamma spectrometry) that is shock-resistant, waterproof, and droppable.

It keeps operators away from risk, thus protecting their health and safety. When deployed in numbers, they constitute a network of sensors that can be quickly deployed to monitor the radiological status and evolution of an area in real time.

Use cases: Emergency response - Investigation of restricted access areas - Temporary beacon in harsh environment - Etc.



FLIGHTER



The **Flighter** is a sensor that allows aerial radiological investigations, indoor and outdoor, to be carried out easily and quickly.

Very lightweight, it is adaptable to any type of drone, even the smallest. It is also fully autonomous and does not require any interfacing with the drone.

Use cases: Radiological mapping in post-accident situations - Investigation of inaccessible areas - Etc.



INSPECTOR



The **Inspector** is an all-terrain, wireless inspection robot equipped with an ultra-high-definition camera and a long range communication system (up to 10 km).

Optionally, it can be equipped with our lightweight radiological sensor, the Flighter (dose rate/ gamma spectrometry).

Use cases: Visual and radiological investigations - Emergency response - Etc.



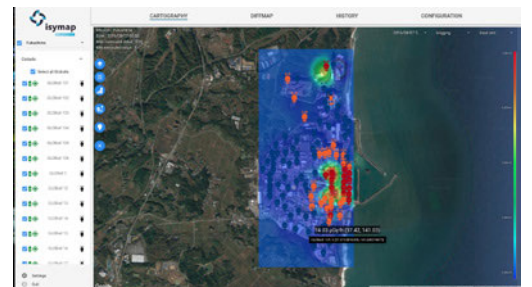
ISYMAP SOFTWARE



ISYmap is a GIS (Geographic Information System) that enables the real-time management of data streams from ISYmap-connected or compatible sensors.

This data is displayed through mapping interfaces. ISYmap allows users to quickly understand a situation and monitor its evolution over time.

Functionalities: Heatmap generation - Path optimization (ALARA) - Differential mapping - Etc.



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JOHN COCKERILL DEFENSE

John Cockerill is an international industrial group specializing in technological solutions for energy, industry, and defense. Within the Group, John Cockerill Defense develops and integrates armored vehicle and advanced weapon systems for land platforms, combining firepower, mobility, precision, and operational adaptability to meet the requirements of modern armed forces.



AN INTEGRATED OFFERING FOR LAND FORCES



The strength of John Cockerill Defense lies in the complementarity of its defense brands : Arqus, Cockerill, Hornet, Agueris, and Eurocontrol, enabling the group to deliver comprehensive land defense solutions combining mobility, firepower, protection, simulation, and mission systems.

Together, these complementary capabilities support armed forces in addressing emerging operational challenges and high-intensity conflicts through integrated, scalable, and mission-oriented solutions.

Arqus : Tactical and Armored Mobility

Arqus designs military vehicles renowned for their robustness, mobility, and adaptability to the most demanding environments. Vehicles from the SCORPION program, such as the GRIFFON and the JAGUAR, illustrate this expertise through modern platforms integrating protection, mobility, and connectivity.

The brand also develops emblematical and tactical vehicles such as the SHERPA and the BASTION, designed for transport, reconnaissance, and security missions.

Cockerill : High-Performance Weapon Systems

John Cockerill Defense develops a range of turrets from 25 mm to 120 mm, combining firepower, precision, and modularity. The Cockerill 3000 Series enables the integration of advanced capabilities on wheeled or tracked vehicles, with solutions adapted to fire support, direct combat, and reconnaissance missions.

Thanks to their scalable architecture, Cockerill systems integrate optronic equipment and fire-control capabilities that meet the requirements of modern operations.

Hornet : Next-Generation Remote Weapon Stations

Hornet develops remote weapon stations designed to enhance crew protection and improve the operational efficiency of land platforms. Integrated on several vehicles within the SCORPION program, Hornet systems combine firing accuracy, advanced optronic sensors, and weapon modularity.

The range also includes counter-drone solutions such as the Hornet Air Guard, capable of detecting, identifying, and neutralizing emerging aerial threats.

Agueris : Advanced Simulation and Training Systems

Agueris develops advanced simulation and training solutions designed to improve operational readiness and mission preparation for land forces.

Its systems support individual, crew, and collective training through immersive simulation environments adapted to modern combat scenarios and operational constraints.

Integrated within broader land defense architectures, Agueris solutions contribute to enhancing tactical coordination, decision-making, and force preparedness across the full spectrum of operations.

By combining mobility, weapon systems, remotely operated protection solutions, simulation capabilities, and mission systems, John Cockerill Defense offers a coherent and scalable portfolio designed to meet the needs of modern land forces.



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KNDS CBRN

KNDS CBRN is a leading provider of CBRN detection, protection and decontamination solutions. For over 70 years, we have been supporting our military & civil customers worldwide with a strong presence in Europe, the Middle East and Asia.

Driven by a strong commitment to Research & Development, we deliver advanced, high performance equipment and systems, including:

- Individual chemical detectors & biological field detection kits,
- CBRN Filtration systems for vehicles, hard-shelters & tents,
- Personal breathing protective equipment, such as gas masks, CBRN filters, and emergency evacuation hoods,
- Decontamination systems for vehicles, aircraft, infrastructures, equipment and personnel.

TGM48 & FRGM48 - MILITARY FIGHTERS & FIRST-RESPONDERS GAS MASKS



TGM48 & FRGM48 are designed for the respiratory protection of military fighters, tactical operators and first-responders against particle, liquid and gaseous threats: Radioactive particles, Chemical toxics (TIC's & CWA) and Biological agents. Compatible with any NATO standard filter canister.

They are designed to provide maximum safety, featuring a unique over-molded visor and a 48 hours toxic resistance. They also offer maximum comfort: the optical-quality panoramic visor provides the widest field of vision available on the market.

TGM48 is tailored for long missions with its integrated drinking system.

Numerous options are available: communication device, sun visor, customizable front piece, optical insert, bags...

EN 136 certified (CE marked) / Military standards qualified



KDTB - FIELD BIOLOGICAL DETECTION KIT



KDTB GOLD is a field biological detection kit. It is used on solid and liquid samples. KDTB GOLD is made of easy-to-use antigen tests. It offers one of the highest sensitivities available on the market and provides results in 15 minutes.

Bacteria (3 targets) are detected through individual tests: Anthrax, Plague and Tularemia.

Toxins (5 targets) are detected with a single multiplex test: Botulinum Toxin A/B/E, SEB and Ricin.



CBRN FILTRATION SYSTEMS FOR VEHICLES, HARD-SHELTERS & TENTS



KNDS CBRN Air Filtration Systems create a toxic-free area inside the vehicle cabin, hard-shelter or tent by filtering air drawn from outside. The area is kept in overpressure to prevent any toxic or tear-gas from entering the protected volume. Each system is integrated into the vehicle, the hard-shelter or connected to the tent and ensures air renewal for the crew members. For tents & expandable hard-shelters, the system features an automatic airflow/overpressure adjustment functionality. A control panel allows the system monitoring and includes an alarm in case of malfunction.

The capacity of the Air Filtration System depends on the number of people to be protected.

All KNDS CBRN systems have been designed in compliance with NATO AEP-7 Edition 5 principles.

KNDS CBRN offers a wide range of filters to be used with its air filtration systems.



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KNDS CBRN

ESSENTIAL DECON XS-01 - LIGHT MULTIPURPOSE DECONTAMINATION UNIT



The XS-01 system is a compact and autonomous decontamination unit. It is designed to fit easily and without modification onto the back of a pick-up truck or onto a flatbed trailer.

It can be used by 1 or 2 operators to carry out thorough CBRN decontamination operations on vehicles, materials, infrastructures or personnel.

It is quick and easy to use and carries enough water and chemical decontamination solution for an urgent intervention after a CBRN incident. This autonomy allows to decontaminate up to 1 vehicle and 10 personnel.



ESSENTIAL DECON S-01/M-01 - VEHICLE & PERSONNEL DECONTAMINATION UNIT



The S-01 system is a high-performance decontamination system designed for both operational and thorough CBRN decontamination. The M-01 system is a highly mobile & versatile decontamination system. They combine a decontamination module with an all-terrain carrier.

They can be used by 1 to 3 operators to carry out thorough CBRN decontamination operations directly from the ground on vehicles, personnel or roads. They are quick to set up and stow away after use.

The S-01 system carries enough water and chemical decontamination solution to decontaminate up to 3 vehicles and up to 20 personnel. The M-01 system carries enough water and chemical decontamination solution to decontaminate up to 20 vehicles and up to 140 personnel.



ESSENTIAL DECON S-04 - AIRCRAFT DECONTAMINATION UNIT



The S-04 system is an agile solution designed to safely and precisely decontaminate aircraft of all sizes up to 14 meters in height. It combines a decontamination module with a van and an aerial bucket.

It can be used by 1 to 3 operators to carry out thorough CBRN decontamination operations on aircraft or roads. It is quick to set up and stow away after use.

In its standard configuration, the S-04 system enables in-depth CBRN decontamination operations on aircraft, in a format compatible with A400M transport. Its platform configuration is compatible with C-130J transport.



ESSENTIAL DECON L-01 - HEAVY VEHICLE DECONTAMINATION UNIT



The L-01 system is a heavy diesel-powered self-contained decontamination unit. It is designed to be loaded on a hook-lift truck or a flatbed truck and can be used either on the truck or on the ground.

It can be used by 2 to 6 operators to carry out thorough CBRN decontamination operations on vehicles, roads or infrastructure up to 13 metres. It is quick to set up and stow away after use.

The L-01 system carries enough water and chemical decontamination solution to decontaminate up to 20 vehicles.



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KNDS MOBILITY

KNDS Mobility (formerly known as Texelis Defense) is a French company, member of the KNDS Group. KNDS Mobility is specialized in developing, producing and qualifying complete mobility solutions for armoured vehicles, ranging from 4x4 and 6x6 to 8x8 models, as well as tracked platforms and solutions for hybrid mobility. KNDS Mobility is an ideal partner for any type of international programme aimed at the very fast development of new tactical systems, anywhere in the world.



SERVAL: the new reference for mobility

CELERIS 4X4



A unique offer for tactical mobility

CELERIS 4x4 is a complete, packaged, customized, turnkey solution for armored vehicles.

With CELERIS 4x4, KNDS Mobility takes care of 100% of the mobility platform for your vehicle, from the powerpack to the axles and from the dashboard to onboard energy management. That includes hardware kits, customized to your exact needs, but also software, electronics, and a complete maintenance and support system for 30+ years.

CELERIS is available for 4x4 vehicles (up to 18 tons GVW), with a 6x6 variant for extra payload (up to 26 tons). It was developed with a single platform approach, effectively enabling the creation of 12 to 18 ton vehicles on the same platform.

Highest performance and fastest development on the market: CELERIS originates from KNDS Mobility's ongoing programs with the French Army and customers all around the world with more than 2,000 platforms ordered so far in more than 30 variants. All the components used are military-grade, NATO-codified, and have been developed, specified or produced by KNDS Mobility during a multi-year development, trial and qualification process. KNDS Mobility can adapt all components and systems to cater to its customers' needs.

Thanks to ongoing production, KNDS Mobility can deliver mobility kits for a CELERIS 4x4 program in as little as three months, enabling very fast programs with less than one year between program launch and the first presentation of fully new, fully local vehicles, available for local forces as well as for export markets.

Made for local production: CELERIS programs are designed to increase local content and strategic autonomy while also reinforcing the operational capabilities of the armed forces with a modular, locally-made vehicle which could be used in virtually all roles and configurations.

CELERIS 4x4 is now used by 4 different countries (France, Canada, Indonesia and Finland), creating commonality and interoperability at all levels while giving access to new options developed for other customers.



CELERIS 4x4: a full military platform

CELERIS 8X8



Your own 8x8 platform, right now

Building on its CELERIS 4x4 offer, KNDS Mobility has developed a new mobility solution for 8x8 vehicles.

CELERIS 8x8 is available with several architectures and variants available: IFV with the powerpack on the side, amphibious 8x8 with central engine, with chassis and without chassis, logistics and systems carrier...

CELERIS 8x8 originates from KNDS Mobility's experience, developments and contributions in several 8x8 platforms over the last decades, including work on Lazar 3 (Serbia), VBCI (France), Terrex (Singapore), as well as current developments for Tier 1 OEMs or directly for Tier 1 armies around the world.

Building on the same production logic already used for CELERIS 4x4, KNDS Mobility can deliver mobility kits for a CELERIS 8x8 program in record times, enabling very fast programs with less than one year between program launch and the first presentation of fully new, fully local vehicles, available for local forces as well as for export markets.



8x8: Ready for creation



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KONTRON

Kontron Modular Computers develops rugged embedded computing boards, platforms and mission systems for critical defense, aerospace and transportation applications. With more than 40 years of European technological expertise, Kontron supports system integrators with secure, modular architectures designed for scalable mission performance and long-term operational continuity.

Designed, manufactured and maintained in Europe, Kontron solutions combine cybersecurity foundations, open architectures and lifecycle support services to ensure mission readiness over decades.

SECURE EMBEDDED COMPUTERS



Secure rugged mission computers designed for high-performance defense applications in harsh operational environments.

- High-density processing for AI, sensor fusion and imaging
- Modular architectures for scalable mission systems
- Cybersecurity ecosystem for trusted deployment

Designed for resilient operation in mission-critical environments.



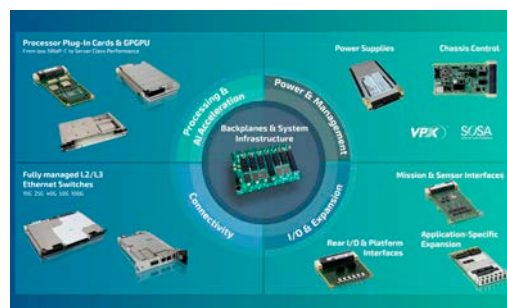
OPEN ARCHITECTURE ECOSYSTEM



A complete ecosystem of modular VPX boards enabling defense integrators to design and sustain scalable, secure and long-life mission systems.

