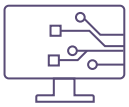
DEFENCE AND SECURITY

INTELLIGENCE

The CAPABILITIES

SENSORS AND TELECOMMUNICATIONS

Intelligence gathering aims to acquire multi-source raw information across operational theatres and security environments. Capabilities cover HUMINT (human sources), SIGINT (communications and signals), IMINT/GEOINT (imagery), CYBINT (cyberspace) and OSINT (open sources). Technologies include observation satellites, ISR UASs, aerostats, radar and IR sensors, electromagnetic interception systems, cyber surveillance tools and OSINT platforms for data scraping and social media analysis. The objective is to achieve persistent, multi-domain coverage of areas of interest (AOIs).

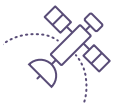


SOFTWARE AND INTEGRATION

Exploitation transforms raw sensor data into structured information. Capabilities include normalization, translation, indexing, geolocation and initial fusion of heterogeneous data. Technologies include ETL pipelines, optical character recognition (OCR), speech-to-text, neural machine translation, AI-enabled object and signal recognition, as well as secure data lakes and data fusion tools. This phase reduces informational noise and delivers an exploitable base for military and security analysts.

COMPUTING

Once information has been collected and rendered exploitable, analysis consists of interpreting the data to produce intelligence that supports strategic, operational and tactical decision-making. Capabilities include pattern detection, network analysis, threat assessment, scenario modelling and anticipation. Technologies rely on AI and machine learning, link analysis tools, analytical GIS, advanced data visualisation platforms, simulation and digital wargaming, as well as secure collaborative environments. The objective is to transform information into knowledge, alerts and foresight for defence and security forces.



GEOINTELLIGENCE AND SPECTRAL ANALYTICS

Capabilities dedicated to the production and exploitation of geospatial intelligence derived from advanced spectral imagery. Includes analysis-ready hyperspectral data and AI-driven analytics for detection, classification, anomaly detection, change monitoring and decision-support in defence and security missions.

INDEX

MEMBERSHIP
directory

EVIDEN

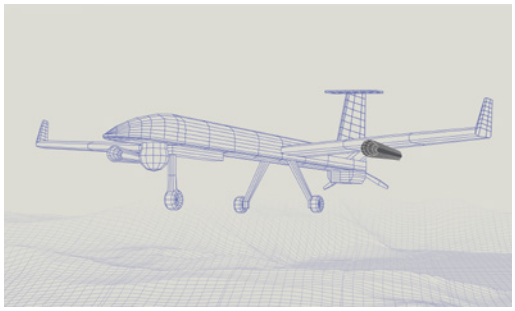
Eviden, an Atos group brand, designs innovative, connected, and secure solutions for defense and security organizations. Eviden's systems combine the best information and communications technologies, tailored to critical environments. Eviden provides defense decision-makers and operators with solutions 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.

MASTERING THE INTELLIGENCE SPECTRUM FOR EW SITUATIONAL AWARENESS WITH AVANTIX SOLUTIONS

Our solutions seamlessly feed an electromagnetic tactical picture directly into C2 systems across diverse deployment scenarios; from UAVs and autonomous vessels to light aircraft, vehicles, or unattended sensor setups. This cognitive and adaptive networked SIGINT system delivers real-time electromagnetic threat intelligence via a robust C4I framework, empowering the synchronized execution of electromagnetic effects in the cyber domain.

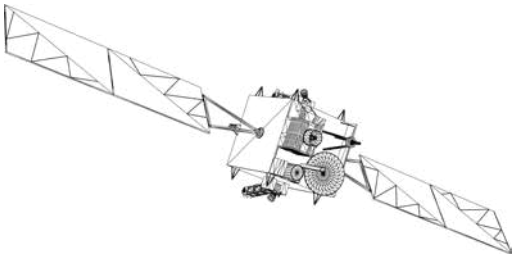
SIGINT PLAYLOADS AND SOLUTIONS FOR UXVS AND LIGHT AIRCRAFT

Our portfolio ranges from agile, compact tactical SIGINT sensors to comprehensive ISR systems, all rigorously tested and flight-proven across a broad spectrum of airborne platforms. These platforms encompass light tactical drones, UAVs, MALE-class drones, and manned ISR aircraft. Built for plug-and-flight missions purposes, our payloads are interoperable and interface with aircraft mission systems, command and control (C2) systems, datalinks and operator consoles, and support coordinated multi-sensors ISR architectures, including integration with tierce sensors such as EO/IR for visual identification.



