



## ADDRESS

10 place Gutenberg  
67000 STRASBOURG  
+33 (0)3 88 76 45 00

## CONTACT

Frédéric PAPELARD  
Conseiller Industrie dans le domaine  
de la Défense  
f.papelard@alsace.cci.fr

## Present companies on the space of the Regional ccil of Alsace:

### CORDERIE MEYER-SANSBOEUF SAS

**Address :** 161 rue Théodore Deck - BP 58 - F 68501 GUEBWILLER  
**Phone number :** +33 (0)3 89 74 54 50 - **GSM :** +33 (0)6 70 90 03 17  
**Contact :** Benoît BASIER  
**Mail :** bbasier@meyer-sansboeuf.com  
**Site internet :** www.meyer-sansboeuf.com

No. 1 manufacturer of strings and main actor on the market from braided rope. An continuous investment and a dedicated team enable to maintain its expertise in manufacturing technologies. CMS has a strategy of innovation to develop creative, resourceful and high-tech products.

### ETC SAS

**Address :** 43 Avenue de Montaigne - 68700 CERNAY  
**Phone number :** +33 (0)3 68 10 01 78  
**Contact :** Francis HOBEIKA  
**Mail :** f.hobeika@etcernay.com  
**Website :** www.http://etcernay.com/

Diversification into new businesses finishing multi-fibers and fabrics for technical use by the control treatment for synthetic fibers, for technical uses, preparation suitable for all media, for digital printing and mastery of specific treatment natural fibers.

### GIE ACCESS

**Address :** 3 quai Kléber - 67000 STRASBOURG  
**GSM :** +33 (0)6 25 20 16 91  
**Contact :** Julien AYME  
**Mail :** julien.ayme@gieaccess.eu  
**Website :** www.gieaccess.eu.

GIE ACCESS is a groupment of companies which aims to facilitate the access of its members to international government contracts, especially those related to crisis management, peacekeeping, and development.

Will be present the following companies: Cavas, Gefyra, LMS and Tecpack – a subsidiary of Cepovett Group –.

### SERTIT Université de Strasbourg

**Address :** 300 boulevard Sébastien Brant - BP 10413 67412 ILLKIRCH GRAFFENSTADEN  
**Phone number :** +33 (0)3 68 85 46 40  
**Contact :** Paul de FRAIPONT  
**Mail :** paul.de.fraipont@sertit.u-strasbg.fr  
**Website :** http://sertit.u-strasbg.fr/

The Regional Image Processing and Remote Sensing Service intervenes during emergencies/ crises, worldwide, through its Rapid Mapping Service covering natural, industrial or civil-military crisis.

### VAYLON

**Address :** 4 rue Boussingault - 67000 STRASBOURG  
**GSM :** +33 (0)6 07 08 25 62  
**Contact :** Jérôme DAUFFY  
**Mail :** contact@vaylon.eu  
**Website :** www.vaylon.eu

The Vaylon company develops an innovative solution of mobility able to move quickly on earth and/or in the air, in an autonomous way and in any circumstances thanks to an ultra light aircraft convertible ATV (All Terrain Vehicle).

