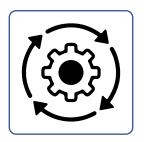




# GICAT

The French land defence and security industry association

### CAPABILITIES



### FLOW CONTROL

After completing pre-routing, transit between points of embarkation and debarkation (POE/POD) and, if necessary, strategic transport, intra-theatre routing supports the actions of armed forces in completing their missions by controlling physical flows and supplying logistic units and bases, while contributing to the security of communication routes and open spaces.



### GENERAL ENGINEERING SUPPORT

In addition to individual support, collective support is provided to offer fixed and mobile resources and services for protection, housing, health and catering, as well as deployable infrastructure for external operations (camps for 1,000 soldiers). For identification purposes in the component breakdown, the following pages of this brochure show, in two separate sections, components of soldier support and deployable infrastructures for external operations.



# MAINTENANCE, REPAIR, OVERHAUL (MRO) EVACUATION AND RECOVERY

Equipment operational readiness involves ensuring for each formation the level of equipment availability required to perform its missions, as defined by the force commander, and includes the following functions:

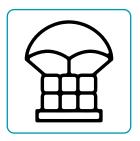
- collection and disposal of friendly or enemy equipment;
- management, procurement, storage and distribution of resources;
- maintenance and repair of equipment and weapon systems.

Because in-service support of deployed equipment is provided by Army maintenance units or the industrial prime contractors, only vehicle recovery and evacuation activities for land forces are addressed in this brochure.



### MEDICAL SUPPORT

Medical support as provided by the French Defence Medical Service includes all means of evacuation and treatment that contribute to creating sanitary conditions and conserving human life. It is based on the conjunction of positioning medical and surgical teams as close as possible to soldiers and early medical evacuation capabilities.



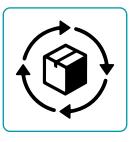
### SOLDIER SUPPORT

This support aims to meet the vital needs of soldiers by providing appropriate clothing, camp, sleeping and meal equipment and services at individual or collective level.



### POL SUPPORT

POL support ensures that armed forces are autonomous with regard to fuel and related products, during travel and when stationed, during implementation, combat and disengagement phases, as well as in daily activities. It includes the acquisition of resources, procurement, quality control, storage, transportation and distribution of fuel, as well as maintenance of specialized equipment.



### LOGISTICS INFORMATION SYSTEMS

Dedicated to storage, treatment and exchange of all the specific information for the management of Logistic Support. Logistics Information Systems are deployed from the Joint Logistics Headquarters down to the Combat service support unit.

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### LISTING

# membership directory









### **ARQUUS**

PROVIDING THE **ARMIES** WITH LOGISTICS **SOLUTIONS** 

European leader of land protected mobility, Arquus is one of the major actor of the French Defense industry. Its expertise ranges from vehicle design, propulsion and mobility, to systems integration, automation and support. Manufacturer of world-renowned vehicles such as the VAB, the VBL, the BASTION and the SHERPA families, Arguus is a dedicated partner in more than 60 countries all around the world.

#### A CENTURY OF LOGISTICS

Arquus has been a major supplier of logistics solutions for the French Army since 1898 and its first military vehicle, designed by Panhard for transport and liaison. Since this first creation, Arguus has currently more than 12,000 logistics trucks in service, from the legendary VLRA to the GBC180, TRM2000, TRM10000, which have been the workhorses of the armies for decades, and which still take charge of a large part of the French Army logistics. Arguus still supports and modernizes these fleets for the armies.

#### A COMPLETE NEW LOGISTICS RANGE

This new complete range is available for all kinds of missions for the armies, from logistics and strategic transport to tank or systems transport, as well as breakdown truck missions. Depending on these missions, Arguus can offer different versions, including different levels of protection. Arguus' trucks are also designed to accommodate ring-mounted weapon, or remote-controlled weapon system as the Hornet Lite, weapon of choice for self-defense. It is also ready for the most advanced technologies regarding energy management and maintenance. These proven solutions, first developed for important civilian duty trucks, are available for the armies, thanks to Arguus' experience in terms of dual technology militarization, adaptation and integration. In order to get closer to the armies, Arquus also benefits from a global logistics network, in France and all over the world.

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- arquus-defense.com
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### **BAGALU**

Whatever your, Bagalu has the solution.

Bagalu is the French expert in the design, manufacture and customization of technical luggage since 1979. Waterproof and shockproof cases, thermoformed containers, 19" Racks, rotomolded containers, custom fittings and foams...

### Explorer Cases - Waterproof and shockproof cases with lifetime warranty

Bagalu has been the distributor partner for Explorer Cases in France for almost 20 years.

Explorer Cases® is a complete range of indestructible waterproof cases: the ideal solution to meet the needs of the most demanding users in extreme conditions.

These cases are made from a copolymer-polypropylene compound with an exclusive patented formula, to guarantee top performances. 56 models available in up to 6 colors and customizable inside.

### Thermodyne - Lightweight, technical cases and containers, infinitely customizable

Bagalu is the exclusive partner in France of Thermodyne, a German manufacturer of thermoformed 19" cases, containers and racks.

Thermodyne and Bagalu can adapt the container to the product to be transported, whatever the size or specific equipment required:

- Modification of container dimensions,
- Adding options for use (strength reinforcements, pressure regulators, cable shock absorbers, lifting rings, wheels, RFID, etc.).
- Interior fittings (machined foam, electro-technical integration, shock absorbers...)

There are no limits to the customization of Thermodyne containers.

#### Supro Box - indestructible rotomolded containers

Bagalu is the exclusive partner in France for Supro Box rotomolded containers. Rotomolded containers can withstand the toughest conditions with the ultimate level of protection for your products.

The patented Multibrix® stacking system enables multiple stacking and cross-stacking of cases of the same or different sizes.

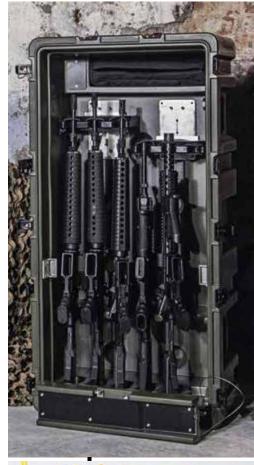
Our products meet the most demanding requirements and certifications in the defense sector: Def-Stan, Stanag...

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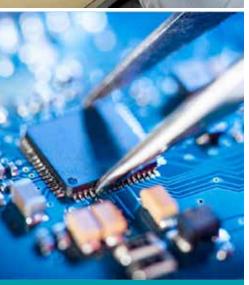
















### **BELINK SOLUTIONS**

Our commitment, the efficiency of defence industry

BeLink Solutions is a centre of excellence in Electronics. With more than 40 years of experience in PCBA & electronic systems manufacturing, our company is at the forefront of quality, technology and production in this industry at a worldwide scale.