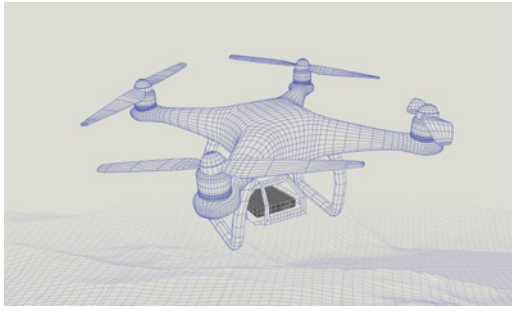
SPACE SITUATIONAL AWARNESS (SSA)

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.



NEXT-GENERATION ELINT SENSOR

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. ELIT AI integrates adaptive software-defined radio (SDR) technologies as well as sovereign AI capabilities derived from 100% of Eviden's R&D.



EVIDEN
An Atos Group Company

Troussel Amélie | Marketing manager
defense@eviden.com
www.eviden.com/solutions/mission-critical-systems

EXOSENS

Exosens delivers advanced imaging solutions for ISR missions, combining high sensitivity, long-range performance, and SWaP optimization. Designed for intelligence and surveillance operations, its technologies enable precise detection, identification, and situational awareness in complex environments.

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

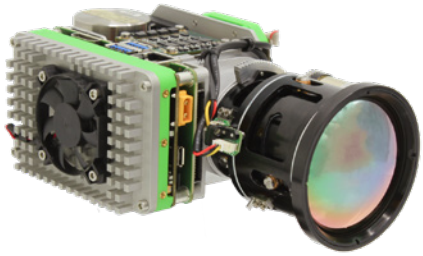
NoxCore SD cameras deliver advanced MWIR infrared imaging in compact systems. Sharing processing and interfaces with NoxCore HD, they ensure easy integration and adaptability across the NoxCore family.

MICRONOXCORE HD300

MicroNoxCore HD300 is the most compact HD MWIR camera core for small gimbals. With a 20x zoom lens and advanced image processing, it delivers high performance in a lightweight, space-saving design.

MICRONOXCORE 275

MicroNoxCore 275 brings MWIR imaging to highly size- and weight-constrained systems. Despite its compact design, it integrates all advanced features of the NoxCore family



EXOSENS
REVEAL THE INVISIBLE

Corentin NOXANT
nox.info@exosens.com
www.exosens.com
24 rue Emile Baudot | 91120 Palaiseau | France

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

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 (C2 - C4ISR), those who are embedded in wheeled, naval or airborne assets 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.

DELTA SUITE has a specific optional module for intelligence : DS ISR

This module comprises two sub-modules DS IMINT and DS SIGINT (DS SIGINT is in progress).
The DS IMINT module, compatible with the Windows version only, is dedicated to the control of on-board optronic systems and offers a set of advanced tools for optimising their operation:
• Gimbals control ;
• Encoder control ;
• Extract the address of the target point, then display it in a title block ;
• “Moving map" tools.

IMPACT

GÉRARD Jean-Philippe | Responsable Produits et Relation Client
+33 (0)2 38 72 45 90
relation.client@sas-impact.fr
https://sas-impact.com
1 rue Sainte-Anne | 45000 Orléans | FRANCE

INEO DEFENSE

Ineo Defense develops and provides intelligence systems, electronic warfare systems (COMINT, ELINT, goniometry, NAVWAR jammers, radar countermeasures ...) and topographical data acquisition solutions destined for the French armed forces and the "Direction Générale de l'Armement" (French Procurement and technology Agency).
From the antenna to the operator interfaces trough advanced signal processing and embedded software, Ineo Defense leverages its expertise in the design and integration of components and systems throughout its solutions.
With 20 years of solid experience supplying the French armed forces, Ineo Defense accompanies the modernisation of resources, while decreasing carrier detection and enhancing the simplicity of system use and implementation.
Ineo Defense offers its knowledge in the design and fabrication of test benches recognised by DGA to qualify and increase the reliability of Armed Forces equipment. These benches facilitate better equipment protection by exploring better jamming techniques and countermeasures towards constantly evolving threats.