- High-performance processing and AI acceleration
- Ethernet connectivity, system infrastructure and power management
- Mission interfaces and modular expansion for flexible system integration

Built around open architectures, our ecosystem supports reduced integration risk and long-term operational continuity — from low SWaP-C to server-class mission computing.



CYBERSECURITY



Cyber-resilient embedded computing solutions designed to protect mission-critical defense systems throughout their operational lifecycle.

- Trusted boot chain and TPM-based integrity control
- Secure data storage and protected mission data flows
- Trusted supply chain and long-term vulnerability monitoring

Built on a security-by-design approach, our solutions combine trusted computing, secure supply chain practices and lifecycle cybersecurity services for secure deployment in connected defense environments



LONG-TERM SUPPLY AND SUPPORT



We provide long-term supply, maintenance and lifecycle support to ensure mission-critical embedded platforms remain available, secure and operational over decades. Through proactive obsolescence and supply chain management, we guarantee production continuity and sustained mission readiness.



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LACROIX DEFENSE

Pyrotechnic systems expertise

French Expert in soft-kill systems and effects for all type of vehicles

Since 1990, Lacroix defense develops broadband masking ammunition for various combats vehicles, from Special Forces light vehicles to APS or MBT all around the world. In order to optimize the protection of vehicles against the new threats, including top attack threats like UAV or Artillery sub-munitions, in modern conflicts, Lacroix produces a global soft-kill protection system : S-KAPS™



SKAPS - COUNTERDRONE



S-KAPS™ includes:

- Threats detection & Environmental awareness;
- Analysis and reaction decision;
- Broadband masking, decoys & jamming effects
- Communication & optimization protection.

S-KAPS™ is adaptable to the vehicle and the mission, incremental (upgradable according to needs and technologies) and combat proven in many high intensity conflicts or peace keeping operations.



GALIX AMMUNITION



All protection effects are realized thanks to the range of Galix ammunitions.

SKAPS - Counterdrone is using :

- Galix 13 & Galix 17I TA - long & medium duration broadband masking ammunitions (from UV to Far IR, mm);
- EM Jammer
- IR Decoys



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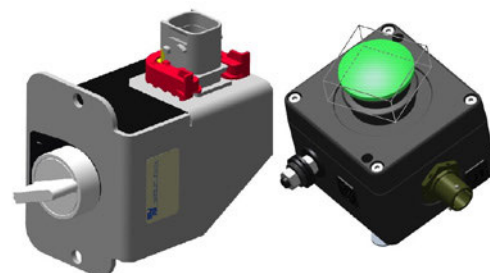
MAFELEC TEAM

Petercem Switches, Comtronic & TSL, members of the MAFELEC TEAM, provides you the complementary expertise for military defense applications dedicated to Aeronautics, Marine & Land sectors. The mastery of technical requirements such as sealing, vibrations, thermal conditions, make Petercem the ideal partner for micro switches in harsh environments. From a simple backlight control panel to a customized lighting system, COMTRONIC & TSL, recognized for their optical expertise, are the partners for the realization of your embedded systems

EMERGENCY BOX CONTROLS BY MAFELEC



Based on a wide range of products dedicated to harsh environments, Mafelec supports your project developments for safety and emergency applications intended for the Aeronautical, military and naval sectors. Our commitments are aligned with your specifications and expectations, and qualified according to your needs in accordance with current military standards for proven and recognized long-term durability.



SWITCHES & CONTACTS BY PETERCEM



Petercem Switches specializes in the design and manufacturing of high-reliability microswitches and hour meters dedicated to harsh environments and mission-critical applications. Its solutions are developed to meet the requirements of the defense and aerospace sectors, with strong expertise in mechanical robustness, electrical endurance, and long-term reliability. Petercem Switches provides equipment designed for demanding environments requiring precision, safety, and durability, with flexible production capabilities adapted to small and medium series manufacturing.



HMI & CUSTOMISED CONTROL PANELS BY COMTRONIC



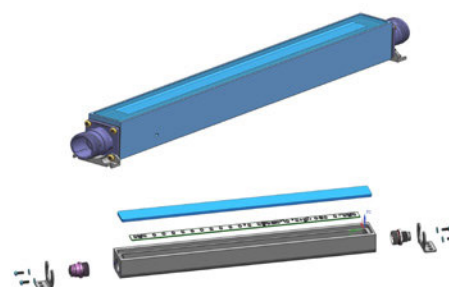
Comtronic GmbH designs and manufactures Human Machine Interfaces (HMI), control panels, lighting systems, and embedded electronic equipment dedicated to aerospace and defense applications. The company masters the complete development and qualification cycle for critical equipment, including DO-160 qualification standards, NVIS/NVG compatible solutions, and long-term obsolescence management. Comtronic holds Part 145, EMAR, and Part 21G approvals, ensuring a high level of compliance and quality for both civil and military aerospace programs.



LIGHTING APPLICATION BY TSL



Our extensive experience in the lighting sector for industrial applications, particularly in the railway industry, has allowed us to build a strong team of experienced engineers specializing in optoelectronic systems. We can provide you with the best approaches and insights for developing innovative and efficient products for effective and optimized lighting functions for harsh environments



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MBDA is a unique multi-national European group and a world-leader in the field of complex weapon systems.

Created in the spirit of international co-operation, MBDA brings together state-of-the-art expertise in decisive military capabilities.

By designing, manufacturing and delivering innovative defence solutions to European nations and their allies around the world, MBDA plays a major role in supporting their strategic independence, protecting their national security and preserving their land, maritime, air and space sovereignty.

AKERON MP



AKERON MP is the first Fifth Generation Anti-Tank Missile for the modern battlefield, in service and combat proven. It offers maximum operational flexibility as its programmable warhead can destroy the most modern Main Battle Tanks while also offering anti-infrastructure and anti-personnel capabilities for time sensitive targets as concealed snipers, C2 and group of personnel.

AKERON MP is a self-guided missile but with Man-On-The-Loop, meaning that the possibility is given to the gunner to permanently supervise the missile flight for selecting the target, retargeting, optimising its impact point with pinpoint accuracy or aborting the mission.



AKERON LP



AKERON LP is a multi-role missile providing maximum flexibility to the demanding forces (+8 km up to 20km). The AKERON LP is suitable for Cavalry, Airborne and Naval applications



ONE WAY EFFECTOR (OWE)



One Way Effector (OWE) aerodynamic profile and mid-altitude flight path combine robustness and operational effectiveness. It features a wingspan of three meters and carries a 50 kg class payload. Propelled by a turbojet engine, it reaches a speed of approximately 400 km/h and offers a range of up to 500 km.

Launched in coordinated salvos, OWE is designed to generate continuous engagement and sustained pressure on adversary air defence systems. Fired from the ground, it supports standoff operations while enabling massified strikes at long range. Its navigation architecture ensures autonomous flight and precise strikes on predefined coordinates, making it a reliable solution for sustained saturation attacks, even in a context of high-intensity conflicts.



MC2 TECHNOLOGIES

MC2 Technologies, a defense and security contractor, offers C-UAV and RC-IED solutions in the field of electronic warfare.

We work closely with our partners and end customers. We are able to adapt to the needs of the military because we design and manufacture our products in-house.



MICROWAVE CHARACTERIZATION CENTER

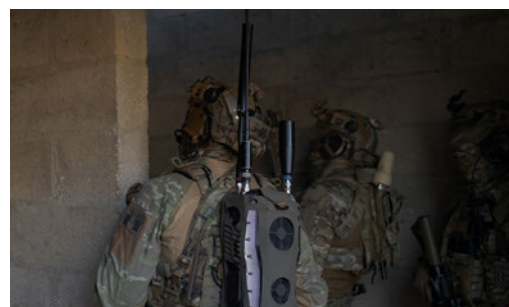
SPART



Founded in 2004 from a research center specializing in microelectronics, MC2 Technologies has become a key player in the high-tech security market thanks to its expertise in anti-drone systems, radio-controlled improvised explosive devices (RC-IEDs) and all the way to electronic warfare.

As a micro-technologies expert, MC2 Technologies offers a complete anti-drone warfare (C-UAV) solution. From detection to neutralization, by localization, our product range is combat proven as shown in the press through MAJES deploy on French Marine frigates (PERSEUS and UAF labels) and NEROD in French air army (UAF label).

Our experts work hand in hand with our partners, such as Thales, MBDA or the KNDS group, but also with our end customers, such as the French army. We are able to adapt to our customer's needs, as we manufacture all our products in-house, thanks to our R&D efforts. Choosing MC2 Technologies means choosing sovereignty.



NEROD NG



Adopted by the DGA and used by the French Armed Forces (UAF) since 2022, NEROD is the PME's jamming rifle—a portable jamming device.

Originally, NEROD was a portable, directional drone jamming rifle capable of neutralizing the majority of commercial and military drones. Lightweight and ambidextrous, it is used as an intervention weapon. It is designed for field use while minimizing collateral interference. Combat-proven, it has been exported in over 500 systems and manufactured in more than 1,000 units across various configurations.

NEROD NG builds on the same foundation. The goal is not to revolutionize a product that works, but to improve it to adapt to current threats. Today, this Star Wars-inspired rifle has changed only the appearance of its control pad while revolutionizing its capabilities.

This new generation of NEROD allows for continuous jamming of frequency bands, mission programming, and integration of the rifle with other drone detection systems.

NEROD NG neutralizes communications on the unconventional bands used by next-generation drones; it adapts to threats in real time thanks to its ability to select the mission during operation and reprogram itself in the field. Interoperable, the new generation of NEROD connects, among others, to MC2 Technologies' HADDES and ILIAD detection systems. NEROD NG neutralizes communications on the unconventional bands used by next-generation drones; it adapts to threats in real time thanks to its ability to select the mission during operation and reprogram itself in the field. Interoperable, the new generation of NEROD connects, among other systems, to MC2 Technologies' HADDES and ILIAD detection systems.

Thus, NEROD NG addresses asymmetric threats and offers operational versatility: intelligence gathering and enemy disorientation. With this new product, MC2 Technologies demonstrates its ability to adapt its solutions to evolving threats.



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MC2 TECHNOLOGIES

BLAST AND ILIAD



BLAST represents a major technological breakthrough in the field of electronic protection and counter-drone technology. Unlike traditional jammers, BLAST combines a compact design, broad frequency coverage, digital programming, and high operational versatility into a single, user-friendly solution. Developed in France by MC2 Technologies, BLAST also benefits from the results of national innovation programs such as OASIS (Agile Operation for Innovation Simulation for Systems) led by the French Ministry of Defense (DGA-MI and AID) through the ILIAD module. This ensures that the system is not only at the cutting edge of technology but also aligned with strategic defense priorities. BLAST directly addresses one of today's most pressing security challenges: the proliferation of drones and radio-frequency-based threats in both civilian and military environments. Its ability to neutralize multiple threats simultaneously, while minimizing collateral interference, provides operators with decisive electronic dominance in complex theaters of operations. By integrating the ILIAD module, BLAST goes beyond jamming: it enables intelligent detection, identification, and neutralization, paving the way for next-generation electronic warfare. Robust, secure, and tested to the most stringent military standards (STANAG, MIL-STD, DREP, DREC, DRAM), it is ready for deployment anywhere in the world. Its modularity and cost-effectiveness make it accessible not only to the armed forces, but also to homeland security agencies, critical infrastructure protection agencies, and law enforcement. BLAST embodies innovation, operational relevance, and strategic impact.



MAJES



MAJES DFB6 is a multi-mission tactical jammer developed by MC2 Technologies and certified as UAF (Used by the French Armed Forces) and PERSEUS. It covers an extremely wide frequency range—from 100 MHz to 6 GHz (expandable from 20 MHz to 8 GHz)—enabling it to disrupt a wide range of communications: VHF/UHF radios, GNSS, mobile phones, radars, satcom, as well as drone links. Designed as a modular and configurable digital system, it offers several jamming modes (active, reactive, hybrid) and adjustable power, controlled from a Mission Preparation Station (MPS).



Its architecture incorporates various antenna systems (omnidirectional for protection bubbles, directional or sectoral for targeted attacks), making it adaptable to various scenarios. The jamming range extends over several kilometers, enabling MAJES DFB6 to protect large areas or neutralize long-range threats. Once deployed, it activates instantly and can be integrated onto ground, air, or naval platforms.

The system is rugged (IP54 during operation, IP65 during transport, -20 °C to +55 °C), compliant with military standards (HERP, HERF, HERO, CE), and customizable (tactical enclosures, rack mounts, suspended chassis). Its imposing dimensions (over 400 kg when deployed) and setup time make it a tool better suited for planned and semi-fixed deployments than for light or ultra-mobile operations.

MAJES DFB6 meets the needs of the armed forces to conduct electronic warfare operations, create GNSS-denied environments, neutralize enemy communications, and counter drones. It represents a comprehensive and versatile tactical jamming solution, capable of adapting to different theaters and threats, provided that appropriate logistics and a well-defined legal framework for its use are in place.



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MERIO

Merio is a French company specialized in the design and manufacturing of high-performance gyrostabilized gimbals for aerial, maritime, and land applications. Founded in 2014 and based in France, the company develops innovative and lightweight solutions used for surveillance, reconnaissance, border control, and defense missions. Thanks to its expertise in mechanics, electronics, and embedded software, Merio offers reliable and complete systems.



MILVUS 7



This gimbal provides a high-performance solution for aerial platforms. The Milvus 7 is the most compact model in the range, with a diameter of only 7 cm and an ultra-light weight of 245 grams. It features a Full HD daylight camera with 160x zoom and a 640x480 LWIR infrared camera.