### BeLink Defence & Aerospace.

BD&A is our dedicated business unit for Defence, Aeronautics, Security & governments solutions.

We deliver a large scope of high-level expertise, from co-design, prototyping, industrialization to manufacturing & assembly of electronic boards in small, medium, and large series. BeLink Solutions is also one of the most advanced companies in Printed Electronics.

In our factory located close to Paris (1h30), we provide a large range of services such as innovation, studies, purchasing, climatic stresstests, subgroups & end-products assembly from basic to complex systems & MOC.

### A new world requires a new vision.

Automotive industry is our historic core business. We are certified IATF 16949 & compliant with the most demanding certifications in electronics. BeLink Solutions is bringing to the defence industry a new offer of services based on a partnership approach: our clients are in the heart of our organization, and we deliver them a high level of international competitiveness.

To cope with the new international challenges, our industries need a new vision. BeLink Solutions duty is to fulfil our clients' expectations by offering its expertise based on SERVICES, FLEXIBILITY, PERFORMANCE, REACTIVITY, COST EFFICIENCY & SERENITY.

#### MOC: extend life of your electronics warefare

BeLink Solutions has an integrated prototyping department which allows us to provide technologic & industrial services for MOC applications to different industries such as defence, aeronautics, rail, nuclear, transportation, security... We deliver a large range of services in maintenance & repairing, retro-engineering, upgrading your electronics systems with the highest standards of quality, reactivity & efficiency thanks to dedicated teams of engineers and technicians.

BeLink Solutions, your fully integrated electronics factory.

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### **BERTRANDT SAS**

### BERTRANDT, MAJOR PLAYER IN MOBILITY IN EUROPE

For 50 years, BERTRANDT has distinguished itself by its commitment and expertise in the service of land Defence. With 14,500 dedicated employees, BERTRANDT plays an essential role in the development of complete vehicle subsystems, systems, products, and engineering to meet the complex needs of its customers. The BERTRANDT experts are involved at all stages of the projects, from the pre-project phase to industrialization, by delegation of operational services and global project management. Thanks to its engineering capabilities and its recognized business expertise, BERTRANDT is able to meet the strategic challenges of development and operational investment of land / air forces, in all areas of mobility.

### Military/Civil Duality of Land and Air Mobility of the Armed Forces

BERTRANDT designs, develops, industrializes all or part of civil and military vehicles, and has the ability to intervene on heavy / light wheeled vehicles and on tracked combat machine functions:

- Organic domain: motorized chassis, cab, electronics
- Business / Technology: system engineering, electronics, software, mechanics, simulation / CAD, data science, AI, etc.)
- Method domain: Complex project management (Quality /Cost / Timing), life cycle control (from design to in-service support including industrialization) until the after sales.

### Availability simulation, fleet statistics, SLI and maintenance optimization

BERTRANDT develops aircraft availability simulation services according to their maintenance program, their configuration, and the mission to be fulfilled.

- Device availability calculation
- Sizing of fleet, stock, spares
- Service Resource Planning
- Implementation of data model and comparative analysis

BERTRANDT supports military manufacturers in optimizing the maintenance of their system, integrating support issues from the design of new programs and throughout the life cycle of complex systems:

- Integrated Logistics Support Study and Analysis
- Maintainability analysis and maintenance cost
- Clocking activities and field data retrieval
- Monitoring of design changes to simplify system operation



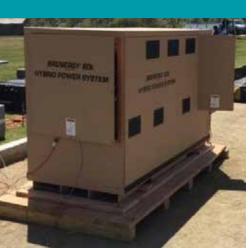




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### **BREN-TRONICS INTERNATIONAL SOLUTIONS**

#### POWER SOLUTIONS FOR THE OVERALL UNIT

Bren-Tronics designs modular Lithium energy storage solutions delivering high energy density (from KWH to MWH) to power large military camps.

Calculating power requirements means looking at it from both the overall unit and soldier's level. This improved logistic chain shall be tomorrow's modern armies' choice. Taking energy off the grid and storing it for whenever it is needed is now possible.

BREN-TRONICS focuses on bringing armed forces around the world the latest and most efficient power solutions for uninterrupted autonomy in the field since 1973.

Our expertise remains focused where no one can compromise safety, reliability and performance. That is why we offer the next generation of Li-lon batteries as an advanced energy solution for use in multiple applications including solar energy systems, generators, smart grid applications, UPS backup power systems and more.



#### **Hybrid Power Systems**

Introducing BRENERGY™ Power products, seamlessly integrated with various Generators to deliver hybrid energy solutions. Our systems provide standalone, uninterruptible power with capacities of 5kW, 30kW, 60kW, and higher. They operate typically at 120/208 VAC, 3 Phase, and support both 60 Hz and 50 Hz. BRENERGY ensures uninterrupted operation, smoothly switching between charging and powering the load. Our modular, expandable energy storage adapts autonomously to changing load demands. Trust BRENERGY for reliable, scalable power solutions that meet diverse energy needs for logistic and engineering support.



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- www.bren-tronics.com
- 20 rue Henri Regnault | 75014 PARIS | FR





### CAPGEMINI TECHNOLOGY SERVICES

For over 55 years, CAPGEMINI has been a trusted partner in the business and technological transformation of manufacturers and public players in the defense sector. Thanks to its mastery of civilian and military technologies and its understanding of the constraints faced by armed forces, the Group contributes to the creation of Intelligent Supply Chains that combine technical efficiency, adaptability, resilience and economic competitiveness.

### The supply chain at the heart of tomorrow's conflicts

With the return of high-intensity conflicts, logistics control is more than ever a strategic challenge for armed forces and their support teams. To meet these challenges, CAPGEMINI is using data, IOT, simulation and real-time solutions to build true new-generation supply chain «control towers». These should make it possible to:

- Ensure operational monitoring, regardless of the context in which a country's armed forces are deployed, whether on their own or as part of international coalitions
- Track the delivery of all types of resources (personnel, equipment, supplies, etc.) with the same efficiency
- Support the planning, organization, regulation and execution of joint transportation operations through simulation, forecasting, Al integration and dedicated logistics digital twins
- And provide accurate fully traceable logistics information that can be integrated into central command platforms

#### 360° support

CAPGEMINI selects key partners and sustainable technologies, that combine robustness and economic competitiveness, aligned with market standards. The Group's expertise in distributed systems architecture with variable deployment (depending on the crisis), critical systems integration and cybersecurity allows us to offer a secure environment for operational deployment and scale-up. Our change management capabilities enable us to support internal cultural change, particularly around the data culture of organizations, and set new standards for collaboration with critical partners.