MEETING THE CHALLENGE OF HIGH INTENSITY: ELECTROMAGNETIC SUPREMACY AT THE HEART OF THE DIGITAL BATTLE

In an unstable geopolitical context, marked by the return of high-intensity conflicts, the battlefield has durably extended to immaterial dimensions. Today, confrontation is no longer limited to physical vectors: it is played out at the heart of a veritable digital and electromagnetic battle.

Faced with adversaries with advanced technological capabilities (symmetrical conflicts), control of the spectrum is no longer an option, but a prerequisite for any action. At Ineo Defense, we provide armed forces with the ability to see without being seen, to understand before acting, and to saturate opposing capabilities.

Our electromagnetic intelligence (ROEM/SIGINT) and electronic warfare solutions act as the nervous system of forces' operational superiority. From high-sensitivity capture in a contested environment to real-time exploitation, we guarantee a clear vision and immediate reaction capability in the face of complex hybrid threats.

PHANTOS: A NEXT-GENERATION ELECTRONIC WARFARE SIMULATION PLATFORM FOR GUARANTEED OPERATIONAL SUPERIORITY!

In an increasingly complex combat environment, the responsiveness and accuracy of your radar systems are vital. Phantos is an electronic warfare platform based on DRFM (Digital Radio Frequency Memory) technology, designed to test, validate and optimise your protection systems.

• **Ultra-high-fidelity realism**: bring complex scenarios to life by generating bespoke targets combined with a comprehensive library of scalable countermeasures.
• **Total versatility**: validate your systems across all theatres of operation with complete deployment flexibility, thanks to a single solution for your laboratory or open-air testing ('Hardware-in-the-loop').
• **Agility & Real-Time Countermeasures**: instantly generate complex scenarios via an intuitive interface. Replay, test and validate your strategic countermeasures in record time to dominate high-intensity theatres of operations.

Why choose Phantos from Ineo Defense?

• **Complete technological independence**: we have full control over the entire signal processing chain, from RF acquisition to algorithmic analysis.
• **Full Spectrum Expertise**: our engineers have expertise across the entire electromagnetic spectrum and in radar processing.
• **High-Level Security**: our development cycles and teams meet the highest NATO SECRET clearance levels, guaranteeing absolute confidentiality.
• **Operational Availability**: much more than a supplier, we are a trusted partner; we guarantee the long-term viability of your systems through expert support 5 days a week and bespoke warranty extensions for flawless resilience.

INEO
AN EQUANS COMPANY

de Thomasson Yves | Head of sales
ineodefense.commerce@equans.com
www.equans.fr/en/your-activity/defense-and-sea/ineo-defense/electronic-warfare/radar-simulator-drfm-phantos
23 rue Général Valérie André - CS80526 | 78457 Vélizy Villacoublay | France

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 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.

INTELLIGENCE COMPUTING & DECISION SUPPORT

Our rugged embedded computing platforms support intelligence processing, ISR exploitation and AI-assisted decision support across defense and security operations. Designed for high-performance and mission-critical environments, our solutions enable real-time analysis, visualization and exploitation of multi-source intelligence data.

Our Expertise

- High-performance computing for ISR and intelligence systems
- AI acceleration and real-time analytics
- Multi-domain data processing and visualization
- Open and interoperable mission architectures
- Secure computing for mission-critical operations

ISR PROCESSING & MULTI-SENSOR FUSION

Our embedded computing solutions enable the real-time collection, processing and fusion of data from ISR sensors, communication systems and intelligence sources. Designed for edge and distributed operations, our platforms support sensor exploitation, AI-assisted analytics and secure information sharing across operational environments.