MILVUS 16D



The Milvus 16D is a compact and high-performance gimbal designed for advanced airborne operations. With a diameter of 16 cm and a lightweight structure of approximately 2 kg, it combines portability with powerful surveillance and targeting capabilities. The system is equipped with a Full HD daylight camera featuring 30x optical zoom and a 1280x1024 HD LWIR infrared camera for exceptional image quality in both day and night conditions. Its key strength lies in its integrated laser designator. The gimbal also includes a laser rangefinder with a range of up to 12 km, ensuring accurate distance measurement and enhanced operational efficiency in critical missions.



ORYX 12



The Oryx 12 is a lightweight and high-performance gimbal designed for land applications. Weighing approximately 1.5 kg, it combines compactness with high precision for mobile platforms. It features a Full HD color camera offering a wide field of view and up to 360x zoom, as well as an uncooled LWIR infrared camera providing excellent day-and-night observation capabilities. The Oryx 12S also integrates a laser rangefinder and, optionally, a laser pointer. Designed for demanding environments, it ensures optimal stabilization and reliability under operational conditions.



MICHELIN

MICHELIN LIFE PROTECTING, through mobility solutions, services & process and composite solutions, aims to enhance performance and mission efficiency by safeguarding people. Michelin is a historic, active and committed player in both defence and civilian environments.

MICHELIN LIFE PROTECTING unites partners and technologies to pioneer innovative solutions that make positive contributions to people—today and tomorrow. Michelin is more than a tyre; we enable safer & cleaner journeys and resilient missions worldwide.



In an era where armed forces must operate faster, farther & in harsher environments, Michelin introduces a unified MICHELIN LIFE PROTECTING approach that puts mission success & preservation of life at the heart of mobility. Built on decades of collaboration with manufacturers & operators, this approach integrates tyres, airless solutions, pressure-management systems, services & advanced engineering and processes into coherent, field-ready answers for ground, aerial & naval platforms.



A TECHNOLOGICAL LEADER IN MOTION

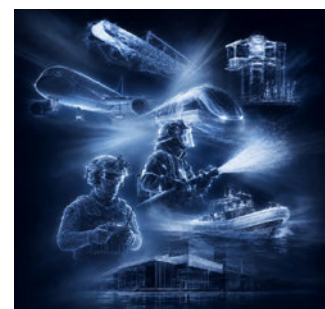
The principle is clear: superior mobility drives fewer unplanned stops & safer, more effective manoeuvres, whatever the terrain or season. Robust casings combined with pressure adaptability sustain safety and performance on shifting ground, while winter-theatre innovations deliver consistent grip, precise steering & shorter braking on compacted or fresh snow. For support vehicles & unmanned ground systems, airless architecture & composite rubber tracks remove puncture-related downtime, keeping patrols & logistics moving when continuity matters most.

Behind the products stands strong services, engineering & an industrial backbone. Predictive maintenance programmes, global technical support & operator training increase availability & reduce total cost of ownership. Upstream, simulation & co-design with original equipment manufacturers accelerate homologation of platforms & compress development timelines and costs without compromising reliability.



PIONEERING ENGINEERED MATERIALS FOR LIFE-CHANGING COMPOSITES & EXPERIENCES

Materials science forms a third pillar, with a range of activities covering equipment for defence and civil protection professionals. Advanced fire-resistant resins and technical fabrics are designed for the manufacture of personal protective equipment. Lightweight, durable composites and fabrics reduce weight whilst maintaining equivalent protection, thereby improving agility and endurance. At the same time, inflatable solutions support stealth and de-characterisation objectives by managing thermal and acoustic signatures and reducing reflectivity, thereby helping to reduce detectability in the field. These composites are therefore used in both the defence sector and in essential civil services, including firefighting, utility services and quarry activities.



From frontline mobility to fleet readiness, MICHELIN LIFE PROTECTING marks a shift from isolated components to integrated capabilities—designed to help teams move, act, and return whatever the weather, terrain, or tempo — structured around three streams, Mobilities, Services & Industrial Processes, and Composite Solutions – and underpinned by the Group's expertise in Artificial Intelligence and environmental stewardship.

MICHELIN LIFE PROTECTING
INNOVATION FOR PROTECTION, SAFETY FOR EVERY MISSION

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MICHELIN

WHAT IS THE MICHELIN PAX SYSTEM?

The **MICHELIN PAX System** is an integrated mobility solution combining a specially engineered wheel, a dedicated tyre, and a semi-rigid internal support ring.

Together, these components allow a vehicle to keep moving safely even after a complete loss of tyre pressure.

Unlike traditional run-flat tyres with reinforced sidewalls, the **MICHELIN PAX System** relies on a locking wheel design and a tyre that remains anchored to the rim, supported by an inner ring that bears the vehicle's load when deflated. This system also uses an internal lubricant to limit heat buildup during run-flat operation.

HOW IT WORKS?

At the heart of the system, the wheel features a groove designed to keep the tyre securely in place even without air pressure, while a rubber support band helps the tyre maintain its shape. The internal support ring ensures that the vehicle can continue driving for up to approximately 125 miles (up to 200 km) at a reduced speed, giving drivers enough time to reach a safe location or service centre without being stranded.

From a safety perspective, the **MICHELIN PAX System** prevents the tyre from detaching from the rim during a sudden blowout, allowing the driver to maintain control of the vehicle. The added stability and controlled behavior during deflation make it significantly safer compared to conventional tyre assemblies



WHAT ARE THE BENEFITS?

Beyond safety, the system enhances vehicle performance thanks to its short and flexible sidewalls, which contribute to better handling, less tyre roll, and improved responsiveness. Since the system eliminates the need for a spare tyre, it also frees up interior space, optimising both practicality and efficiency.

Durability is another advantage. The support ring is reusable and the tyre can often be repaired depending on the puncture. The system has also proven particularly valuable for armored or security-focused vehicles, where maintaining mobility after a puncture or attack is critical.

The **MICHELIN PAX System** offers a comprehensive response to mobility, safety, and efficiency challenges by combining advanced wheel-tyre engineering with reliable run-flat performance.



MILTON

MILTON develops and manufactures military-grade drones and automated systems dedicated to Intelligence, Surveillance, Reconnaissance (ISR) and security applications.

With its very own R&D department, the company provides 100% modular products, payloads and services, tailored to the customer's missions. Since 2023, Milton is part of Etienne Lacroix Group.



DRONES & PAYLOADS



Created to answer ISR and security needs, MILTON designs three types of drones:

The **Long-Range Observer** is a VTOL fixed wing drone able to fly up to 3h30 on an 80km radius, making it the best MAME drone for long distance surveillance.

As for the **SKY KEEPER**, with its 10kg carrying capacity, it is the most versatile drone able to carry out surveillance and security missions.

The **SKY WATCHER** is Milton's latest multirotor. Very compact with a rapid deployment and payload flexibility, it enables very quick response and reactivity for military forces.



PAYLOADS / 100% MODULAR GIMBAL

Designed in our very own R&D department and manufactured in our plant in France, our drones can carry several payloads at the same time (EO/IR + Specific).

The MILTON drones are compatible with a large catalog of payloads: IMINT, SIGINT, sensors, transportation pod...

With our very own Research & Development department in our locals, every MILTON drone is entirely modular and can integrate both in-house payloads and third-parties'.



A COMPLETE OFFER – FROM TRAINING TO MAINTENANCE

As our technologies are entirely built in MILTON, we control the entire lifecycle of our products allowing us to provide unparalleled support to our clients from training to maintenance.

With ex-military pilots and experts in aeronautics, we can give operational and piloting training tailored to your domain.

As for maintenance and after-sales, our engineers and technicians provide a complete support for your drone so it can always be operational.



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MONKILOWATT

Monkilowatt develops hybrid and mobile energy solutions ranging from small to medium power units (3–100 kVA).

*As a specialist in mobile solar power generation and energy storage, we enable **complementarity with generators in operational environments**. Our products are all **plug-and-play**, robust, rapidly deployable, and can natively integrate a generator or interface with an external generator or an electrical grid.*

*Our objective is to **reduce fossil fuel consumption in order to reduce logistical constraints**.*

CONTAINWATT



ContainWatt is a mobile 45 kVA solar power plant integrated into a standard KC20 container. It can be deployed in less than one day by a three-person team.

The key feature of Containwatt is the deployment of **150 m² of solar panels at a height of 3 meters**, allowing the ground area beneath the structure to remain fully usable for operational activities. To achieve this, Monkilowatt offers two optional deployment configurations :

- a dedicated 23 m² tent model developed with UTILIS;
- a 23 m² semi-rigid shelter developed with C-Lines.

A single KC20 can integrate :

- up to **30 kWp** of solar generation ;
- **80 kWh** of battery storage ;
- accomodation capacity for up to 6 tents.

ContainWatt can operate independently or in hybrid mode with a generator or electrical grid.

The solution is particularly well suited for long-duration deployments (>6 months) on low-mobility rear-base camps. It has been successfully evaluated by the French Armed Forces as part of the ECOCAMP program.



WATTONBOARD



WattOnBoard is an ultra-mobile hybrid solar generator designed and manufactured in France. The system combines silent operation, low thermal signature, rapid deployment capability and high operational flexibility.

This autonomous **10 kVA** solar power unit includes **18 kWh** of battery storage and deploys 4.5 kWp of solar panels in less than 30 minutes by a single operator, without requiring any tool. **Plug-and-play, ruggedized, durable, and tropicalized**, WattOnBoard can provide full electrical autonomy or significantly reduce generator fuel consumption.

Multiple WattOnBoard units can be interconnected (up to 6 units) to increase power and form a three-phase system. To ensure continuous energy supply, the system can be **coupled with generators** and will automatically manage the back-up power production in case of insufficient solar production.

Mounted on a trailer, it can be deployed directly from it. It can be transported by truck, on a KC20 flatbed, in a van, or even by helicopter (optional). Forklift pockets are integrated for easy handling with a forklift.



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MUSTHANE

Musthane is a French company specialized in the design and manufacture of flexible composites made from rubber-coated reinforced textiles. Our solutions enhance the survivability and mobility of operations and vehicles in marine, land, and air environments.

We control the entire supply chain, from raw material formulation and manufacturing to final product delivery, ensuring process control, traceability, quality, and reliable lead times.

In the defense sector, our expertise is structured around two complementary pillars:

Design to Flexibility® - Solutions based on flexible and resilient structures: flexible tanks, inflatable jacks, pneumatic pipe plugs, lifting bags.

Design to Mobility® - Equipment designed for rapid deployment operations: helicopter landing mats, forward area refueling systems, temporary access roads.

TIRE SIDEWALL IR CAMOUFLAGE & PROTECTION



Tire Sidewall Camouflage & Protection system is a patented solution designed to enhance the survivability of land vehicles by protecting tire sidewalls and improving infrared (IR) camouflage. They protect tires in harsh and abrasive environments while maintaining full vehicle mobility. The TSP can be installed quickly without wheel removal, combined with a self-cleaning design that prevents debris accumulation and a flexible composite structure capable of absorbing deformation while returning to its original shape.



TEMPORARY ACCESS MATS



Temporary Roadway Mats (SIM) are modular ground reinforcement systems designed to create temporary access roads over soft or impassable terrain. They improve vehicle mobility by stabilizing the ground and enabling wheeled vehicles to safely cross muddy, sandy, or degraded surfaces.

The mats can be rapidly deployed and connected in rolls, providing a robust and repairable roadway solution. Their modular design allows customizable dimensions and colors, while the flexible structure adapts to ground irregularities. Reusable and easy to redeploy, they offer a long service life even in harsh field conditions.



MAINTENANCE MATS



Vehicle Maintenance Mats are flexible ground improving systems designed to create a stable working surface for vehicle maintenance operations, even on muddy, soft, or uneven terrain. They allow maintenance teams to safely operate equipment and repair vehicles without the risk of vehicles or tools sinking into the ground.

The mats are modular, rapidly deployable and easy to transport, forming a durable non-slip surface resistant to oils, hydrocarbons and abrasion. Their flexible structure adapts to irregular terrain while supporting heavy loads. Rollable, reusable and easy to clean, they provide a reliable solution for field maintenance operations in harsh environments.



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MUSTHANE

COMPLETE AND MODULAR FUEL SUPPLY SOLUTIONS



Musthane provides complete and modular fuel supply solutions designed for deployment in operational environments. Our systems enable the storage, transport and distribution of aviation fuel in remote or hostile areas, ensuring operational autonomy and logistical flexibility for field operations. Refueling and defueling kits are designed and manufactured according to the customer's operational requirements and mission constraints. Each system can be configured.

Flexible fuel tanks provide mobile fuel storage and transport capabilities adapted to operational environments. They can be air-transportable, heli-transportable, slingable, towable or vehicle-mounted, allowing rapid deployment and flexible logistics in the field.

To ensure operational capability in extreme environments, the system can also integrate a Cold Temperature Engine Starter (CES), a lightweight battery-powered device designed to start motor-driven pumps without an electric starter in extreme cold conditions below -20°C .



BALLISTIC SELF SEALING PROTECTION



Musthane integrates ballistic self-sealing protection on fuel tanks installed in vehicles, aircraft or other equipment. This protection significantly reduces the risk of fuel leakage in case of ballistic perforation by automatically sealing the impact area.

Designed as a made-to-measure solution, the protection can be adapted to different tank materials and configurations. Protection levels can be adapted to all ballistic threats (5.56 mm, 7.62 mm, 12.7 mm and 14.5 mm), with optional explosion-proof systems and operating temperatures ranging from -50°C to $+120^{\circ}\text{C}$.