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- 147 quai du Président Roosevelt | 92130 ISSY-LES-MOULINEAUX | FR



















Ruggedized and waterproof smartphones, tablets and accessories

### The French specialist in critical communication

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

To meet the logistics needs of the security and defense sector, Crosscall has developed a high-performance, cost-effective tracking solution accessible via smartphone. Professionals now have a highperformance, reliable and fast solution for scanning all your 1D and 2D codes. Whatever the brightness, size or condition of the barcode, the solution developed by Crosscall engineers can be used anywhere, up to 1 meter away. Lighter and more ergonomic, the smartphone becomes the preferred scanning tool for all needs, enabling the inventory and traceability of all security equipment.

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



The French brand has also developed X-COMM, the the market's first remote microphone speaker with dual connection, wired and Bluetooth. With innovative its products designed to last, Crosscall meets the most specific needs of the most demanding professionals.



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- www.crosscall.com
- 245 rue Paul Langevin | 13290 AIX-EN-PROVENCE | FR







### **DEDIENNE AEROSPACE**

#### TOOLING AND GSE FOR YOUR DEFENSE OPERATIONS

Since 2001, Dedienne Aerospace has supplied aerospace tooling, ground support equipment, maintenance, and support services around the globe.

Based in strategic locations, Dedienne Aerospace is surrounded by defense's partners and infrastructures. This proximity ensures access to resources and enables Dedienne Aerospace to deliver solutions to customers. The understanding of defense challenges and objectives allow us to develop, manufacture and supply the best GSE and Tooling.

Supporting domestic and international customers, Dedienne's Center of Excellence for Advanced Defense Services provides easy access to our capabilities.

**GROUND SUPPORT EQUIPMENT:** GPU / ACU / HPU / Truck / Trailer / Tripod jack / Axle jack / Towbar / Servicing carts / Platform

#### **ENGINE TOOLING & TRANSPORTATION**

- Engine installation/removal fixtures
- LRU / RI tools
- Build & Strip tooling
- Engine transportation
- Engine preservation
- Containers

#### ARMAMENT SUPPORT EQUIPMENT

- Bomb hoist
- Weapon loader
- Missile launcher tooling

#### **ENGINEERING EXPERTISE**

Dedienne Aerospace develops safe, friendly-user and robust solutions according to OEM specifications and Defense requirements.

#### LOCAL CONTENT/OFFSET MANAGEMENT

Dedienne Aerospace is the right partner for your offset management. Our worldwide supply-chain allows significant offset opportunities on leading defense markets, with scaling manufacturing capacity within tight frame scheduling in partner offset country, while ensuring total quality and data protection.









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### **DESCHAMPS**

**DESCHAMPS' Mobi-mat® range is dedicated to tactical** mobility, ground reinforcement and deployable flooring. Since 1860, DESCHAMPS develops and manufactures (in France) innovative solutions for very demanding applications. DESCHAMPS operates worldwide and is a reference supplier for leading armed forces such as French, US, German, etc. and also international organizations like NATO/NSPA or United Nations.

#### Tent stabilization and insulation - Tentfloor™

Tentfloor™ is an ultra-light and durable floor covering for stabilizing and insulating a tent. It improves the stability of the ground under the tent, even in extreme weather (rain, mud, snow, sand or dust) and allows better insulation. Ideal to create temporary walkways and facility flooring for shelters, hangars, dining halls & kitchen or maintenance shops.

#### Camp pathway and roadway - Campfloor™

Campfloor™ is a lightweight transportable roll out matting. Within a few minutes, your crew can set up a temporary walkway, improving floor stability to enable heavy pedestrian traffic as well as vehicle traffic. Campfloor™ stabilizes the soil during long-term deployment, even in extreme weather.

#### Raised Modular Flooring

Raised Tentfloor™ is a lightweight and durable modular floor to stabilize and insulate a tent. It can be installed quickly and easily inside or under a tent (without specific tools).

Equipped with height-adjustable feet, even under load, the Raised Tent Floor™ adjusts to any type of unprepared floor.





(S) +33 (0)5 45 678 822

https://defense.mobi-mat.com/

Usine de Bourisson | 16400 LA COURONNE | FR







### ÉCONOMAT DES ARMÉES EDA

### Partner for your daily support

Economat des Armées – EdA - is a state-owned body under French MoD sponsorship, which is legally entitled as a public purchasing body. It is specialized in logistic support delivery, notably focusing on the whole range of facility management, including infrastructure building, and the procurement and transportation of all kind of supplies and equipment, except lethal ones.

It works to the benefit of French MoD as well as other French ministries. Its international customers encompass international organizations such as United Nations, European Union and NATO, and its activities range from equipment supply to infrastructure building and training delivery

### Adaptative offers to meet your requirements designed to take your support challenges :

- Logistic support, including facility management in international framework
- Food and combat ration supply
- Infrastructure building and maintenance, including operational infrastructure and passive protection devices
- Procurement of all kind of supplies and equipment (individual equipment, land vehicules including armoured ones, naval equipment, medical equipment, night vision goggles, CIS, drones and counter-drones devices, counter-IED equipment...), including weaponry classified equipment, except lethal one
- Multi modal transportation
- IT services provider

#### Our strengths:

Full compliance with public procurement regulations

Capability to carry out comprehensive facility management of camps ranging from 150 to 5000 personal.

Resorting to providers and subcontractors applying international standard

Flexible capability to take action using own highly skilled human resource or proven network of reliable compagnie



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- 26, rue Delizy | 93 500 PANTIN | FR

















#### DESIGNER AND MANUFACTURER OF **ENERGY CONVERSION SYSTEMS**

Designer and manufacturer of power electronics equipment for severe environments, ENAG offer a large range of products dedicated to defence applications (Ground & Marine). Working closely with our customers, our solutions are developed and qualified according their requirements (thermal, EMC, chocs and vibrations).

### **DESIGN, QUALIFY, MANUFACTURE & SUPPORT**

ENAG design, develop and manufacture energy conversion systems working in rugged environments for over 70 years. Our expertise in static and dynamic energy conversion is based on the most reliable technologies of power electronics and electro mechanics. Major international companies acknowledge our capability of providing first class service and products, both standard and customized, for intensive use in rugged environments. Used in Marine and Ground applications, our products are renowned for their quality and reliability.

Our sales team, R&D, production, quality and customer services assist our customers during the different phases of their projects, from the initial design through to qualification and commissioning.



- Deployable equipment: The "deployable" range is particularly suitable for all types of 28Vdc power vehicles. Connected to the vehicle power inlet, all electrical and electronic equipment on board can run without discharging the auxiliary battery and without running the vehicle engine.
- **Distribution equipment:** The "distribution" range allows the user to provide distribution of AC and/or DC stabilized electrical energy on the field using several primary sources: Mains AC network, 28Vdc from vehicle, solar panel, wind turbine or external battery pack.
- **GPU equipment :** The "ADTM and COVALT" power supply ranges are used to supply vehicles like aircraft, helicopters, drones... They are able to supply 200Vac 3-phase 400Hz and 28 Vdc. Easy to use, these ranges of power supplies can be quickly installed and ready for operation.