Our Expertise

- Multi-sensor fusion and ISR data exploitation
- Edge computing for distributed intelligence operations
- High-speed data processing and connectivity
- Low SWaP-C embedded computing platforms
- Modular architectures for rapid integration

CYBERSECURITY & OPERATIONAL CONTINUITY

We integrate cybersecurity from the earliest design stages of our platforms to ensure system integrity, protection of sensitive intelligence data and secure operation of connected systems. Our solutions support resilient deployment, long-term availability and operational continuity for critical intelligence infrastructures.

Our Expertise

- Security-by-design architectures
- Trusted computing and secure data processing
- Secure communications and protected data flows
- Long-term availability and lifecycle continuity
- Designed, manufactured and maintained in Europe

SALLEZ Vincent | Sales Director
sales.KFR@kontron.com
www.kontron.com
150 rue Marcellin Berthelot - ZI Toulon-Est - BP 244 | 83078 Toulon Cedex 9 | France

NEWSCORE

Winner of the 2025 Global Security Award, NewsCore is France's leading autonomous agent platform specialising in cyber intelligence and OSINT. Deployed within government departments, CAC40 companies and major defence and security groups, it covers the entire intelligence cycle to transform the flow of information into a decision-making advantage. NewsCore aggregates millions of sources (press and social media) in real time to produce insights, alerts and summaries.

SITUATIONAL AWARENESS & MILITARY INTELLIGENCE

NewsCore continuously monitors theatres of operation and geopolitical dynamics, aggregates multilingual sources on a large scale, and structures information according to military operational frameworks. Deployed within military headquarters and major industrial groups, the platform produces actionable assessments for decision-makers.

– Detection of weak signals and anticipation of disruptions
– Production of APSIT and structured geopolitical summaries
– Multilingual monitoring of theatres of operation

DISINFORMATION DETECTION & CRISIS MANAGEMENT

NewsCore detects disinformation trends in real time as soon as they emerge, maps influence networks and issues alerts before narratives take hold. In a crisis situation, the platform provides continuous operational monitoring: every development is tracked in real time for the relevant crisis teams and decision-makers.

– Identification of opposing narratives & vectors/channels of influence
– Real-time crisis monitoring & continuous alerts and dashboards
– Support for information management and crisis communication

SUPPLY CHAIN & RISK MANAGEMENT

NewsCore enables organisations to assess suppliers and partners before engaging them, monitor competitors in real time, and identify technological disruptions before they reshape market positions. The platform identifies vulnerabilities before they escalate into crises.

– Screening of suppliers, partners and subcontractors
– Competitor monitoring: new entrants, patents, market movements
– Detection of technological disruptions and strategic intelligence

newscore

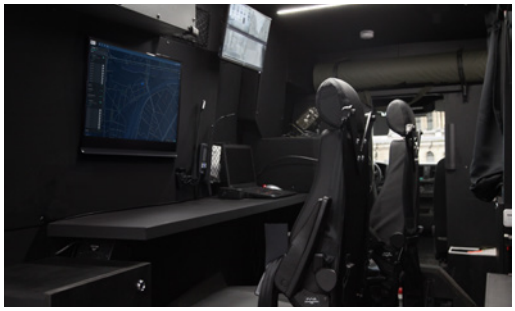
Ludovic Desgranges | CEO
+33 (0)6 52 04 46 62
ludovic.desgranges@newscore.fr
www.newscore.fr
122 rue Amelot | 75011 Paris | France

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.

WIRELESS COMMUNICATIONS CONTROL

Thanks to their advanced spectrum monitoring, detection, geolocation, and communication control capabilities, the solutions developed by Nuances Technologies can block, filter, or analyze transmissions in real time while collecting critical data to support decision-making. Portable and rapidly deployable in the field, our systems provide essential tactical support to units responsible for security and law enforcement. They can be integrated into permanent installations for continuous protection, mounted on any type of vehicle, or configured as modular solutions tailored to each mission.