CBRN COINTAINMENT BAG



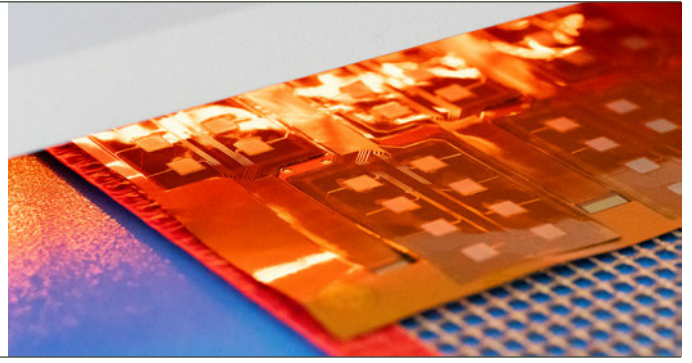
CBRN Containment Bag is a sealed containment system designed to safely store and transport equipment contaminated by nuclear, radiological, biological or chemical agents.

The bag is manufactured ensuring a high level of sealing and durability. It provides strong protection against CBRN agents and abrasion. Foldable, rollable and easy to deploy, the system includes a resealable containment cover, an absorbent sheet, and handling equipment, enabling safe transport in field conditions.



NANOMADE

Nanomade ultrasensitive deformation sensors enable any type of structure to become interactive, offering innovative solutions such as **advanced HMI** (metal touch, robust force & touch interfaces), **health parameters monitoring** (non-intrusive and on real time) and **structure health monitoring** (predictive maintenance & risks mitigation) for various industries such as consumer electronics, defense or automotive.



HMI (FORCE & TOUCH SENSORS)



Nanomade ultra-sensitive force sensors turn any surface — metal, glass, fabrics... — into a rugged, invisible HMI. Protected behind the material, they remain reliable with gloves, moisture or water, while enabling a natural and trusted user experience with high-resolution haptic feedback and light effects (being transparent). To improve reliability and safety, Nanomade CapaForce® sensors combine Force & Touch functions on a same sensor, eliminating any false activation.



PULSE



Nanomade health monitoring sensors capture micro-deformations of the body to track vital signs in real time, without intrusive devices. Integrated into seats, beds or wearable equipments, they can monitor heartbeat, breathing, posture and physiological changes for pilots in vehicles, hospital patients or rescue teams, providing continuous insights while preserving comfort and mobility.



STRUCTURAL HEALTH MONITORING (SHM)



Nanomade structural deformation sensors enable real-time monitoring of strain, impact and damage across critical defense assets. Integrated into vehicles, aircraft, drones, ships, protective equipment or infrastructure, they can detect micro-deformations, shocks or fatigue before failure occurs. Their high sensitivity, strong signal-to-noise ratio and low power consumption make them suitable for predictive maintenance, mission safety and continuous structural health monitoring in demanding environments.



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NUANCES TECHNOLOGIES

Expert in wireless communications control since 1991, Nuances Technologies designs and integrates advanced solutions dedicated to armed forces and homeland security forces. These tactical systems are intended to control, simulate, detect, intercept, jam, block, locate or secure any type of wireless communication. Nuances Technologies equips the NATO and UN forces in conflict zones, Police and Army units through the world.

MULTIROLE SOLUTIONS

With over 30 years of proven expertise in signal processing, defense innovation, and advanced electronic countermeasure development, Nuances Technologies delivers cutting-edge solutions designed to stay ahead of emerging threats. We have developed a comprehensive portfolio of solutions trusted by armed forces worldwide, protecting soldiers, combat vehicles, convoys and sensitive sites. Our systems are fully deployed and battle-proven across multiple operational theatres. We offer an extensive range of advanced capabilities, including state-of-the-art RCIED jammers, active, reactive and hybrid countermeasure technologies, anti-drone solutions and long-range cellular blocking systems.



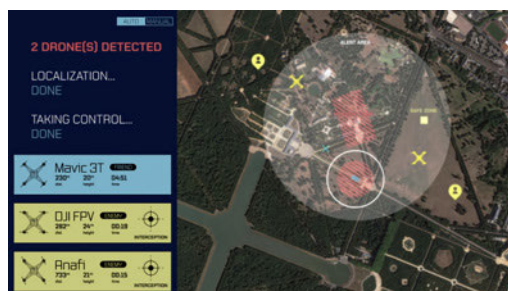
COMMUNICATIONS JAMMING SYSTEMS

Intelligent jamming technology enables the neutralization of hostile communications, whether used to coordinate attacks or conduct surveillance operations, giving armed forces and intelligence services a decisive strategic advantage. Our systems and antenna configurations can be seamlessly integrated into armored vehicles to deliver powerful, mission-critical jamming capabilities. They are also available in lighter, more discreet configurations to support intelligence and special operations, with options for integration into civilian vehicles or adaptation as manpacks for highly mobile units.



COMMAND AND CONTROL SYSTEM

Othelo® C2 system collects data from various systems and multiple sites through the integration of heterogeneous sensors. This information is then merged into a single interface and a centralized database. The system provides supervision of all components, whether fixed or mobile. The map interface displays the real-time position of all systems, operators, and detected devices. Othelo® also enables the control of all key functions: detection, classification, visualization, neutralization, and interception.



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Specialty lubricants and synthetic esters for aircraft, helicopters as well as Air, Land and Marine military equipment. More than 60 years field experience in the defence business and pioneer research in the development of turbine oil have made NYCO a key partner for MROs, OEMs, Airlines, Armed Forces and Aero derivative Gas Turbines users around the world. We offer a wide range of lubricants for aircraft, helicopters as well as Air, Land and Marine military equipment; qualified under civil and military international specifications and approved by OEMs such as engine manufacturers and aircraft manufacturers.

NYCOLUBE 127 CLP BIO



Synthetic lubricating oil for weapons (CLP), containing anticorrosion and antiwear additives (operating from -51°C to +71°C). Excellent water-displacement properties.



NYCO GREASE GN 145



High performance grease designed to lubricate bearings, pins & sliding parts in military automotive equipment. Fortified with anticorrosion, antioxidant & anti-wear additives.



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PGM PRÉCISION

PGM Précision is a French manufacturer of high-precision sniper rifles and dedicated accessories. Founded in 1993, PGM Précision has established itself as a leader in the field of precision shooting and long-range shooting. Its products are present in more than 60 countries worldwide and are designed for armed forces and police snipers.



PGM MINI HÉCATE II



The PGM Mini Hécate II is a next-generation high-precision rifle designed to meet the most demanding operational requirements for intermediate-caliber weapon systems. Intended for snipers, this highly versatile weapon delivers maximum effectiveness in anti-personnel shooting at very long ranges, as well as in light anti-material shooting.

Featuring a new chassis with an integrated ARCA rail that allows the bipod to be mounted along the entire length of the handguard, as well as an adjustable stock that folds on the bolt side, this lightweight, compact, and robust weapon offers state-of-the-art ergonomics.

Compatible with proven calibers such as the .338LM, as well as the new .375 Swiss-P, the PGM Mini Hécate II is an evolutive multi-caliber platform ready to meet current and future operational challenges.



PGM HÉCATE II



The 50 BMG caliber Hécate 2 is a long range anti-material rifle. Intended for the trained marksman, this weapon is designed to shoot targets at more than 1800 m.

The precision and repeatability of this system ensure that the target is hit on the first attempt, while the power of the caliber ensures maximum effectiveness in anti-material targets.

The Hécate 2 was designed from the very beginning for military use. In addition to great precision, it offers exceptional reliability (barrel lifetime of 12 000 shots).

Its ergonomic design is remarkable thanks to the fact that it is shorter and has less recoil than its competitors. Comfortable, robust and versatile, the Hécate 2, French made, is the best rifle of this caliber currently available on the market.

PGM Précision now also offers the 416 Barrett caliber on the Hécate II for shooting at distances of up to 3 kilometers.



PROENGIN

Proengin develops advanced CBRN detection solutions engineered for harsh environments, where reliability, rapid response, and fast deployment are mission-critical. From frontline portable equipment for field operations to platform and vehicle integrations, as well as command & control systems, Proengin supports operations from sensor to decision-maker through its Detect-Protect-Connect framework. Designed to protect people, assets, and critical infrastructure, Proengin solutions are built on a scalable architecture spanning local, central, and global layers. Based on flame spectrophotometry, Proengin technologies deliver universal, highly sensitive detection in under 2 seconds without reliance on libraries, enabling the detection of known, unknown, emerging, and aerosolized threats. Combining open architecture and system integration expertise, Proengin supports seamless interoperability across drones, vehicles, naval platforms, and battle management systems.

DETECTION & ADVANCED SAMPLING



Portable solutions, combined with advanced sampling technologies, enable the detection of threats in all their forms, including aerosols, liquids, solids, gases, and vapors. Aerosols, which are particularly challenging due to their variable particle size and dispersion behavior, are effectively detected thanks to Proengin's flame spectrophotometry technology, which operates without inlet filters and maintains high sensitivity in real conditions. The S4PF sampling solution further enhances detection capabilities by enabling the analysis of persistent agents and trace-level contamination through thermal desorption. Proengin sensing technology also integrates readily onto drones and robotic platforms, supporting reconnaissance and operations in high-intensity or denied environments.



ADVANCED BIOLOGICAL DETECTION



Proengin biological detection solutions combine flame spectrophotometry technology with continuous environmental learning algorithms to deliver reliable biological and aerosol threat detection in real operational conditions. Designed for harsh indoor and outdoor environments, including dusty, humid, tropical, desert, cold, and polluted conditions, these systems continuously analyze ambient air while adapting to environmental variations and airborne interferences that commonly generate false alarms with other technologies. Integrated into vehicles, shelters, infrastructures, and larger CBRN systems, Proengin solutions provide rapid warning, operational resilience, and enhanced protection for forces.



AIRBORNE CBRN DETECTION



For aerial platforms, Proengin provides advanced drone-based detection solutions that extend operational reach. By integrating its technology into UAVs, it enables real-time detection with high sensitivity, including on-the-move operations. This enables unmanned detection missions, reducing operator exposure and supporting safer assessment of hazardous areas. These systems detect a wide range of threats, including CWAs, TICs, PBAs, opioids, Novichok agents, as well as binary, homemade, and emerging threats. Combined with real-time data sharing, dashboarding and mapping, and integration into Proengin SHIELD, these solutions deliver full situational awareness and support rapid deployment.



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PROENGIN

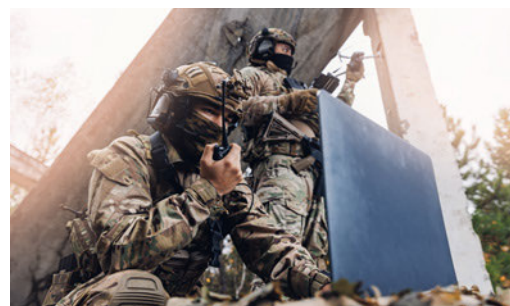
INTEGRATED CBRN PLATFORM & ROBOTIC DETECTION SYSTEMS

For land platforms, including vehicles and robotic systems, Proengin delivers integrated detection solutions combining chemical, biological, and radiological sensors within an open, interoperable architecture. Proengin technology integrates seamlessly with third-party sensors, enabling continuous monitoring, real-time data acquisition, and advanced visualization and mapping tools. Powered by Proengin SHIELD Threat Management Appliances, these systems provide high connectivity, functional autonomy, and scalable deployment from single units to larger infrastructures. Integration capabilities improve operator safety while sustaining reliable performance in harsh, mobile, and high-intensity operational environments.



LOCAL SITUATIONAL AWARENESS

At the local layer, Proengin solutions provide real-time field data transmission with live operational mapping, precise sensor localization, and full threat visualization. Systems support perimeter delimitation, coverage grids, and drone altitude integration for enhanced situational awareness in drone and robotic operations. Designed for degraded environments, local systems maintain functional autonomy, preserve core capabilities during communication loss, and sustain tactical resilience and operational continuity in critical missions.



CENTRAL CBRN THREAT MANAGEMENT

At the central layer, Proengin delivers advanced threat management solutions for mono-site operations and multi-subsystem coordination. These systems collect, fuse, and deconflict multi-source data to provide a unified CBRN operational picture and support real-time reporting. Centralized dashboards and decision-support tools enhance situational awareness, mission planning, and operational coordination. Combining open architecture capabilities with system integration expertise, Proengin solutions deliver seamless interoperability with existing battle management systems while enabling synchronized, efficient responses across complex operational environments.



GLOBAL CBRN COMMAND & CONTROL

At the global layer, Proengin systems enable multi-site supervision and strategic decision-making from centralized command centers located anywhere in the world. These solutions provide a single operator interface with real-time dashboards, global mapping capabilities, and multi-site localization, supporting high-level coordination, governance, and mission oversight. Proengin systems are capable of integrating and aggregating numerous detectors according to operational requirements. By consolidating data across all operational layers, Proengin Command & Control Systems deliver a clear global operational picture for faster, informed strategic responses in critical CBRN scenarios.



Proengin

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PRONAL

With over 65 years of experience working closely with world armed forces designs, manufactures, installs, distributes and maintains, with offers standard, tailor-made & turnkey solutions for fuel and water logistics. Our flexible engineering solutions are highly versatile and can be quickly deployed on-site, easily transported by trucks, helicopters, or vehicles. They are suitable for transportation by land, sea, or air.



RAM



Pronal presents its bolted fuel tanks (RAM) used by French Army is a bolted tank that combines the advantages of conventional steel tanks and those of **flexible tanks for the storage of hydrocarbons**. Mobility, deployment, modularity. It is composed of : — A metal structure made of sheets bolted together, — A roof made of cladding, beams, and a PVC liner guaranteeing its tightness, — A hot vulcanized internal liner in elastomer reinforced with textile fibres, compatible with NATO fuels. — Level measurement — Cooling crown. Transported in two 20' ISO containers, with its tools, **it is installed by 5 people in 7 days**. Additionally, Pronal's commitment to mobility improvement is showcased in their systems vehicle & aircraft lifting air bags, crafted from innovative materials to support missions with enhanced mobility.