All the products designed by ENAG meet Army requirements and respect the applicable standards (eg. MIL STD, STANAG...) and especially EMC standards (MIL STD 461 ...).





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### **HENSOLDT IN FRANCE**

A PARTNER FOR THE DEVELOPMENT, MAINTENANCE AND MODERNISATION OF YOUR ELECTRONIC EQUIPMENT

HENSOLDT, a major European player in the defence sector, is present in France through two legal entities, both members of the DITB: HENSOLDTNexeyaFrance and HENSOLDTFrance SAS, operating on 15 sites and employing more than 700 employees throughout the country.

In France, HENSOLDT designs, manufactures and maintains in operational condition highly critical electronic products, cyber security equipment and solutions linked to testing, simulation and energy management.

On land, at sea, in the sky or in space, HENSOLDT's activities in France are based on a strong spirit of innovation and contribute to the safety of people and property throughout the world.

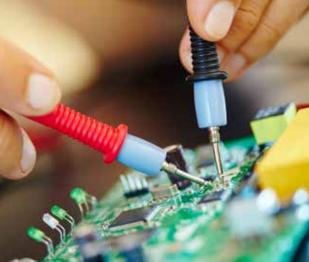
### Services to support and extend the entire lifecycle of equipment

Through its wide range of services, HENSOLDT Nexeya France is committed to securing systems throughout their lifecycle, from the design, integration and validation stages through to production and maintenance in operational conditions.

With a pool of experts in electronics, electrical and mechanical engineering located throughout France next to OEMs and platform manufacturers and supported by a network of partners with cutting-edge skills, HENSOLDT supports players in industry, defence and the nuclear sector by maintaining their equipment in operational condition, managing obsolescence and even producing customised electronic components.

Capitalising on more than 20 years' experience in extending the life of critical systems in the air, naval and civilian sectors, HENSOLDT Nexeya France can help its customers modernise their land-based military capabilities quickly and cost-effectively.









(§) +33 (0)5 61 43 58 00



www.hensoldt.fr

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 31 100 TOULOUSE | FR











### **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 equipment and materiel of the armed Forces

With the goal of supporting technical and operational availability of equipment and materiel, Ineo Defense provides bespoke assistance services. Contracts maintaining equipment operating condition include repairs, technical assistance, management of configuration and of documentation.

Ineo Defense also is involved in the management of complex logistical operations through global service offers which cover the supply of replacement parts, responsibility for the repairs and managing equipment pools to guarantee military capability.

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### **KNDS FRANCE**

Along-term support partner to ensure and increase vehicles and systems' operational efficiency

KNDS France Customer Support & Services Business Unit leans on its expertise in the land, sea and air sectors to provide its clients a tailored support offer to ensure the optimal operational condition of their systems and guarantee the success of their missions.

KNDS France offers a wide range of services to its customers throughout the lifecycle of the systems so they can be prepared to engage on high intensity operations.

- On-demand: "the right part in the right place at the right time"
- On-site support: our expert presence at the client's facility
- Performance commitment: fixed annual price, availability, spare parts and stock KPI's, expert hotline assistance, fleet management
- Ability to engage immediately: MRO (maintenance repair and overhaul) Center, dedicated maintenance team on site and sustainable partnership with a local partner, bespoke maintenance solution, strategic assistance for long term planification (obsolescence, retrofit, evolution and inspection)

KNDS France Customer Support & Services Business Unit drives innovation in land defence to provide the armed forces users with decisive operational advantages such as predictive maintenance, 3D manufacturing...









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### **LEGENDRE LOGISTICS**

LEGENDRE LOGISTICS is a recognized player in the transport and logistics sector in France and abroad. For many years, the group has become a specialist in supporting major players in the aeronautics and defense industries, meeting their specific needs in three complementary activities: international multimodal transport, logistics and warehousing, and industrial packing. Backed by its design offices, its team of IT developers and its cybersecurity experts, Legendre Logistics offers robust and secure software solutions in the fields of WMS, TMS and custom-developed business applications to guarantee traceability of its customers' goods throughout the supply chain.

### Multimodal transport

From the road transport of armored vehicles by special convoy to the international transport of sensitive cargo by sea, air or rail, Legendre Logistics offers its clients a variety of customized, high-end solutions to meet the specific requirements of the armament sector.

### **Logistics**

Whether within its 190,000 m<sup>2</sup> of secure warehousing or directly on site at its customers' facilities, Legendre Logistics deploys fully customized logistics and warehousing solutions thanks to the expertise of its dedicated project unit. Services provided include

> reception, quality control, inventory management, order preparation, assembly, packing and inter-workshop flow management.

#### Industrial packing

As an accredited member of SEILA and SEI, Legendre Logistics relies on its experience and its design office to create and design industrial packing solutions for all types of material (bulky, heavy and/or sensitive). This recognized expertise has been acquired through many years of service to the nuclear industry.

The expertise of its teams and the existing synergies between its business units enable Legendre Logistics to position itself as a player capable of acting across the entire supply chain of key players in the aeronautics and defense industries.



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### LN INNOV'

LN Innov' and the Modular Containerized Innovating Systems with ZeKat Group

LN Innov', through the ZeKat Group, specialized in the design and production of complex mechatronic systems, has containerized modular systems offering modularity for applications such as Data center, Renewable Energy, Hydrogen, Telecommunications and additive manufacturing.

Containerized solutions enable more agile and responsible reindustrialization. In fact, they offer great flexibility and faster deployment compared to traditional solutions. They also help rationalize development and maintenance costs, while ensuring compatibility with a large number of technologies. Finally, their design contributes to preserving the environment, with all elements being manufactured and assembled in the factory before being transported to the customer's site, considerably reducing any atmospheric, noise or environmental pollution.

**Drawing on strong expertise in mechatronics**, we offer a wide range of containerized solutions (communication systems, biogas station, storage and conversion of renewable energies, hydrogen station and conversion, or even data center, etc.), designed to meet energy efficiency challenges while maintaining the optimal performance of its equipment.

**Modular and customizable**, our range of solutions can be adapted to any type of environment, even the most critical.

Plug-and-play and mobile, our containerized solutions are designed to be easily deployed, updated and moved between different environments, making them an ideal choice for businesses looking to improve their agility and ability to quickly respond to constantly evolving needs of their customers.

ZeKat Group is an industrial group that brings together technological flagships in mechatronics and digital technology. It designs and produces high-tech solutions around key skills such as: mechanics, electronics, communications, radios, optics, energy, software, digital, cobotics.



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### LOSBERGER DE BOER RDS

Customized solutions tailored to real-world requirements

Our expertise lies in our ability to provide rapid deployment solutions tailored to the operational needs of our armed forces. Our solutions have been meticulously designed to meet the requirements of military missions, offering speed, reliability, and ease of use.