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.

NUANCES TECHNOLOGIES

Sales Team
+33 (0)1 80 06 80 70
info@nuances.fr
www.nuances.fr
92 avenue de Wagram | 75017 Paris | France

ORUS

***ORUS** is a French NewSpace company providing hyperspectral Earth observation services through its own sovereign European, ITAR-free, dual-use constellation of hyperspectral microsatellites, combined with AI-powered geointelligence solutions for defence and security applications.*

*Its **HYP4Uses solution** combines high-resolution hyperspectral imagery with automated high-speed AI analytics to detect, identify, and classify materials at pixel level including metals, minerals, vegetation, gases, and surface conditions. Designed for military-grade most stringent operational needs, **ORUS** provides high-value daily-access data, adaptive tasking, and advanced IMINT products supporting ISR, situational awareness, infrastructure and environmental monitoring, target discrimination, pollutant detection, and tactical terrain assessment.*

ORUS ANALYSIS-READY HYPERSPECTRAL DATA

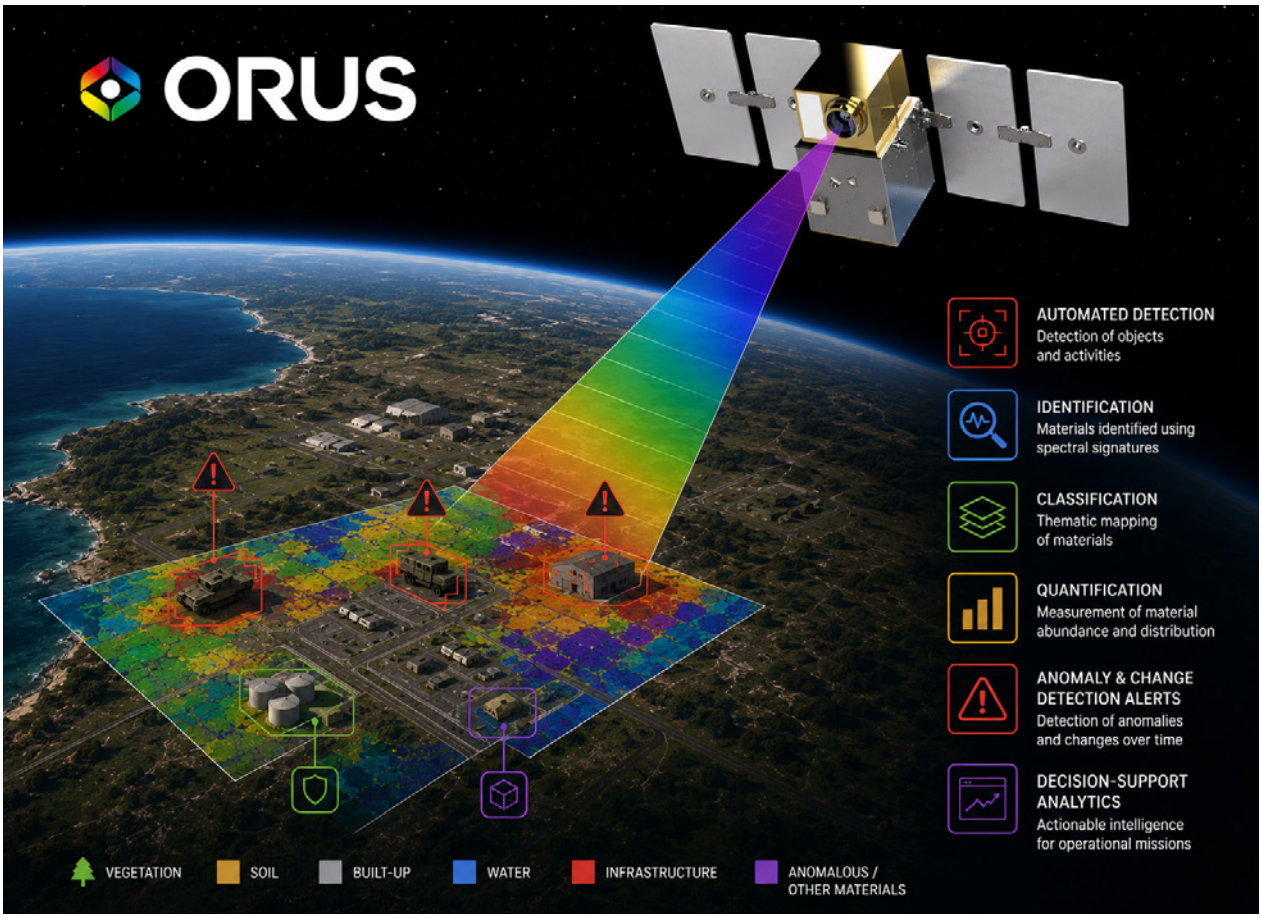
High-resolution hyperspectral Earth observation imagery delivered as fully calibrated, validated and corrected products, enabling scientific exploitation of spectral signatures for material characterisation.