FLEXIBLE FUEL TANKS



Flexible fuel tanks represent the best logistical solution for storing **hydrocarbons**. Their modest volume when "emptied and folded" is only equal to about 1% of their nominal storage capacity meaning that they can be simply and rapidly transported, no matter where they are to be installed.

The strength of these tanks coupled with the rapidity of their installation (**less than 4h for a 300 m³ tank**) means that they have become the preferred fuel storage system for organizations working in remote areas.



SEAL DRUM / TOWABLE



Our towable and heli-transportable flexible tanks (APFC) have been designed for supplying fuel to advanced units (**FARP, forward advance refueling point**) by **aircraft, helicopter, or ground vehicle**. Depending on their volumes, they can be transported, carried by sling, or rolled. These flexible tanks have a very strong design, and when filled can even be dropped from a height of **12 meters (for the 200 liter tanks)** or from a height of **5 meters for the 1000 and 1900 liter tanks**.



THE PUMPING FILTRATION MEASUREMENT MODULE (MPFM)



Measuring Pumping Filtration Modules (**MPFM**) are key elements in downstream **fuel logistics for diesel, kerosene, petrol, or avgas**. When employed in a secondary or advanced fuel depot, in both civil and military contexts, this single unit can house all the devices that are required for: — **Unloading — Loading** (dome or source), — Micro-filtering particles (up to 10 microns) — Separate water from the product, — Degassing the fuel before it is measured, — Measuring delivered or received fuel.



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RAYXAGON

RayXagon develops and manufactures innovative optronic devices in France for security and defense professionals. We design night vision, thermal imaging, and augmented reality systems through our in-house engineering department and close collaboration with elite units. This field-driven approach enables us to deliver robust, reliable, and intuitive equipment tailored to demanding operational environments. RayXagon products are designed and assembled in France, with a strong commitment to quality and technological sovereignty.



RNVB



RNVB represents the most advanced evolution of our night vision devices, exclusively designed for professionals requiring extreme performance. Equipped with high-end 16 mm or 18 mm Photonis image intensifier tubes, variable gain control and a mechanically reinforced architecture, it delivers maximum performance in degraded conditions.

Starting at only 435 g depending on configuration, the RNVB combines an ultra-lightweight design with exceptional ruggedness. Its housing is manufactured from a carbon fiber-reinforced high-performance polymer, providing outstanding strength-to-weight characteristics and enhanced resistance to impact and operational stress. This advanced construction reduces operator fatigue during extended missions without compromising durability or operational capability.



Waterproof down to 20 meters, resistant to extreme temperatures and fitted with high-level electronic protections against overvoltage, overcurrent and reverse polarity, it also integrates a redundancy system for key components. This helps prevent critical damage to the device in severe operational scenarios, such as high-intensity blasts, projectile impacts or other major external threats.

Its power system ensures reliable operation with different types of batteries commonly used in operational configurations. The integration of an external power supply, interoperable with current standards, significantly extends runtime (up to four times longer) to meet the requirements of extended missions.

The binocular is finished with a Cerakote NiR coating and can be customized in the desired color: Flat Dark Earth, Ranger Green or black.

RNVB ensures night superiority, absolute reliability and mission continuity.



RENK FRANCE

Mobility solutions for medium and heavy armored vehicles.

RENK France develops, manufactures and maintains automatic transmissions and powerpacks for armored wheeled and tracked vehicles with power ranges from 550 hp to 1,900 hp.

Moreover, RENK France is now able to manufacture locally the entire HORSTMAN product range



WHEELED VEHICLE TRANSMISSION: ESM280



The ESM280 is a compact transmission designed for medium and heavy duty armoured wheeled vehicles (new and legacy). It can handle from 550 hp to 850 hp and a maximum torque of 3,500 Nm.

Designed to deliver:

- Maximum, sustained performance under extreme loads
- Superior manoeuvrability on difficult terrain
- Uninterrupted traction
- Long-term independence from civilian technology cycles

This new transmission will be officially unveiled at EUROSATORY on the RENK booth J280



TRACKED VEHICLE TRANSMISSIONS: ENC200, ESM500, ESM350, HMPT, HSWL295, HSWL406



RENK France supplies transmissions for tracked armoured vehicles, including IFVs, Artillery vehicles and MBTs, with full lifecycle support delivered independently or with the RENK Group.

The HSWL406 is a Franco-German development currently in progress. Available from 2028, it is designed for current and future MBTs and ready for robotisation from day one.

Power: up to 1,900 hp, with 6,400 Nm maximum torque



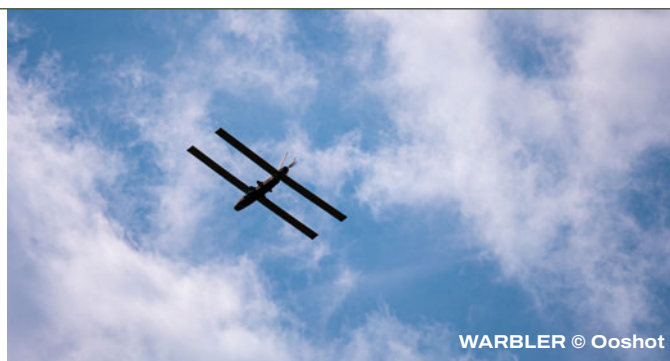
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SAFRAN ELECTRONICS & DEFENSE

Safran Electronics & Defense is a global leader in high-technology solutions for aerospace, defense, and space markets. With over 19,000 employees worldwide, the company designs and delivers cutting-edge systems and equipment that enable civil and military customers to observe, decide, and guide missions across land, sea, air, and space domains. Safran Electronics & Defense combines deep technological expertise with strong program management to support sovereign capabilities and operational superiority.



WARBLER © Ooshot

COMBAT SYSTEMS FOR THE HIGH-INTENSITY BATTLEFIELD



As modern conflicts reshape operational doctrines, armed forces require combat systems combining precision, autonomy, resilience, and rapid deployment in contested environments. Leveraging decades of expertise in autonomy, navigation, optronics, guidance, mission systems, and artificial intelligence, Safran Electronics & Defense develops sovereign, integrated combat solutions designed to deliver tactical superiority from the front line to deep strike operations in high-intensity warfare.



THUNDART © MBDA

A cornerstone of Safran's strike capabilities, the AASM HAMMER system provides fighter aircraft with stand-off precision engagement capability in all-weather conditions, against both fixed and moving targets. Combat-proven on multiple theaters of operation, AASM HAMMER combines high accuracy, extended range, and a modular guidance architecture, making it one of the most versatile precision-guided munitions available today.

Building on this expertise in resilient navigation and precision strike, Safran is also shaping the future of long-range fires through THUNDART, developed in partnership with MBDA within the framework of the French FLP-T program. THUNDART combines Safran's guidance and navigation technologies — derived from AASM HAMMER — with MBDA's strike-system expertise to deliver precision engagements up to 150 km, including in contested and GNSS-denied environments. Fully sovereign and ITAR-free, the system is designed to provide European armed forces with enhanced deep-strike capability and operational agility for high-intensity conflicts.

In the field of loitering strike systems, the WARBLER medium-range loitering munition provides deep precision engagement capability against high-value targets. Designed for contested and GNSS-denied environments, WARBLER combines autonomous navigation, onboard intelligence, resilient mission systems, and flexible deployment modes. Capable of operating in loitering or one-way strike configurations, individually or in coordinated salvos, the system addresses the growing need for responsive and survivable strike effects beyond the front line.

Complementing these kinetic capabilities, SKYJACKER C-UAS solution addresses the rapidly evolving threat posed by hostile drones on the battlefield. Designed to detect, identify, and neutralize unmanned aerial threats, SKYJACKER C-UAS solution contributes to the protection of deployed forces and critical infrastructure in increasingly saturated aerial environments. Fixed and mobile integrations allow an adapted deployment to every situations. Safran optronics, C2 and system expertise is the spine of this MOSA multilayered and interconnected C-UAS system which satisfy to the great variety of operational needs.

Supporting ISR missions, the LANNER light tactical drone represents a new generation of compact and highly deployable unmanned systems. Combining operational agility, autonomous functions, and a reduced logistical footprint, LANNER is designed to support reconnaissance, surveillance, and target acquisition missions in complex operational environments close to the front line.

Across its combat systems portfolio, Safran Electronics & Defense combines operational experience, sovereign technologies, and industrial scalability to support armed forces facing the challenges of future high-intensity conflicts. From tactical ISR and precision strike to deep fires, autonomous effects, and counter-UAS protection, Safran delivers integrated combat capabilities designed to ensure operational superiority in tomorrow's battlespace.



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SBG SYSTEMS

SBG Systems designs and manufactures high-performance inertial navigation solutions for defense applications. Our compact, rugged IMUs and INS provide precise positioning, navigation and attitude data in GNSS-denied or contested environments, enhancing situational awareness and mission effectiveness across land, naval, airborne and autonomous defense platforms worldwide.



STELLAR-40 INS



SBG Systems' latest flagship for defense and mission-critical applications, Stellar-40, is a tactical-grade Inertial Navigation System engineered to perform where conventional navigation fails. Designed for land, air, and marine platforms, it integrates a tactical-grade IMU, a GNSS receiver, and advanced sensor fusion algorithms within a compact and rugged enclosure. OpenPR



Stellar-40 is built around two core defense requirements: mechanical resilience and electronic warfare resistance. A three-level vibration mitigation architecture — combining dampers at the IMU sensor level, a resonance-free enclosure, and custom external dampers — isolates the unit from harsh vehicle dynamics. Hydro International Against electronic threats, the system incorporates a high-performance GNSS receiver with active mitigation against jamming and spoofing, and relies on multi-sensor fusion and dead-reckoning capabilities when GNSS signals are degraded or unavailable — ensuring that loss of signal does not mean loss of situational awareness.

PULSE-40 IMU



Pulse-40 is a miniature 6DoF tactical-grade IMU embedding low-noise MEMS gyroscopes and accelerometers, designed to deliver optimal performance in all conditions without compromise on SWaP. Pulse-40 it achieves tactical-grade performance in a form factor suited to size-constrained platforms including UAVs, guided munitions, and embedded weapon systems.



ELLIPSE-D



Ellipse-D is a compact inertial navigation system with integrated GNSS, engineered for demanding defense applications. It delivers reliable position, velocity, and orientation data through advanced sensor fusion algorithms, ensuring operational continuity even in GNSS-denied or jammed environments. Its small footprint and low power consumption enable seamless integration into land, naval, and aerial platforms, including UAVs and embedded systems. Ellipse-D enhances navigation, stabilization, targeting, and situational awareness, providing armed forces with accurate and dependable data critical to mission success in contested and dynamic operational theaters.



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SCANIA DEFENCE SOLUTIONS

Scania is a world-leading supplier of transport solutions. With more than 110 years' experience of deliveries to national armed forces, Scania is recognised for cutting-edge technology and operational reliability in numerous defence applications.



DESIGNED TO PERFORM, BUILT TO DELIVER



The ability “to get there and back” is one of the major reasons why Scania vehicles are the first-hand choice among numerous nations and aid organisations. A Scania is always ready to accomplish – in all climatic conditions and challenging environments. Our durable and robust design is the result of extensive testing in challenging environments, supported by millions of kilometres of feedback data. Add to that, a wide portfolio of power solutions offerings to meet all operational criteria, such as heavy haulage V8, to smaller logistic vehicle with 5-cylinder engine. Superior robustness, optimised torque paired with unparalleled fuel economy mean great availability – and a safe and sustainable investment. Therefore, our engines are developed to handle the most demanding operations and environments, making them perfectly suited for heavy duty vehicles and boats.

A full system solution

Scania's renowned modular design and production not only means that all parts are maintainable, it also ensures that we can meet various customer requirements. This approach allows more vehicle types to be built using fewer parts and more shared components, reducing complexity and simplifying support systems. Thanks to this unmatched commonality, Scania can deliver tailor-made defence solutions for unique applications as well as large volumes of standardised vehicles.

Worldwide network

Defence solutions from Scania have a modular design which means they share a common platform to nondefence vehicles. As a result, all the 2,100+ Scania service workshops in the world – including more than 500 specialised Power Solution workshops – are fully equipped and trained to service and maintain our defence vehicles 365 days a year.

The service can be carried out in various ways, entirely adapted to our customers' needs. The vehicle can be transported to one of our Scania workshops around the world or, if assistance is needed at a very remote location, a mechanic can make urgent maintenance and repairs on site. We are also able to offer shared workshops and integration of maintenance resources within our defence customers organisation.

Thanks to the modular system with common components, our vehicles are subject to fast and easy repair and maintenance by trained staff. This means that the defence vehicle is kept in the best possible condition and allows Scania to deliver proactive obsolescence management.



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SCANIA POWER SYSTEMS

With a Scania engine propelling your vessel, you can be confident that it's not only outstanding when it comes to fuel efficiency and power-to-weight ratio, but, that the reliability, service life and service ability are all best-in-class. Scania Marine Auxiliary engines are designed to secure reliable power at constant speed of 1500 or 1800 rpm, and can also help make your propulsion system more sustainable with auxiliary engines installed as part of a diesel-electric operation or back-up engines for the fully-electric installation



MARINE ENGINES



Scania marine power systems can be found in different applications around the globe, from pushing heavy barges upstream and managing heavy-duty auxiliary applications, to propelling high-speed crew transport vessels to remote off-shore locations.

With the addition of our new electrical drives, battery packs and optional equipment, the power solution from Scania can truly cover the needs of both today and the future.