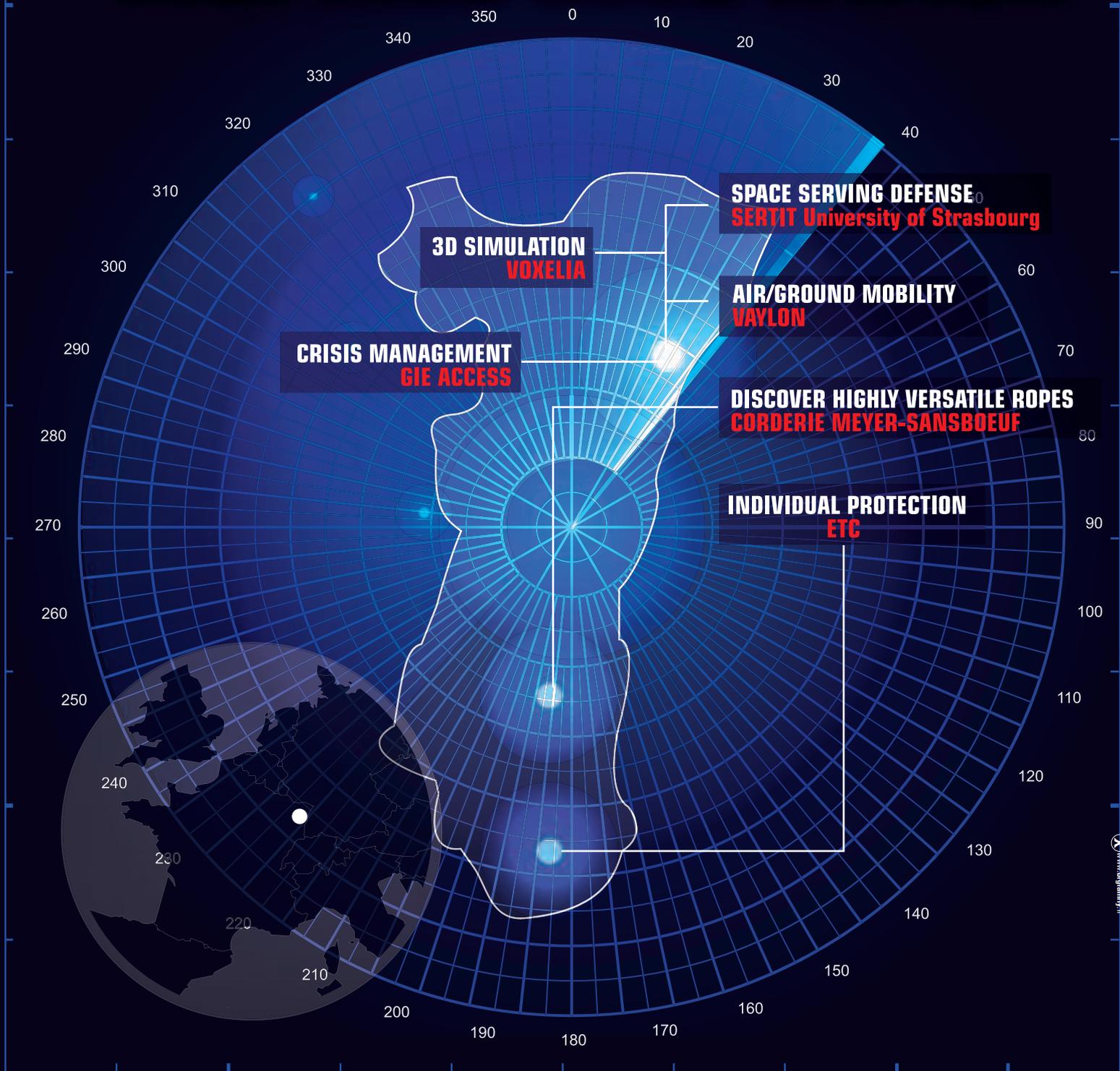
### VOXELIA

**Address :** 8 rue Sébastopol – 67000 STRASBOURG  
**GSM :** +33 (0)6 47 97 80 86  
**Contact :** Mikael GONCALVES  
**Mail :** mikael@voxelia.com  
**Websites :** www.voxelia.com ; www.ardanti.com

Innovative company specialized in 3D real time services and software engineering, with its partner Ardanti Defense, involved in tools conception for military decision makers.

# ALSACE

## *INSPIRED INNOVATION*



**Join us at booth 46**



imaginalsoce



# The world is complex. Your decisions don't have to be.

## Precision strike?

Delivering precision effects within the battlespace while avoiding collateral damage

## Cyber defence?

Active defence of cyberspace

## Situational awareness?

Increased operational tempo through shared intelligence across own, coalition and friendly forces

## Threat detection?

Early detection, prioritisation and faster reaction to threats

## Networked communications?

Enabling the rapid escalation of decision making in the heat of the battle

## Mission optimisation?

Reducing crew workload during complex tasks to shorten reaction time

## Power projection?

Providing logistical solutions for the deployment and direction of forces



Decisions about defence are increasingly complex. At Thales we serve all branches of the armed forces for air, land, naval, space and joint operations – as well as the new threat environments of urban security and cyberspace. Our interoperable, scalable solutions and services provide operational mission support where time and reliability are critical. By placing what we call the 'Critical Decision Chain' at the heart of our equipment and solutions we enable decision-makers to master complexity in critical scenarios and make timely decisions to deliver the best outcomes.

To find out more about our Defence solutions, scan the QR code or visit [thalesgroup.com](http://thalesgroup.com)

**THALES**

Together • Smarter • Safer

## REGION AQUITAINE



RÉGION  
AQUITAINE

### ADDRESS

14 rue François de Sourdis  
33077 BORDEAUX  
+33 (0)5 57 57 80 00

### CONTACT

Maud PAWLOWSKI  
Chargée de mission Aéronautique  
Spatial Défense  
maud.pawlowski@aquitaine.fr

### Present companies on the space of the Regional council of Aquitaine:

**ALGO'TECH:** Expert in electric CAD, we propose for the aeronautical research and maintenance department, the AERO' desk software particularly adapted to desingn and retrofi t of embedded diagrams. You automatically can carry out the « wiring diagrams », « wiring lists », Hook up list...