This service provides georeferenced, pre-processed hypercubes (radiometric, geometric, and atmospheric corrections applied) and analysis-ready hypercubes, ready for direct analysis in defence and security applications, supporting evidential-grade exploitation .

ORUS GEOINTELLIGENCE PRODUCTS

AI-driven information products or insights derived from hyperspectral imagery, based on automated detection, identification, classification, and quantification of materials using spectral signature and contextual analysis.

Outputs include thematic mapping layers, anomaly and change detection alerts, and decision-support analytics for operational defence and security missions.



ORUS
contact@orus.space
www.orus.space

THALES

Thales empowers defence, intelligence, and security actors with end-to-end intelligence solutions, from dedicated intelligence chains to multi-INT fusion platforms for analysts. In an era of exponentially growing data—spanning communications, imagery, electronic signals, cyber threats, and open sources—Thales delivers tailored, robust, and secure systems that accelerate decision-making while preserving state sovereignty. Our proven, field-tested solutions maximize efficiency across the intelligence lifecycle, ensuring the right information reaches the right stakeholders at the right time.

MULTI-DOMAIN IMAGERY & RECONNAISSANCE (IMINT/ISR)

Thales delivers high-performance ISR (Intelligence, Surveillance, Reconnaissance) systems, including tactical radars, electro-optical sensors, and space/airborne imagery platforms, fully adaptable to existing defence infrastructures. Leveraging AI-augmented analytics, we convert satellite, drone visual data into real-time, actionable intelligence, enabling rapid threat identification, mission preparation, precision targeting and battle damage assesment for land and airborne missions.

ELECTRONIC WARFARE & SIGNALS INTELLIGENCE (SIGINT/ELINT) FOR FORCES

Thales equips land forces with advanced SIGINT and EW systems, including tactical jamming and AI-powered signal interception, to detect, disrupt, and deceive adversary communications and radar threats in real time. Our modular, vehicle-integrated EW suites provide full-spectrum electronic protection, from threat geolocation to countermeasures, ensuring operational dominance in contested and GPS-denied environments. Our UAS EW solution improves situational awareness with unrivaled ESM performances in order to provide detection, identification and localization of emitter threats deep in the battlefield. AI assisted EW sensors provide the fighter with an understanding of the tactical situation at the tempo of operations with a minimal training requirements.

Electronic warfare antenna on SERVAL during ORION 26 exercise © Adrien Daste - Thales

SECURE FUSION & SOVEREIGN COLLABORATION

Thales' digital intelligence platforms ingest and process multi-level classified data (structured/unstructured, audio/video, logs) within a secure-by-design, AI-ready ecosystem, ensuring compliance with national security protocols. Built for agencies and organizations' collaboration, these systems enable secure knowledge sharing, joint operations planning, and scalable deployment - from sheltered data centres to field-ready shelters - while supporting third-party integrations for a future-proof intelligence infrastructure.

© 123RF

THALES
Building a future we can all trust

Thales Land Segment
landforces@thalesgroup.com
www.thalesgroup.com/en/defence
4 avenue des Louvresses | 92230 Gennevilliers | France

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.