Versatility: We offer a complete range of modular structures and support facilities that can be rapidly deployed in any terrain or climate. From field hospitals and command centers to accommodation units and storage facilities, our solutions can support a wide range of military operations.

Rapid Deployment: Time and logistical footprint are crucial in military logistics. Our solutions are designed for rapid deployment, allowing military personnel to quickly establish operational bases and support infrastructure in response to dynamic operational requirements. With fast setup times and minimal manpower requirements, our system ensures maximum efficiency and readiness on the battlefield.

Robust and Durable: Built to withstand the rigors of military operations, our products are made from high-quality materials and designed to meet strict military standards. Our structures are designed to endure challenging environmental conditions, providing

> a safe and reliable operating environment for military personnel and equipment.

> Scalable Solutions: Whether for smallscale tactical deployments or large-scale operations, we offer scalable solutions to meet the evolving needs of military logistics. With customizable configurations and flexible layout options, our system can be adapted to meet different mission requirements and operational scenarios.

> Our solutions are the ideal choice for military organizations seeking to enhance their logistical capabilities in today's complex operational environments.



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### MANITOU BF

### Defence solutions to serve armed forces

Offering its customers handling, lifting and earthmoving solutions is more than just a vocation, it is the "raison d'être" of the Manitou Group. Its know-how and expertise allow it to be closer to every need, regardless of the country, terrain or application. With innovative machinery and services, the Manitou Group creates value for its customers.

### Design, manufacture, distribute, ensure the service

For over 30 years, Manitou group has provided material handling solutions to the defence and security main players, meeting the needs of military logistics, aeronautical maintenance, construction, storage and warehousing. The group researches, designs and manufactures a wide range of dedicated electric and combustion engine machines well known for their reliability, performance and robustness. With over 2,000 service points, our worldwide dealer network provides you the service essential to your international operations. With lifting capacities from 0.5 to 35 t and lift heights from -6.8 to 42 m, Manitou group has the solution to all your material handling needs.

### The best ally of armed forces for

- Heavy logistics in overseas operations: safe, reliable, compact, versatile, airtransportable and heavy lifting capacities solutions (up to 35 t)
- Construction: building infrastructures, preparing groundworks, lifting suspended loads, loading material and ground levelling
- Loading and unloading bulky and heavy loads thanks to a wide range of mastedforklifts and telehandlers
- Aeronautical maintenance with aerial work platforms or rotative telehandlers fitted with driving assistance system (proximity sensors and lasers) to avoid risk of collision with aircraft
- Warehousing: easy to use and maintain and an ergonomic answer to your daily operations to support forces on the ground: from the manual and electrical pallet trucks to the masted-forklift through to the truck mounted forklift and the order picker
- Tailored solutions meeting your requirements: bullet and blast protected armoured cabs, tie-down, lifting and recovery points, air-transportability, compliance with military standards (STANAG, MIL-STD, DEF(AUST))
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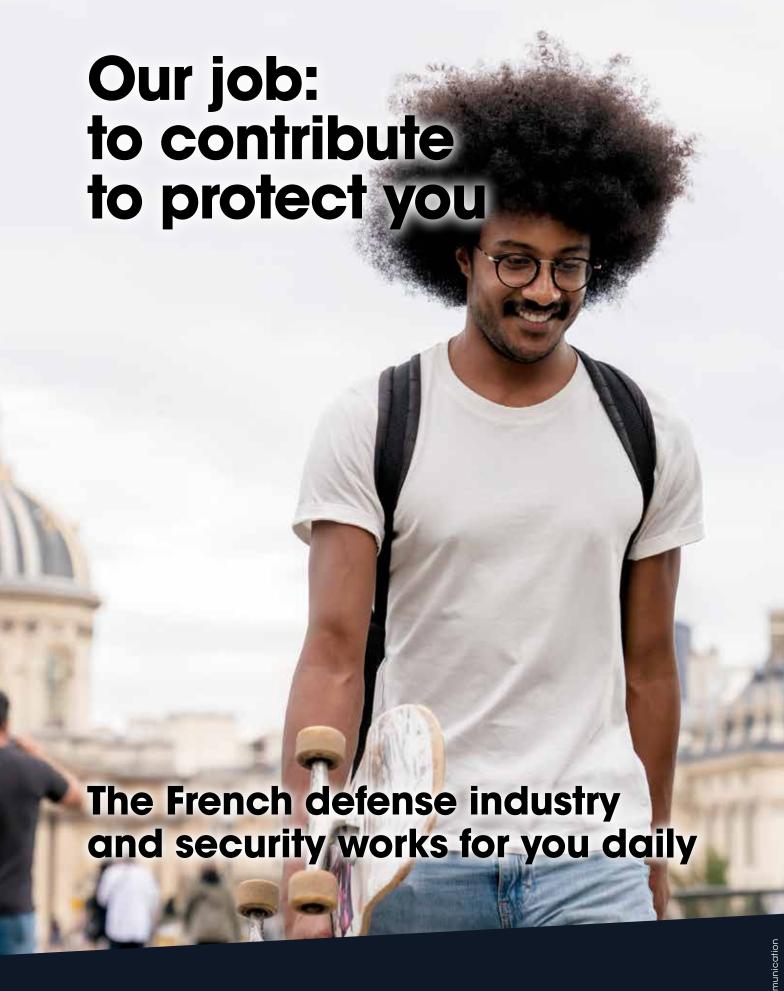


















### **MONKILOWATT**

MONKILOWATT: SILENTLY POWERING YOUR BASE AND MOBILE CAMPS

MONKILOWATT is a start-up specialized in developing mobile solar solutions for base and

mobile camps electrification. Tried and tested in some of the roughest and most challenging environments, our solutions ensure a reliable access to a clean and silent energy for all your operations. Tested by the French army, MONKILOWATT's solutions provide energy wherever you are.

### Containwatt: the only solar container creating shelters.

With its solar panels, batteries and inverters fully packed in one 20ft container, Containwatt is the mobile solar solution for your camps. By deploying at a height of 3 meters, Containwatt's solar roof creates space for shelters or shaded areas for stocking goods or vehicles. Easy to transport, Containwatt is operational in less than a

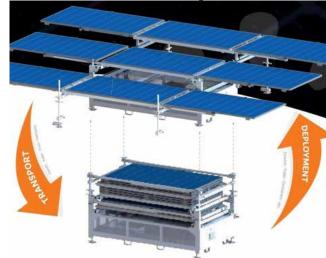
day with only two people and without the help of heavy machinery. With power up to 30kWp, Containwatt brings clean energy to your operations. Already deployed in some of the most challenging environment of the world, Containwatt is robust, reliable and dependable.