Our reliable, efficient, and compact engines and electrical motors are built on Scania's global modular platform. This brings benefits when it comes to cost competitiveness, parts availability, serviceability as well as our strong after-market support. Most of our marine power sources, including electrical systems and instrumentation, are verified and type-approved by the leading classification societies.



Our strong after-market support.

ELECTRIFIED MARINE SOLUTIONS



No matter if you're looking to increase performance, or reduce emissions and fuel consumption – we have both hybrid and battery electric solutions that make the most out of your vessel, in a sustainable way.

Hybrid and fully electric solutions

Our in-house developed electric solutions draw on Scania's long experience, knowledge, and technology from electrifying on-road vehicles, resulting in high system reliability and outstanding performance in a compact design.

This also facilitates builder design, installation, and maintenance. Like all Scania power systems, the electric components are modular and scalable, and thereby suitable for a number of different applications.



EXTENDED STORAGE



Extended storage allows a Scania power solution not yet in use, whether installed or not, to be stored either at Scania or a customer facility without initiating the Basic Warranty period.

Extended Storage prolongs the standard Basic Warranty window, providing manufacturers with additional time for installation, sales or with an opportunity to ensure end-users obtain the full Basic Warranty period.



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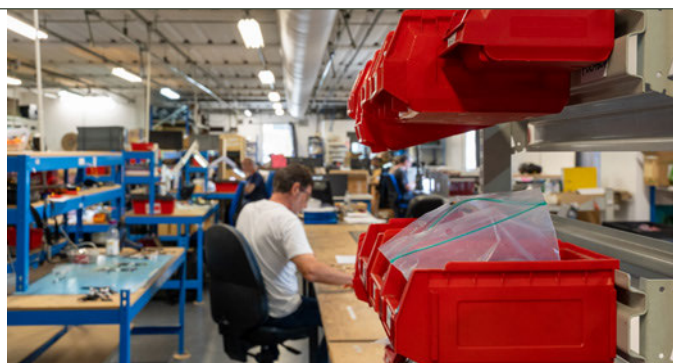


SNI

SNI specializes in cable and wire harness assembly for small and medium production runs.

With 28 experts, it delivers strong expertise in connector integration and complex assemblies.

IPC-A-620 compliant, it ensures quality and traceability while supporting clients from prototyping to production.



CABLE AND WIRE HARNESS MANUFACTURING



SNI specializes in the manufacturing of cables and wire harnesses for small and medium production runs, delivering reliable and high-quality solutions for demanding industries.

With over 20 years of experience and a team of 28 skilled professionals, the company has developed strong expertise in the integration of a wide variety of connector systems, including Amphenol, Stäubli, TE Connectivity, and Deutsch.

From standard cables to highly complex harnesses and wiring assemblies, SNI adapts its production to the specific technical requirements of each customer.

All manufacturing is carried out in-house at the Grenoble facility, ensuring complete control over quality, lead times, and traceability. Each assembly is individually tested in compliance with IPC-A-620 standards. SNI supports customers from prototype development to small and medium series production across sectors such as defense, medical, and rail.



INTEGRATION & ASSEMBLY



In addition to cable and wire harness manufacturing, SNI provides complete integration services for electronic and electromechanical systems.

The company supports customers throughout the entire project lifecycle, from prototype design and industrialization to small and medium series production.

Thanks to its expertise in wiring, connectors, assembly, and testing, SNI delivers fully integrated and ready-to-use solutions tailored to demanding applications.

All operations are performed internally at the Grenoble production site, allowing strict quality control, full traceability, and excellent responsiveness.

Working closely with its customers, SNI adapts to specific technical constraints and production requirements while ensuring high reliability and consistent performance.

Since 2005, SNI has been serving strategic industries such as defense, medical, and rail, where precision, durability, and compliance with strict standards are essential.



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SOFRAME

Soframe develops, manufactures, and supports high-performance tactical mobility and logistics platforms for global defense and security applications. Building on a legacy of innovation (formerly Lohr Défense), Soframe combines French engineering excellence with strategic international partnerships to deliver durable, reliable solutions tailored to the most demanding operational environments



MULTIPURPOSE ARMORED VEHICLES

We design vehicles for the full spectrum of forces needs: transport, reconnaissance, command, engagement,....

Based on proven 4x4 platforms, these vehicles guarantee high off-road mobility, rapid development, and simplified field maintenance. Our focus is on high-level ballistic and mine protection paired with optimized payload capacity. An open architecture ensures the seamless integration of weapons, sensors, and communication equipment, providing maximum performance and crew safety in the most demanding environments.



HRV – HEAVY RECOVERY VEHICLE

The HRV is a logistical workhorse utilizing a civilian 8x8 chassis to optimize mobility while reducing maintenance and logistics costs. It is equipped with a tow arm for tow-pull and tow-lift modes (wheels, axles, or kingpins), a hook crossbar, and a powerful winch, allowing the recovery of immobilized vehicles up to 50 tons GVWR. Optional rotating boom and dual-winch systems enable recovery in hard-to-reach areas without repositioning the truck. A modular armored cabin ensures crew protection against high-intensity threats : kinetic projectiles, artillery shell fragments, Anti-Tank Mines, IEDs and CBRN agents.



MRAP - MINE RESISTANT AMBUSH PROTECTED VEHICLE

Specifically engineered for survival against asymmetric threats, our MRAP features a reinforced chassis and a V-shaped hull to optimize blast deflection and minimize impact on the cabin. Combining robustness and versatility, it operates on rugged terrain with modular armor levels tailored to mission requirements. As a "mobile fortress," it integrates advanced communication systems and ergonomic comfort, allowing security forces to operate with confidence in critical environments.



SPECIAL OPERATIONS FORCES VEHICLES

We provides a comprehensive ecosystem of armored platforms engineered for the extreme requirements of Special Operations Forces (SOF). Balancing stealth, agility, and firepower, our range covers every operational phase: from the rapid-intervention Venpir and all-terrain Outfielder, to the heavy-duty Special Forces Zetros. These modular platforms empower SOF units to project power and maintain tactical agility in contested and asymmetric environments.



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SOFRAME

MULTIPURPOSE LOGISTICS CARRIER



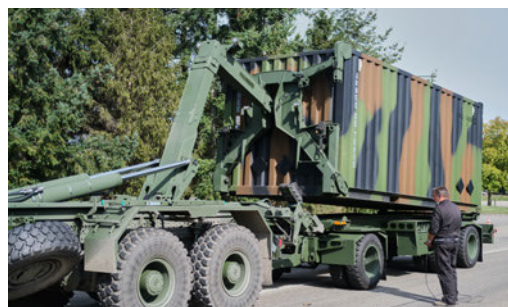
Designed for maximum sustainment, our carriers deliver critical supplies across any theater, from rugged backcountry to urban centers. Featuring a modular architecture, these platforms are rapidly adaptable to specific cargo and towing needs, ensuring seamless integration. Robust and resilient, Soframe's logistics solutions guarantee that the right material reaches the right place at the right time.



TRAILERS AND SEMI-



Soframe manufactures high-performance trailers and semi-trailers to maximize the logistical capacity of military and security forces. These robust solutions enable the secure movement of heavy equipment, munitions, and specialized modules across challenging terrains. Focused on structural durability and seamless integration with existing tractor fleets, our platforms optimize resource distribution and enhance power projection.



UNMANNED GROUND VEHICLES (UGV)



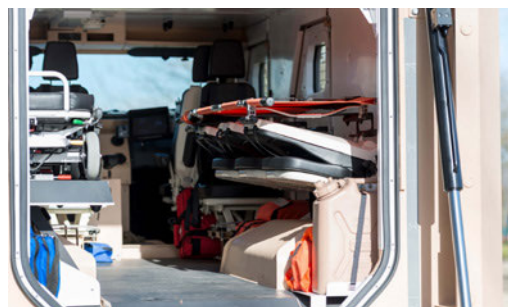
Positioning itself as a key player in battlefield robotization, Soframe transforms industrial armoring expertise into high-performance, remotely operated platforms. From exploring hostile terrain to secure transport, our UGVs provide unprecedented tactical flexibility. By integrating remote command systems with proven robustness, Soframe enhances operational precision while maximizing crew safety.



PROTECTED AMBULANCES



Dedicated to CASEVAC and MEDEVAC missions, our protected ambulances bridge the gap between the battlefield and medical care. They combine superior ballistic and mine protection with high-performance off-road mobility. Featuring modular medical cabins tailored for casualty stabilization and transport, Soframe ensures that medical crews can operate with confidence while maximizing the survival rates of wounded soldiers in demanding theaters.



SOGECLAIR LAND SYSTEMS

SOGECLAIR LAND SYSTEMS (ex SERA Ingénierie) supports its customers as an expert in mobility and land robotics.

Our company leverages extensive expertise in architecture, static and dynamic simulation, and vehicle behavior. Building on our experience in motor racing, SOGECLAIR LAND SYSTEMS has developed versatile know-how in the design and manufacture of rolling systems (cars, trucks, tractors, UGVs...) and offers solutions tailored to civil, industrial/ agricultural, or military applications.

We are involved in all stages of the product lifecycle, from concept research to qualification, offering a comprehensive range of services including design and calculation, performance evaluations, component integration, ground link, power transmission sizing, manufacturing, testing, and certification.

VEHICLE MODIFICATIONS AND EQUIPMENT INTEGRATION

SOGECLAIR LAND SYSTEMS is a leader in vehicle modifications and custom equipment integration, offering specialized expertise in vehicle architecture and dynamic behavior.

We provide a comprehensive range of services, including static and dynamic performance simulation, suspension, component integration, bodywork, hydraulic and pneumatic systems, as well as testing benches and homologations.

Areas of expertise:

- Vehicle architecture
- Static and dynamic performance simulation
- Suspensions
- Bodywork and aerodynamics
- Structures and mechanical parts
- Plastic parts design
- Hydraulic systems and components
- Control law simulation for mobility
- Test benches and special-purpose machines
- Drivetrain design (hybrid transmission)
- Certification / homologation

Equipment Integration

- Counter-IED radars and detectors
- Power supply / energy management
- Hulls
- Tracks
- Software and robotics interface

3D scanning and data processing • Analysis of new electrical power requirements • Dynamic analysis • Start of integration



STÄUBLI

Stäubli is one of the leading manufacturers of quick release couplings, with over 70 years' experience in providing high-quality connection solutions for all types of energy in all industries.

Our expertise and global presence allow us to participate in all major international projects to provide highly effective and high performance technical solutions for targeted applications.

Stäubli develops quick connection solutions that are ideal for extreme operating conditions at sea, on land and in the air. With broad and profound expertise in the most specific applications, Stäubli offers an unlimited response to its customer's requirements.

We cover very demanding applications such as liquid cooling, air conditioning, oxygen generating, refuelling, breathing air, hydraulics, etc.

STÄUBLI - ADVANCED CONNECTION SOLUTIONS FOR EVERY INDUSTRY



Defense and Aeronautics : sectors with strict requirements.

The propulsion, power, and control systems of aircrafts, subsea technology, radars, missiles or land vehicles do not tolerate the slightest failure.

There are numerous fluid and electrical connections in military fields for refuelling, breathing air supply, air conditioning, hydraulic circuits, and cooling electronic equipment such as converters, batteries, electric motors, etc.

Each connection is a vital link, essential for the neat operation and subject to extreme conditions of use, e.g. high differences in temperature, shock, and vibrations.

Stäubli has been working in partnership with the Defense industry on major international projects for over 70 years. It is recognised for its expertise and ability to supply connection solutions, which perfectly meet the specific requirements of this market.



STÄUBLI

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SYSNAV

Founded in 2008, Sysnav is a French deep-tech company specializing in geolocation and motion capture. The company develops high-precision, infrastructure-free navigation solutions designed for complex environments and GPS-denied conditions. Its patented magneto-inertial technology is used in healthcare, industrial safety, airports, and military applications for Blue Force Tracking, both in France and internationally.



LOCINDOOR - PERSONAL LOCATION DEVICE - GPS-DENIED ENVIRONMENTS



Assured PNT in contested environments: SYSNAV redefines navigation for dismounted soldiers

Recent conflicts have demonstrated that GPS cannot be relied upon in contested environments due to jamming, spoofing, urban canyons, and underground operations.

SYSNAV has developed and patented a magneto-inertial geolocation technology: a lightweight wearable solution capable of continuously tracking soldiers' positions in three dimensions, even in GPS-denied environments (GPS jamming, indoor operations). The system combines MEMS sensors with magnetic field gradient measurements to deliver precise, low-drift positioning. The solution requires no external infrastructure and operates indoors, underground, or in heavily jammed environments.

The device enables real-time blue force tracking and position sharing across the team, displayed on any tactical map. Man-down alerts detect immobility or falls and guide teammates to the operator's exact location.

SYSNAV is a contributor to the French Ministry of the Armed Forces' Centurion program, where it is developing Locindoor for future dismounted soldier capabilities.

This institutional recognition was further confirmed at Forum Innovation Défense 2025, where SYSNAV received the AAT-Ingénieur général Chanson Prize from General Pierre Schill.



About the SYSNAV system:

- Real-time position tracking
Individual tracking in X, Y, and Z axes (indoors and outdoors)
Group tracking and position sharing
- Retrospective training
Trajectory replays
Performance measurement
- Marking points of interest
- Man-down alerts
- Data privacy & cybersecurity : encrypted protocols

Technical Information:

- Compatible with all communication systems
Tactical radio, WiMesh, PMR LTE, 4G, 5G
- Accuracy without recalibration
1% of the distance traveled
- Operating temperatures
Operating range: -10°C to 55°C
- Tactical situational awareness
Display of positions on SITAC / GIS
Compatible with the ATAK framework



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THALES

Thales delivers mass-scale, combat-proven solutions for high-intensity operations, ensuring tactical superiority and strategic independence for armed forces.