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 is the reference covert tag for missions requiring maximum connectivity and total adaptability. Featuring, full cellular connectivity (LTE, LTE-M/NB-IoT), modular architecture extensible via daughter boards (sat comm, RF, Sound, etc.), remote configuration via secure application: TRAAK-R adapts to every mission without compromise. Designed and manufactured in France, it ensures full interoperability with any existing platform.

TRAAK-S is the benchmark of absolute discretion. Miniature, modular and high-performance, it is designed for the most demanding surveillance and investigation missions. Designed and manufactured entirely in France, it is available in two battery options and supports interchangeable power modules to adapt mission autonomy in seconds. TRAAK-S offers multiple activation and tracking modes, as well as a comprehensive and scalable interface.

All covert tags are government agencies only, STEP 3D files are available for easier integration, end to end infrasture can be controled by users without TRAAK having access.

PIXYS 3D

Locate everywhere even indoor
PIXYS 3D combines multiple positioning technologies in a single unit. GNSS for outdoors, proprietary Wheere 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.

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 intelligence 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.

Discreet by design and resilient by nature, Theseus can adapt to any mission profile and gives intelligence agencies the ability to structure their own secure infrastructure, from permanent deployments to temporary mission networks, with full confidentiality and no access from TRAAK.
Combined with smartphone-based virtual tracking capabilities and SIGINT information-gathering options, the Theseus range delivers a comprehensive and highly differentiated solution on the market.

TRAAK
Where no one else can

Guigue Florence | Marketing & Communication
+33 (0)6 62 80 75 89
communication@traak.tech
www.traak.tech
46 rue de Paris | 78600 Maisons-Laffitte | France

UNSEENLABS

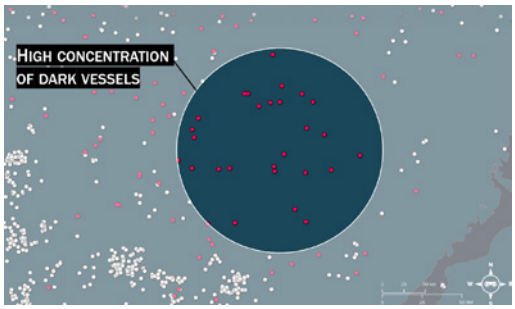
Unseenlabs is the European leader in space-based Radio Frequency (RF) detection since 2019. We provide global, persistent geolocation of electromagnetic emitters on land and maritime domains, with both data delivery and analysis services to support operations, threat detection and mission planning.

Leveraging ITAR-free technologies, our solutions rely on our own fleet of satellites and on in-house signal analysis expertise built with the support of former military SIGINT operators.

MAPPING MISSION

Through this mission, get a **rapid and comprehensive view on a given Area of Interest (AOI)** over a large frequency spectrum or over a family of targets.

By tasking our satellite constellation and exploiting our RF signals database, our solutions reveal activity patterns and suspicious or non-cooperative assets like **dark vessels, surveillance** or **air-defense radars** on theater of operations.



TARGETED SEARCH

This mission provides precise insights on a high value target activity, advanced geolocation or RF characterization. We cover targets including **GNSS interferers, Ground-Based Air Defense systems, surveillance radars, and communication emitters.**

In particular, RF characterization enables **counter-measure development in contested electromagnetic environments.**

unseenlabs
— THE BRIGHT SIGHT

Manon ALIX | Head of Public Affairs
manon.alix@unseenlabs.fr
www.unseenlabs.com
15 rue Claude Chappe | 35510 Cesson-Sévigné | France

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 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.

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.

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.

VITEC

Fabrice Corbin | Business Development Manager
+33 (0)7 75 74 23 41
fabrice.corbin@vitec.com
www.vitec.com
99 Rue Pierre Sémard | 92320 Chatillon | France

Quand l'excellence devient **VITALE**

Groupement des industries françaises de défense et de sécurité terrestres et aéroterrestres

39 rue Mstislav Rostropovitch
75017 Paris
+33 (0)1 44 14 58 20
contact@gicat.fr

gicat.com