### Wattonboard: the ultra-mobile solar generator.

When in need of energy and mobility, Wattonboard is the perfect solution. Wattonboard fits on trucks, pick-ups and trailers. Operational in less than 30 minutes by one person, Wattonboard provides clean and silent energy while on the move. Deploying 4.5kWp, Wattonboard provides autonomy thanks to its 10kWh batteries. Whether for drones charging, water pumping or providing electricity to a mobile camp, Wattonboard will deliver.









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### **MUSTHANE**

Musthane offers various products allowing a versatile and agile forward area operation with minimal logistics footprint. Whereas our company's core skill is the design and manufacturing of flexible composite made products, we design and manufacture a turnkey solution in most of the cases.

Forward Area Refueling Equipment: flexible fuel tanks to store and distribute any kind of military fuel delivered with aviation filtration and fuel dispensing units.

> Patented Cold Weather Engine: Starter specifically designed for starting water or fuel distribution engines in cold weather

> Water management: flexible water tanks to store or transport drinking or raw water. The water tank can be delivered with thermal insultation solutions.

> Ground preparation: Musthane manufactures different types of ground improvement mats which are light weight and really nomad thanks to their design as they are made of double ply high resistance textile coated with elastomer.

- Maintenance mats: for a clean and proper surface for the maintenance of the equipment on muddy grounds for example
- Temporary access ways for pedestrians or vehicles

 Mobile helicopter landing mats specifically designed to be used not only on sand but also in muddy areas. Thanks to their integrated rubber coating, the mats are nomad and can be easily removed from one place to another after a first use.

Musthane has the capability to design and manufacture a tailor-made solution to fit your specifications.





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### **PRONAL**

Turnkey solutions by Pronal in fluid logistics solutions Pronal, with over 63 years of experience working closely with world armed forces designs, manufactures, installs, distributes and maintains, with offers standard, tailormade & 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.

### Fuel & Water bladder, MPFM, RAM and Mobile water treatment plants:

Pronal excels in fuel & water logistic solutions with a variety of flexible tanks, pumps, and fuel filtration systems for agile and secure transportation and storage of fluids. Pronal's equipment is expertly designed for versatility, whether for aerial delivery by helicopter or ground transport on trucks, and includes durable fuel & water storage bladders tailored for the needs of military operations.

**Pronal's mobile drinking water treatment plants** are a key asset, aimed at providing clean water to the population. These mobile drinking water stations showcase Pronal's ability to deliver essential services in emergency situations or in remote locations, ensuring access to safe drinking water. This our commitment to supporting humanitarian & military efforts with innovative engineering solutions.

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.

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### SAFRAN ELECTRONICS & DEFENSE

Strong and precises tailor-made systems for the aerial delivery

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

Safran Electronics & Defense provides strong and accurate tailormade systems for the aerial delivery of bundles or heave loads from different military transport aircraft. Safran is the only European player outside the United Kingdom to supply aerial delivery systems and the first European integrator to develop a system for the A400M transport aicraft.

Airdrop systems can be tailor-made for any type of load, ranging from small packages (up to 320 kg), dropped from the side doors, to heavy loads dropped by gravity from the axial exit.





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### SATELIT ODYSUR

Satelit-Odysur is a SAS whose head office is located in the centre of France, in Bourges (18 Cher). We have two other locations, in Nevers (58 Nièvre) and at Déols airport (36 Indre). We offer an integrated global solution for Transport, Customs and Logistics. We are specialized in the transport of military, aeronautic and pyrotechnic equipment and have been operating on behalf of major defence actor for more than 70 years.

#### Our solutions:

#### Road transport

- Hazardous and/or explosive materials
- Military, classified or NATO equipments
- Non-standard equipment (machine carriers, etc.)
- Full vehicle security by alarm, GPS tracking and remote stop
- Simplified access authorization to military sites
- Network of authorised European partners in their territories

#### **Overseas**

- Air, Sea and hybrid multimodal transport
- Import and export flows for all countries
- Port and airport assistance
- Part or full air and sea charter
- Network of independent agents worldwide
- Project manager dedicated to your operations

#### **Customs**

- Import-export customs formalities (temporary or permanent)
- Intrastat Dispatch/ Arrival for goods (D.E.B)
- In-Bond Transit Management
- Sensitive products and all types of goods
- Customs Process Audit and Consulting
- Bonded Warehousing

#### Storage and handling

- Storage, loading and unloading of sensitive or inert products
- Product routing between workshops and logistics buildings in situ
- Administrative and document management related to the missions
- Secure sites equipped with video protection and intrusion alarms

#### Our certifications and approvals

- Hazardous materials clearance classes 1 to 9 all modes of transport with an internal safety advisor.
- Certification on customs processes, security and safety AEO full
- Approval by the French customs authority and border guard RDE
- Certification ISO 9001 V2015
- MASE certification (health, safety of employees and environment)
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### **SERT**

For more than 40 years now, SERT offers a wide range of mobile field utilities in modules, trailers, containers and platforms for Defense and Security in the sectors of CATERING, SANITATION and LIFE CAMP to improve the life support in critical conditions. SERT has a high efficient quality system certified ISO 9001 and AQAP 2110 for all its defense business units and has the ISO 14001 for its whole sites.

LIFF **CONDITIONS IMPROVING** IN **FXTRFMF SITUATIONS** 

#### **CATERING**

Meals preparation is a major need to consider during peoplegatherings on unsuitable sites.

Specialist of life support in all situations, SERT has designed three comprehensive range of catering equipment covering all the necessary functions: preparation, cooking, refrigeration, freezing, service, dish-washing, bakery...

Catering range: Cooking Modules / Field Kitchen / Field bakery / Cold trailer / Modular kitchen trailer / Containerized Kitchen/ Cold/Bakery / Satellite mobile kitchen / Platform field kitchens/ Containerized catering unit

#### **HYGIENE**

Everything about the personal hygiene contributes significantly to the health and morale of people in hard life conditions. Thanks to its long experience in the production and management of hot water, SERT offers three comprehensive range of sanitary equipment covering all the necessary functions for the personal hygiene on site.

Sanitation range: Hygiene Modules/Field Portable toilet (WC)/ Hygiene trailer/Field Laundry/Shower units/Laundry, Hygiene & Shower Platform/Containerized Sanitation unit/Laundry container, Sanitary container

#### LIFE CAMP

A modern camp must offer comfort and well-being even in extreme geographical and climatic conditions. SERT's know-how in the field of heating, air-conditioning and canvas making allows us to produce several equipment in order to improve the accommodation in difficult conditions: space heaters, air-conditioners, rapid deployable shelters, thermal protections and multifunction trailers.

Life camp range: Space Heaters / Water heater module / Multipurpose trailer or platform

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### **SOFRAME**

Trust, Innovation and Agility for customer satisfaction. Our skilled teams and state-of-the-art industrial capabilities are committed to customer satisfaction all along product life-cycle.