As a trusted partner, Thales designs mission-ready systems (AI, cybersecurity, quantum tech) to protect populations and uphold national sovereignty.

Through accelerated production (loitering munitions, hybridisation kits) and local partnerships (SMEs/startups), Thales meets urgent needs while investing in long-term innovation. Human oversight remains central to our AI-driven, OODA-loop-optimised aeroterrestrial systems, guaranteeing operational dominance today and tomorrow.

COMBAT

From tactical protection against air threats and drones, to battlefield transparency enabled by radars, optronics, electronic warfare and connected combat systems, Thales helps forces detect, decide and act faster.

Thales delivers optimised, coordinated and precise firepower—including advanced artillery, long-distance strike capabilities and helicopter-launched munitions—through integrated sensors, effectors and resilient communications, perfectly suited to the demands of high-intensity modern warfare.

COMMAND

With an integrated approach combining resilient connectivity, advanced intelligence exploitation, AI-assisted C2 and coordinated engagement, Thales provides the foundation for decision superiority, operational resilience and freedom of action, with interoperability across NATO and FMN environments, as well as with third-party and legacy systems.

PROTECT

Thales helps armed forces protect sovereignty, critical infrastructure, military assets and deployed forces with combat-proven, end-to-end protection solutions (sensors, command and control and effectors).

Thales offers multi-layered protection systems to detect, assess and neutralise the full spectrum of threats, from drones to hypersonic missiles.

TRAIN AND SUSTAIN

Thales helps forces sustain the pace of operations through responsive, end-to-end solutions that combine deployable maintenance, AI-assisted support tools, efficient repair and spares management, and long-term sustainment. Thales also helps forces train with a level of realism close to operational engagement.

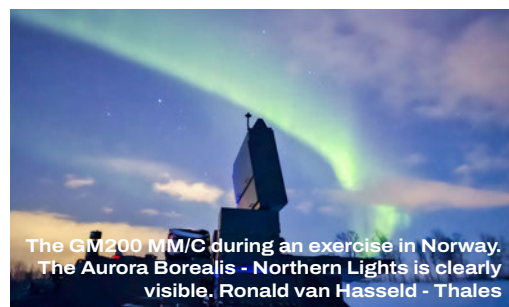
Thales' simulation solutions cover instrumented tactical training, armoured vehicle crew training, and small-arms shooting, helping prepare forces for current and emerging threats.



The 120 mm Rifled Recoiled Mounted Mortar (2R2M) offers high mobility, automated shoot & scoot capabilities, and quick response times with advanced crew protection. Adrien Daste



Presentation of Hexaforce during TechTerre, 2025. Maxime Legrand - LC-Productions



The GM200 MM/C during an exercise in Norway. The Aurora Borealis - Northern Lights is clearly visible. Ronald van Hasseld - Thales



Thales CERBERE live combat training system. Thales



TITAN DEFENSE

TITAN DEFENSE is the global *specialist in refueling solutions for military use in tactical environments, including high mobility and flexible fuelling capabilities.*

We design, manufacture and support tactical refuellers, hydrant dispensers, containerized solutions, deployable systems and equipment for special operations and FARP.

TITAN DEFENSE offers maintenance and refurbishment services as well as expertise in training and technical support.



TACTICAL REFUELLER



The **TITAN-ZR7** is the last high mobility refueller designed by **TITAN DEFENSE**.

Built on a Mercedes Benz ZETROS 6x6 chassis, this tactical refuelling vehicle, dedicated to the armed forces in advanced fields, can make impressive crossings, up to 0.8 m and 35° climb.

Adapted to harsh environments, this off-road chassis supports a complete petroleum unit composed of a 7,000L tank and a refuelling module. For this vehicle, the torsion-free platform of the tank offers better off road capabilities.

The unparalleled flexibility offered by the torsion-free technology ensures the infallibility of the fuelling unit.

Even the most uneven terrain can be traversed without risking damage to the tank.

This high-performance refueller can reach a flowrate of 1300 LPM thanks to 2 hoses, underwing and overwing, with interchangeable nozzles and pressure-controlled flowrate



HYDRANT DISPENSER



The **TITAN DEFENSE** high flow rate hydrant dispenser is equipped with 2 deck hoses, with a flow rate of 1500 LPM each, as well as a 25 m hose at 1000 LPM.

Used by the French Armed Forces, this hydrant dispenser is daily deployed on hydrant airports, on all types of military aircraft, in particular in-flight refueling type A330MRTT, KC135.

Commercial refueling is possible because all EN and JIG safety standards are taken into account from the design stage.



5000 L AIRCRAFT REFUELLER



TITAN DEFENSE 5000L refueller is a compact vehicle adapted to refuel on base.

Equipped with a distribution line of 30m, with a flow rate of 400 LPM, with interchangeable nozzle, this vehicle can refuel rotary wing. It can also provide defueling functions.

It is compatible with all types of fuel.

Road homologated (ADR), the refueller is also international aviation standard compliant (JIG, EN).



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TOUTENKAMION GROUP

Toutenkamion Group is a French industrial group specialising in mobile mission-critical solutions, with annual revenues of €50 million and a workforce of more than 400 employees. The Group is recognised as a European leader in the design, manufacturing, and transformation of truck cabs, mobile units, and shelters for defense and other high-demand operational environments.

Building on strong engineering expertise and a wide range of integrated technologies, we develop high-value solutions tailored to demanding operational and defense applications, positioning Toutenkamion Group as a trusted partner for complex mobility and embedded systems projects.

Supporting customers at every stage of the project lifecycle, Toutenkamion Group provides end-to-end expertise, from system design and qualification to in-service support, MRO services, and spare parts management.

INTEGRATED RUGGED SOLUTIONS FOR MOBILE DEFENSE AND COMMAND SYSTEMS



Toutenkamion Group is a recognized integrator of rugged mobile mechanical subsystems, ensuring the structural integrity and operational availability of embedded systems.

Our expertise focuses on:

- **Specific mechanical structures and chassis:**
 - > Embedded technical platforms: vehicles, trailers, shelters
 - > Structural reinforcement of truck cabs
 - > Mechanical interfacing between vehicles and equipment: chassis...
- **Assembly and integration of sensitive equipment:**
 - > Electronic racks and cabinets
 - > Including shock-absorbing systems

We also possess **unique expertise in electromagnetic shielding (EMI/EMC)**.

Specialized in complex structures such as radar platforms and 10- to 40-foot command, control, and communication shelters for major defense players, we understand the unique operational requirements and stringent security standards of armed forces. Our products are designed and manufactured to achieve high levels of electromagnetic attenuation.

To ensure the highest manufacturing quality, we have invested in **unique capabilities within Europe for continuous welding on both thick and thin materials, as well as bonding and machining of large and complex composite panels**.

Our differentiated solutions are specifically engineered for **operation in severe environments**.

Our systems are designed to withstand:

- Shock and vibration: road transport, rail transport, and severe cobblestone conditions
- Extreme environmental conditions: temperature, humidity, dust, etc.
- Military operational constraints: multimodal transport, handling, deployment operations
- Severe electromagnetic constraints ensuring the protection of personnel, sensitive information, and mission-critical equipment

While fully complying with the lightweight requirements inherent to all mobile systems.

Our guiding principle is to ensure reliable equipment operation.

We integrate various types of mechanisms and actuators using simple, robust kinematics, including:

- Deployment systems (masts, extensions, access panels/openings)
- Solar panels
- UPS systems
- Generator sets
- Air-conditioning units
- Access mechanisms for electrical equipment (technical doors, drawers, pull-out racks)

Our process covers the **entire product development lifecycle: design, prototyping, and qualification**.

Finally, maintainability under operational conditions remains one of our highest priorities: component accessibility, subsystem modularity, rapid field replacement, and robust interface design.



TRAAK

TRAAK - Where no one else can

TRAAK is a French startup specialised in the development of innovative geolocation and biometric tracking solutions for challenging environments. Conceived entirely in France, TRAAK's products range provides innovative and polyvalent solutions where conventional solutions reach their limits.

TRAAK can meet all the needs of military units and law enforcement agencies including outdoor and indoor settings 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.

▶ **PIXYS 3D**



Locate everywhere even indoor

PIXYS 3D combines multiple positioning technologies in a single unit. GNSS for outdoors, proprietary Wheree technology for indoor and underground - with automatic and continuous transition between environments. Pixys 3D allows 3D metric positioning geolocation in outdoor, indoor and EW contested environments on a single device.



▶ **BASILIK**



Navigate without GNSS. Even under jamming.

BASILIK is a solution suite for autonomous drone and robot navigation in GNSS-denied environments. Fusion of multiple independent positioning sources, with no dependency on satellite, WiFi or cellular networks.

No single source. No single point of failure.

BASILIK fuses multiple independent positioning and navigation sources in real time. If one is jammed, degraded or absent, the others maintain navigation continuity.



▶ **THESEUS**



The **Theseus range** of trackers is available in three versions: Nano, Mini and Standard to address the full spectrum of Blue Force Tracking requirements for all types of missions.

Designed to support operator safety and team coordination in the field, the Theseus range offers worldwide connectivity, compatibility with non-standard networks, and a discreet form factor adapted to sensitive operations.



▶ **TRAAK-R // TRAAK-S**



Track. Discreetly.

TRAAK-R and **TRAAK-S** are programmable, modular and miniatures covert tags designed to meet the full operational requirements of law enforcement and intelligence agencies.

TRAAK-R, the reference covert tag for missions requiring maximum connectivity and total adaptability, adapts to every mission without compromise.

TRAAK-S is the benchmark of absolute discretion. Miniature, modular and high-performance, it is designed for the most demanding surveillance and investigation missions.



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TRANSPORTS CAPELLE

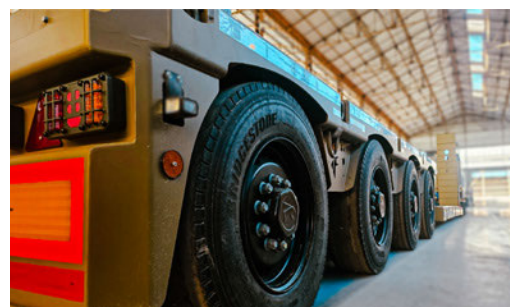
Since 1951, the Capelle Group has been putting its expertise in the transport of exceptional loads and rolling stock at the service of the defence sector. Our in-house design office and manufacturing workshops build transport systems (trailers and interfaces) that meet the most demanding technical and operational requirements. With turnkey solutions from design to handover, the Capelle Group provides a comprehensive service for both new and refurbished equipment.



ROAD TRANSPORT TRAILER SUPPLIES



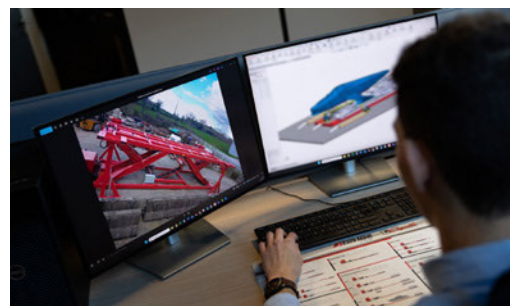
The Capelle Group supports your road transport trailer requirements in France and internationally, for both standard and special-cargo transport. Our expertise covers requirements analysis, manufacturing, sourcing, adaptation and modification for tailor-made solutions. We operate in the sectors of military equipment transport and the transport of fragile or specialised equipment, such as aircraft, oversized drones or sensitive equipment, ensuring safety, compliance and operational performance.



DESIGN AND MANUFACTURE OF TRANSPORT INTERFACES



Design and manufacture of transport interfaces for military equipment and special trailers. Whether you need to transport fragile (e.g. aircraft wings or drones) or oversized equipment, optimise your transport operations, or simply find a loading solution... we are here to build a solution with you. Whether in the form of a specialised chassis, trailer or handling equipment, these interfaces ensure the safe transport of sensitive and complex loads. Everything is designed in accordance with transport regulations.



RETROFIT / OVERHAUL



Retrofit of specialized trailers for defence, aerospace, space and all industries, with configurations ranging from 1 to 10 axles. Based on the manufacturer's specifications, our teams carry out a complete overhaul: metalwork, painting, replacement of fittings, suspension systems, and electrical and pneumatic systems. You give your equipment a new lease of life, whilst ensuring its reliability and operational readiness.



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TYNDALL FX

Tyndall FX is a French deeptech building the sovereign spatial intelligence platform for autonomous drones and robotic platforms. Our software turns any UAV's live video into real-time 3D maps and AI analytics, directly on the field — no cloud, no satellites, no LiDAR. Three products: Terramind (real-time 3D), Geomind (sub-5 m positioning without satellites) and Terraswarm (multi-drone fused 3D). Drone-agnostic — including NATO STANAG 4609 and MAVLink — with an open API for C2 and GIS integration.



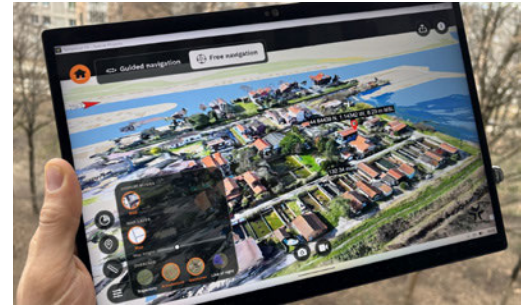
TERRAMIND



Terramind turns any compatible UAV's live video into a real-time, photorealistic **3D model** and **elevation map** of the operating area. Embedded AI detects and tracks people, vehicles and other UAVs directly on the live 3D scene — on-field, on the operator's tablet, with **no cloud and no LiDAR**.

Use cases — **Tactical reconnaissance**: a navigable 3D scene and line-of-sight analysis replace flat video, supporting mission preparation before engagement. **Damage assessment**: quantify rubble volumes, gap widths and access-route slopes with **sub-2% accuracy** on 3D distances, surfaces and volumes. **Drone scout for ground robots**: georeferenced terrain and elevation maps give UGVs the ground truth they need to plan safe approach paths before deployment.

Live 3D quality feedback during flight eliminates failed reconstructions and re-missions. **STANAG 4609** and **MAVLink** compatible, runs on off-the-shelf drones and standard Windows tablets. Open **REST API** and georeferenced exports (3D Tiles, GLB/OBJ, GeoTIFF) for native integration with C2, GIS and robotic mission systems.



GEOMIND



Geomind is mission-critical localization software that delivers **sub-5 m drone positioning** in GNSS-denied, jammed or contested environments — using only the drone's embedded sensors (camera, IMU, barometer). **No satellites, no LiDAR, no servers.**

When satellites fail, the mission keeps going. Geomind continuously fuses sensor data to maintain accurate positioning where GNSS cannot be trusted — indoors, in urban canyons, under jamming or after spoofing. Runs today on a portable ground terminal at the operator's side, designed for onboard UAV deployment. Natively compatible with Terramind, Geomind feeds georeferenced positions so the 3D scene stays anchored to real-world coordinates even without GNSS. Also integrates with autopilots, ground-control stations, C2 and GIS systems via standard interfaces.



TERRASWARM



Terraswarm is a **multi-drone software platform** that merges the live video feeds of several drones into a single, shared **3D operational picture** — built collaboratively on the field, with zero server dependency.

Each drone contributes to a common 3D model in real time, expanding coverage and accelerating area reconnaissance. Operators interact with one unified scene instead of switching between separate video feeds while AI-based detection operates across the fused 3D environment.

Powered by the Terramind engine, Terraswarm extends its capabilities from single-drone operation to operational swarms. Drone-agnostic, compatible with STANAG 4609 and MAVLink, and featuring open APIs for integration with C2, GIS, and mission-planning systems.



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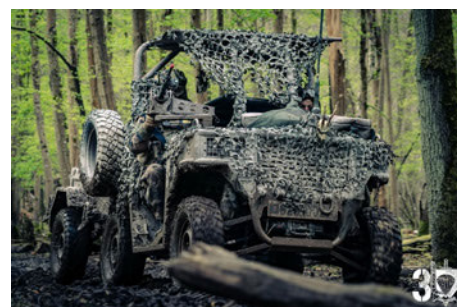
UNAC

UNAC designs and manufactures specialized vehicles for the Defense sector. Based in France, the company controls the full industrial cycle: design, development, serial production, and operational readiness support. Its compact and modular platforms, as well as its engineering vehicles, are built to operate in demanding and constrained environments. UNAC designs vehicles tailored for mobility, support or engineering missions. UNAC specialises in the design of vehicles that can be airtransported, airdropped, helitransported under sling, robotic or armoured. Its design philosophy prioritizes robustness, mechanical simplicity and field reliability. An integrated industrial base enables rapid adaptation to customer requirements and controlled production, both in series and for specific mission-oriented programs.

RIDER



RIDER is a high-mobility, robust, compact 4x4 vehicle with no electronic devices, designed for Special Forces and rapid deployment forces. It can be air-transported, heliborne under slings, or airdropped by parachutes. Operational units use it in a wide range of roles: mobility, logistics with a one-tonne payload, fire support, towing mortars or trailers, mobile command centre, and light reconnaissance in austere environments. 250 RIDER vehicles are currently in service with the French Army, deployed within the 11th Airborne Brigade. It is a field-proven platform, supported in service by UNAC as the manufacturer.



RIDER-UGV



The RIDER-UGV is a modular unmanned ground robotic platform developed on the qualified RIDER platforms. The industrial maturity of the RIDER enabled UNAC to win the ROBIN contract for 34 systems, demonstrating the platform's ability to integrate complex mission equipment. The RIDER-UGV generalizes this approach: on a single qualified and supported platform, a wide range of equipment can be plugged and operated, including a teleoperated fire-support module, ISR sensors, a CBRN module, a communications relay, a logistics platform, and a MEDEVAC module. It is a single qualified platform for a broad spectrum of roles.



ROBIN



ROBIN (ROBot for INvestigation) is a teleoperated ground-based robotic system developed from the qualified RIDER platform, which is common to all UNAC robotic solutions. Equipped with optical sensors and a robotic arm, ROBIN enables observation, inspection, and interaction with the environment to ensure the safe passage of a convoy. Designed as a specialised operational tool, ROBIN prioritises ease of use, robustness, and reliability in real-world operational conditions.



SAEP SYSTEM



The SAEP system is a programme of five complementary engineering systems built on a common architecture. They can be air-transported, heliborne under slings, or airdropped: a wheel loader, a soil compactor, a dumper, a water-tank trailer, and a tool-rack trailer. Designed as a coherent set of complementary assets, these machines are built for airdropable deployment to create, restore, or operate austere landing strips and rapidly re-establish entry and sustainment capabilities in isolated areas.



UTILIS

Faced with the resurgence of CBRN-E threats, protecting, isolating and decontaminating civilian populations, while supporting deployed forces, has become a major operational challenge. For nearly 30 years, UTILIS has been designing robust, modular and rapidly deployable infrastructure for defence forces, healthcare services, civil protection organisations and crisis response operators.



LEADER IN OPERATIONAL, MOBILE AND INTEGRATED SOLUTIONS



As a leader in operational, mobile and integrated solutions, UTILIS offers technical tents, deployable containers and mobile decontamination units capable of operating both in France and internationally. These systems meet the requirements for collective protection, isolation, emergency decontamination, continuity of care and command operations.



DEPLOYING DECONTAMINATION AND COLLECTIVE PROTECTION CAPABILITIES AS CLOSE AS POSSIBLE TO THE THREAT



Designed to anticipate and respond to CBRN-E risks, UTILIS solutions address the full range of healthcare requirements linked to crisis situations. Integrated, ultra-mobile and scalable for different levels of intervention, they can support the management of several dozen to several hundred victims per hour. They ensure the management, reception and orientation of both responders and victims, either close to sensitive infrastructure or directly on the crisis site.



THIS APPROACH IS REFLECTED IN PARTICULAR THROUGH:



- MAG 20™ Deconta tents, TM™/TMS™/TXL™ tents compatible with COLPRO;
- ELYTRON COLPRO and ELYTRON REB™, dedicated to the isolation and care of patients exposed to epidemiological or biological risks;
- MDC 30, designed to rapidly secure the emergency response chain;
- DECONROAD™, the rapid military decontamination vehicle.



COVERING THE FULL SPECTRUM OF OPERATIONAL NEEDS



UTILIS therefore covers the entire intervention chain: personnel protection, contaminated flow management, medical support, command posts, logistics shelters and field hospitals. The operational effectiveness of UTILIS products has been proven on numerous theatres of operation, making them a guarantee of reliability and performance for forces engaged in crisis response.



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VITEC

VITEC, a major player in Intelligence, Surveillance, and Reconnaissance (ISR), provides proven solutions for video acquisition, distribution, visualization and archiving for military and government environments. Faced with critical transmission challenges in the field, including limited satellite link bandwidth, we develop advanced interoperable video compression technologies. Our solutions ensure optimal image quality while significantly reducing operational costs (OPEX). Compatible with NATO STANAG 4609, they integrate metadata, high-definition visualization and secure sharing, including with allies and partners, for rapid exploitation and effective strategic decision-making. VITEC solutions deliver easy-to-use technology that ensures high-quality, low-latency HD video, capturing live and recorded events for seamless distribution in a multitude of formats anytime, anywhere, to any device.

MGW DIAMOND TOUGH



MGW Diamond TOUGH is a fanless, power-efficient quad channel HEVC/H.264 encoder designed for a military grade rugged enclosure to meet the growing demand for real-time imagery in the most demanding environments. It packs all the needed capabilities for delivering any type of Intelligence, Surveillance, and Reconnaissance or Situational Awareness video generated by manned or unmanned platforms. It supports 4x 3G/HD/SD-SDI or analog simultaneous encoding and up to 8x output streams with different configurations (i.e.: high res and low res), real-time AES encryption, KLV/STANAG metadata ingested, dynamic bitrate adjustment, FEC streaming for unmanaged networks, JITC compliant output streams, overlay for video input identification, and optional recording capabilities. Easy to integrate, MGW Diamond TOUGH provides the best Size, Weight and Power (SWaP) per encoding channel in a rugged appliance. It is also available as an electronic card for integration.



MGW PICO+ TOUGH



MGW Pico TOUGH+ is a fanless, miniature, power-efficient, MILSTD certified, rugged HEVC/H.264 HD video encoder. Designed to meet the growing demand for real-time, low latency and low bandwidth imagery in the most demanding environments, it packs all the capabilities needed for any Surveillance, Intelligence and Reconnaissance sensor or Situational Awareness video from unmanned and manned platforms, in fly-away kits or hand-carried in extreme conditions. It supports simultaneous encoding and streaming of analog and SDI sources in HEVC or H.264, real-time AES encryption, KLV/STANAG metadata ingested, dynamic bitrate adjustment, efficient stream transport protections, JITC compliant output streams, overlay for video input identification, and optional recording capabilities. It is available as a portable rugged encoder or as a single board with UHD/4K encoding support for integrators.



CHANNELLINK



ChannelLink acts as a central hub where IP channels can be received and retransmitted live across any IP network, offering low latency and reliable delivery of video contents to remote sites via Internet or constrained networks. It is especially well suited for stream management, routing, re-broadcasting or IPTV stream reflection over WAN/the Internet. It converts input streams into a new streaming protocol (i.e.: UDP TS multicast or unicast, RTP/RTSP, RTMP/RTMPS, Zixi™ or an SRT-protected stream). Designed to meet stringent security criteria, it is suited for secure government and military Full-Motion Video (FMV) applications.



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PRISM SFF



PRISM SFF is a high-performance broadcast-grade transcoding system capable of real-time or file IP video transcoding. PRISM SFF enables content to be adapted to an optimal format for efficient delivery to any device within your ecosystem. It preserves KLV STANAG metadata, making it ideal for government and defense applications where ISR and FMV content must be compressed without degrading the video quality. It supports a full suite of advanced video codecs and streaming protocols, enabling high-quality output across LAN, WAN, Wi-Fi, CDN, or public Internet. Its small form factor chassis is ideal for space-constrained environments such as portable racks, edge deployments, and tactical field kits



EZ TV ISR DISSEMINATION SYSTEM



Information gathering is essential, and frequently commanders are faced with making critical decisions in a multi-domain theatre of operation or command center. EZ TV ISR is an end-to-end integrated FMV dissemination solution that addresses these complex challenges by effectively capturing, annotating, storing, and managing vital video assets and metadata from multiple remote sources, and distributing them across multiple network configurations. It enables government and military entities to quickly process and exploit live and recorded ISR videos to create actionable, real-time intelligence and clips for Return of Experience.



DIAMOND-H



MGW Diamond-H is a flexible and powerful 4K HDMI portable encoder for live video dissemination or site-to-site streaming within defense & security markets. It features an impressive size, weight and power (SWaP) characteristics. It provides best-in-class video quality over industry standard video/audio connectivity. MGW Diamond-H supports 4K HDR video streams and offers up to 4 low latency streaming outputs from 2x HDMI or 1x SDI inputs. MGW Diamond-H can be used to distribute the encoded output of a source across a network, whilst simultaneously being viewed locally on a user's screen (e.g.: in a control room) using HDMI loop-through. Inbuilt Power over Ethernet (PoE+) makes it easy to integrate.



VSN SERIES



A powerful and scalable video wall solution. Supporting projects with video wall requirements of any scale, VSN Video Wall Controllers are designed for use in a variety of environments ranging from stadiums and venues to command & control rooms and defense installations. The VSN series provides solutions for discrete and demanding video wall requirements, with the range featuring both compact desktop, and high-density, rack-mounted chassis options.



WILLIAMSON ELECTRONIQUE

WILLIAMSON ELECTRONIQUE, French leader, designs and manufactures autonomous energy systems, custom battery packs (primary/rechargeable), and electronic solutions for defense, aerospace, and security.

EN 9100-certified, we deliver reliable solutions from design to production with integrated manufacturing in France.



DRONE BATTERY LITHIUM-ION



WILLIAMSON ELECTRONIQUE develops custom drone batteries engineered for demanding missions where safety, autonomy, and robustness are critical. Designed for embedded applications, these batteries provide reliable and optimized power for professional drone systems operating in constrained, high-performance, or sensitive environments. Thanks to WILLIAMSON ELECTRONIQUE's expertise in custom battery design, each solution can be adapted to the technical and operational requirements of the application.



PRIMARY BATTERY FOR DISTRESS BEACON



WILLIAMSON ELECTRONIQUE's primary battery for distress beacons is designed for mission-critical emergency applications where absolute reliability is essential. Built to operate in severe environments, it delivers long-lasting and dependable power for beacon systems that must remain operational after impact and under extreme temperature conditions. Developed for high-stakes applications, this battery ensures the performance and durability required when safety and emergency signaling are a top priority.



ENERGY CASE



WILLIAMSON ELECTRONIQUE's Energy Case is a high-capacity, high-power portable solution designed to deliver reliable off-grid energy in demanding environments. Engineered for field operations, isolated sites, and mobile applications, it provides a practical and robust source of power wherever access to the grid is limited or unavailable. Combining autonomy, durability, and ease of deployment, the Energy Case is well suited for professional users who require dependable energy in harsh or remote conditions.



LABELS

WILLIAMSON ELECTRONIQUE is certified EN 9100 and actively engaged in the most influential industry groups, collaborating with partners to uphold and enforce sovereignty like GICAT and Pacte Drones.



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*Quand l'excellence
devient **VITALE***



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