With a rich history of engineering excellence and a commitment to customer satisfaction, Soframe stands at the forefront of innovative solutions in the realm of multi-role armored vehicles for the Defence and Security forces and continues to redefine the standards of versatility, performance, and reliability.

### For Soframe, ensuring In-Service support is essential

We dedicate means to ensure performant in-service support on the long term. A dedicated entity centralizes requests from our customers relating to technical support, warranty claims, repairs and troubleshooting. We coordinate operations with the various industrial partners and service points.

**Services offered:** Management and processing of technical events / Monitoring of warranty claims / Expert assessments on customers' sites / Repair of damaged or crashed vehicles / Repair of subassemblies (technical intervention level 3) / Long-term technical support on customer's site

Our site features a  $2,300 \text{ m}^2$  state-of-the-art maintenance workshop and a  $2,500 \text{ m}^2$  warehouse with automated storage tower. We focus all of our efforts on responsiveness and we ship all over the world with most-adapted packaging.

#### Support throughout the product life cycle:

We support and assist our customers in the implementation of their equipment. We perform Integrated Logistic Support studies, we write Technical User Documentation, and we also monitor the vehicle configuration during its life cycle. This dedicated entity is a real nevralgic center and is in constant communication with the design office right from the design phase in order to integrate all aspects of equipment support.

#### The various activities provided are the following:

Logistics Support Analysis (LSA) / Maintenance concepts / Writing of technical documentation / Configuration management / Obsolescence tracking and processing / Upgrades management / Design file update / NATO codification / Document updates (\$1000D).

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Connectors - Advanced connection solutions.

Stäubli develops quick connection solutions that are ideal for extreme operating conditions at sea, on land and in the air.

### **Fuel logistics**

From the refinery to the final user, fuel transportation requires many connection points. From STANAG standards to specific dedicated profiles, Stäubli is your partner for safe and non-spill connections.

### Our products for fuel logistics are mainly NATO classified.

Thanks to their high resistance to hydrocarbons, pressure and vibrations, Stäubli's quick release couplings and refueling systems ensure safe and rapid filling for various equipments:

- Aircrafts, UAVs, UWMs, helicopters
- Refueling trucks such as the French Carapace

They can be fitted on motor pumps, field hoses, pump units, flexible storage tanks, etc. Used by multiple French army corps and especially by Special Forces, our quick connectors are very appreciated for their ergonomics and reliability.

For instance, our HCB28 can be connected to different types of refueling nozzles. Crafted from high-resistance alloy, our quickrelease coupling is a real asset for your operations as it can be disconnected from either side with no risk of mistakes and can be fitted with a hand wheel for easy handling. The automatic locking, once paired, provides a quick and reliable connection.

Another dedicated product, our VSU38, is a symmetrical quickrelease coupling. Its spherical valve provides a direct flow of the fluid, offering an optimum flowrate/pressure drop ratio. Combined with a bridle and placed on a tank, VSU quick couplings are very easy to connect while ensuring optimal safety conditions, thanks to its lugs system and shock protection ring.

Our latest innovation, the STANAG 3756 TTX60 is designed to meet stringent requirements. TTX couplings guarantee a high flow rate, a low pressure drop ratio so that you save time on your fluid transfers and thereby increase your energy efficiency.

Staubli's comprehensive technological heritage and expertise, we partner with our customers worldwide to provide the most efficient solutions for their applications.





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### TECHNIC EXPORT

Based in France, since 1986, we develop our knowhow worldwide. Our TEX mobile units are designed, manufactured and marketed according to the expertise of our teams, particularly in the field bakery, kitchen, vocational training and mobile medical units. Our TEX products are specifically tailored to military stewardship and sustenance, civil protection, private companies and humanitarian organizations.

We are listed as a provider of Agencies of the United Nations.

#### Our commitments:

- Efficiency In record time, easy to run, our different mobile units are operational.
- Adaptability By all climates, on all fields, our TEX mobile units prove their efficiency.
- Innovation-Constantly evolving offer.
- Quality All our TEX mobile units are 100% MADE IN FRANCE.

### **TEX 250 HJ Mobile Field Bakery**

Small unit fitted on a single axle trailer towed by a light 4x4 truck. The system is fully autonomous for power thanks to a built in diesel generator. The unit is compact and can be disployed in a very fast time.

- Setting up: 10 minutes

Baking capacity: 112 breads of 200g in 1h

— Out put per day in crisis situation: 6,000 individual loaves par jour

#### **TEX CT 800 HJ COOKING TRUCK**

The cooking truck TEX CT 800 HJ responds to the production of meals for 800 to 1,000 men per day. The unit is mounted on a truck 4x4 type any road, towing a generator set all-road trailer. This gives it complete autonomy. The setting up of the cooking truck TEX is extremely fast. The unit operates at 100% electricity.

#### **MEDICAL MOBIL UNIT TEX**

We design specialized and medical mobile areas: screening, dental, ophthalmic, orl, cardiological, gynecological, X-ray, laboratory, blood donation, general medicine, etc. Our mobile medical units TEX are completely selfsufficient, they can adapt to all reliefs and climates. They allow rural populations to have access to overall medical care.



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GABION DEFENSE: Your ally for protection in hostile environments

TENDANCE GABION is an expert in the supply of gabions for retaining walls, fences and facade cladding. Present throughout France and abroad, Tendance Gabion has become a major player in the sector. With Gabion Defense, Tendance Gabion offers its expertise for the protection of people and equipments in hostile environments

The Gabion Defense has been designed in collaboration with infrastructure protection experts to provide an effective response to the need to defend people and equipments in hostile environments. This device offers effective resistance to both fire arms and ram vehicles. Available in a range of sizes and versions, from the classic to the reinforced version with overlapping elements, Gabion Defense is already installed at numerous sites around the world. They are mainly used to protect military bases, but also humanitarian camps and sensitive civilian buildings.

Tendance Gabion is also an expert in military base design. We offer support from camp design to on-site implementation.







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### **THALES**

Next generation services to enhance the Armed Forces' operational efficiency.

Thales' comprehensive range of services and solutions enable military and defence organisations to achieve and maintain maximum capability, system availability and cost effectiveness throughout the complete life cycle of their systems.

Decades of successful collaboration with Armed Forces have allowed Thales to acquire deep insight into their specific requirements. Leveraging our global expertise in digital transformation, industry 4.0 and cybersecurity, and key competence as a global, multivendor system integrator, we have developed a next generation service approach that adapts to our customers' evolving needs.

#### Modular and scalable services

Every customer has their own unique circumstances in terms of operational deployment, logistics supply, maintenance environment and commercial considerations. Our support solutions are tailored to each individual case. We offer solutions that evolve with our customers' requirements and in line with the latest technological innovations.

Our scalable solutions encompass standard services, available on a stand-alone basis or on demand – such as maintenance, repair and exchange, assistance or training – as well as through-life support, and equipment modernisation, renovation and lifetime extension services.

### Supporting our customers on their digital transformation journey

To facilitate access to a new generation of support services we have developed a digital multi-service cybersecure platform, tailor-made to fit the requirements of land, air and naval forces: HeadLight. It's designed to empower military customers to more effectively master maintenance operations and navigate complex supply chains with confidence.

Harnessing the power of advanced data analytics and artificial intelligence, the HeadLight platform offers a single-entry point into a powerful suite of services, including fleet management, knowledge management, field and workshop maintenance, e-commerce and asset management. Headlight can be used in online and offline modes, and operates on secure infrastructure that ensures data integrity, digital continuity, and security.









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### **TIMELINK**

The French Expert in Time & Frequencies.

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

#### **Our main Customers are:**

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

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

25% of our revenue comes from exports.

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

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

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





- Pascal VUILLERMOZ | Sales Director

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### **TOUTENKAMION GROUP**

TOUTENKAMION GROUP, a key manufacturer for all your mobility projects

The modern warfare evolves, and the armies must optimize their mobility: ultra-fast deployment times, severe environmental constraints, autonomy, equipment as close as possible to the theatre, transport of sensitive equipment, comfort, safety, health of personnel on operations.

### **DESIGN CAPACITIES, TECHNOLOGIES, TAILOR-MADE**

Toutenkamion Group designs, manufactures and transforms truck cabs, mobile units and shelters able to cover a wide spectrum of operational applications.

With our means, know-how and experience, we support you in your mobility projects on trucks, semitrailers, shelters, specific containers, expandable or not.

Our teams are fully listening to your needs and advising you during your projects, from the study to the approval/qualification of your solution. We also offer MRO services and the supply of spare parts.

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

#### **MOBILE SOLUTIONS**

- Mastery of the technologies needed to protect people, information and equipment: EMC shielding...
- Air-transportable and navalized shelters for the transport and protection of sensitive equipment: drones, satellite elements for aerospace stations...
- Transformation of truck cabs to be air transportable, safe and comfortable
- Shelters or vehicles production for maintenance and logistics, with optional services, to be as close as possible to the theatre of operation: MRO workshops, Fab Lab workshop, interface for handling shelters or specific packaging, annual contracts for the Army's mobile resources
- Medical products which can be deployed nearest to soldiers: mobile care units for the Army Health Service; integration of equipment to detect radio-contamination; mobile scanner; analysis laboratories

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### **UNAC**

UNAC envisions, designs, produces and maintains specific vehicles in operational condition. UNAC offers innovative and robust solutions to enable Armed Forces to carry out their missions effectively.

#### **RIDER**

The RIDER stands out as a major asset in military support and logistics operations, thanks to its robust design and its ability to transport significant loads directly to the heart of engagement zones. This compact vehicle, with a loading capacity of 900kg, optimizes the delivery of essential materials and supplies with efficiency, while maintaining high mobility on challenging terrains.

The RIDER's trailer, with a loading capacity of 400kg, is specially designed to maximize transport capacity. The RIDER can be quickly taken to the battlefield, as it can be air-dropped, air-transported and heliborne.

The engine setup and suspension systems are also highlights of the RIDER in terms of logistical support. Equipped with interwheel differentials and interblockable axle, along with a suspension suited for the most demanding terrains, the RIDER can navigate through varied landscapes, from soft soils to natural obstacles like ditches or walls. This adaptability ensures that the vehicle can reach remote or otherwise inaccessible areas, providing indispensable support where it is most needed.

> The RIDER offers simplified maintenance, essential ensure constant availability and reduce downtime. With no electronic management and a proven mechanical design, it minimizes the need for complex repairs and allows for quick field interventions, which is vital for maintaining operations in hostile environments.

Thus, the RIDER is truly at the heart of logistics support operations, capable of transporting, deploying, and supportina Armed Forces with maximum efficiency and reliability.

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### **VISTORY**

From cybersecurity software publisher to next generation industrial company

Vistory is an industrial 5.0 company from the digital sector. It specialises in cybersecurity software development, particularly for supply chain security. Vistory is now leveraging this expertise to provide a complete industrial offer for the on-demand production of spare parts.

### MainChain, command & control system

MainChain ensures the confidentiality and integrity of manufacturing data while providing industrial property protection and traceability of operations. The MainChain-managed secure warehouse provides permanent access to a pool of qualified parts that can be directly printed via a network of printers approved and controlled by MainChain. Subcontractors have no direct access to the data, operating only on pre-configured production orders, thus reducing counterfeiting risks. This solution offers a way of producing as close as possible to the need, reducing supply times and maintaining trust between stakeholders.

### MobileClinics, projectable repair units

Mobile Clinics are designed to respond to operational, health or climatic emergencies safely and as close as possible to where they

are needed. This solution allows to maintain activities continuity and reduces strategic dependencies. Comprised of 2 containers with distinct purposes, this offer makes it possible to produce any type of component, anywhere, at any time, in complete security. Mobile Clinics are connected driven by MainChain, which links them to a complete, autonomous and secure ecosystem for faster production. In addition to their analysis, digitisation, production and control facilities, Mobile Clinics include a digital warehouse, a supply system for materials and consumables, and a design and manufacturing on-demand service, which provides access to complementary manufacturing facilities.









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### **ZHENDRE**

Zhendre, the expertise and know-how brand of Eiffage Énergie Systèmes, has been recognized for over 70 years for its mobile solutions adapted to extreme conditions. Specialized in the design and implementation of containerized solutions, mobile air conditioners, and cold rooms, we offer tailor-made solutions capable of meeting all levels of requirements.

Operating in extreme conditions: Equipment to serve the Defence sector.

As a long time supplier to the French army in refrigerated containers and tent air conditioners, Zhendre is now a partner to numerous European, African, and Middle Eastern armies. Among them are the armies of Belgium, Portugal, Switzerland, Spain, Algeria, Morocco, UAE as well as UN peacekeeping forces worldwide.

Mobile containers for all situations: Storage, life camps, workshops...

These materials, designed to operate in extreme conditions, support individuals operating in hostile environments and areas with limited infrastructure. Zhendre develops its products according to the specific clients requirements both in terms of installation power and adaptation to climatic conditions, as well as the needs of all support or operational functions.



#### Mobile conditioners air for shelters

Zhendre also supplies major players in the defense sector with fixed or mobile air conditioners. For the past twenty years, Zhendre provides air conditioners to a significant number of shelters or technical shelters that carry men and state-of-the-art electronic equipment designed to operate in the most extreme conditions.

As a specialist in tent air conditioners, Zhendre has developed equipment that is particularly ergonomic, cost-effective, highly adaptable, practical, operates over a wide thermal range.

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