**Address:** Technopole Izarbel - Hôtel d'entreprises  
64210 BIDART  
05 59 01 59 63

**Contact:** Jacques PERE-LAPERNE  
Président / CEO  
j.perelaperne@algotech.fr  
www.algotech-informatique.com

**DISPOSABLE LAB:** Innovative R&D in the production of single use injectable drugs. The heart craft DISPOSABLE LAB is to develop and manufacture transportable modular assemblies used in the manufacture of injectable products for single use.

**Address:** 7, Allée Isaac NEWTON  
33650 MARTILLAC  
05 57 12 07 32

**Contact:** Jean-Pascal ZAMBEAUX  
Président / CEO  
jpszambaux@disposable-lab.com  
www.disposable-lab.com

**FLY-N-SENSE:** Manufacture, sale or rent of systems mini/micro UAVs ; R&D (specific embedded systems, autonomous systems, design of unmanned aerial systems) ; Service (training, maintenance and implementation of authorization dossiers flight) ;

**Address:** 25, rue Marcel ISSARTIER  
33700 MERIGNAC  
05 35 54 00 97

**Contact:** Christophe MAZEL  
Président / CEO  
cmazel@fly-n-sense.com  
www.fly-n-sense.com

**NETHIS:** Industrialization and commercialization of terahertz imaging systems ; Terahertz Cameras ; Infrared Thermography ; Industrial Vision ; Optical Design

**Address:** 351, cours de la Libération  
Domaine du Haut Carré - Bâtiment C5  
33405 TALENCE  
05 40 00 33 33

**Contact:** Jean-Pascal CAUMES  
Président / CEO  
jean-pascal.caumes@nethis-thz.com  
www.nethis-thz.com (en construction)

**TECHNIQUES EFFECTS:** Company specialized in the production and realization of universe and various objects in three dimensions in real time ; Completion of documentation, technical catalogs in computer graphics and virtual reality.

**Address:** Aéroport Pau-Pyrénées  
64230 UZEIN  
05 59 98 44 67

**Contact:** Jean-Michel LOPEZ  
Co-Gérant  
jemilo@free.fr  
www.techniques-effects.com

**THERMOCONCEPT:** design, manufacture and marketing of characterization and heat NDT (Non Destructive Testing).

The products developed by Thermoconcept are materials used to make thermal metrology (conductivity, diffusivity, effusivity, heat capacity). It can also be control by infrared thermography on site. Infrared solutions implement FLIR.

**Address:** 25, rue Marcal ISSARTIER  
33700 MERIGNAC  
05 47 74 62 12

**Contact:** Richard HUILLERY  
Gérant  
huillery@thermoconcept-sarl.com  
www.thermoconcept-sarl.com

# NIGHT VISION

DETECT LOCATE TARGET IDENTIFY  
ACCURATLY FIRE DAY AND NIGHT



**M983**



**CNDV**



**M949**

## BOOTH 68

**NEW**



**GPNVG**

PANORAMIC WIDE 97° ISTD 401



**BNVD**

ULTRA LIGHT ABOUT 1 LB





# L.F.E. SAS

## ADDRESS

2 rue de Marly le Roi  
78150 LE CHESNAY  
+33 1 39 23 83 00

## CONTACT

Pascal MICHOTÉY  
Directeur Général  
pascal.michotey@lfe-sas.fr  
www.lfe-sas.fr

L.F.E. SAS, founded in October 2005 and our team, which comes from LITTON, benefits of more than 20 year experience in sales of Night Vision products to the French Ministry of Defence (Specials Forces, BFST) and Home Land Security (Police, Gendarmerie, Civil Security).

### L.F.E. SAS provides:

- Night Vision Systems,
- M953 Binoculars Army (AN/PVS-15),
- M949 Binoculars Aviator (AN/AVS-9),
- M983D Monocular waterproof (AN/PVS-18),
- CNVD CNVD-LR Night/Day Sight for Sniper I
- mage Intensifier tubes,
- Thermal systems,
- Associated accessories (laser pointers and designators, filters, compatible NVG lighting ),

- Flight instruments, fiber optic gyros and three axis accelerometers,
- ULD 163 ultra light laser designator.

### SAS also provides the service and assistance for the products sold:

- Acceptance of the material on site (USA) with French Ministry of Defence delegate,
- Training to the maintenance, maintenance and repair,
- Translation in French for each product: data sheets, user manuel, technical maintenance manual.

**Turnover FY 2012:** 3 398 966 €uros (75% military market - 25% industrial market)

**Major customers:** MoD, EADS/ATR, SABCA, EUROCOPTER, THALES.

**New: BNVD binocular ultralight GPNVG 18 - 4 tubes goole (97°)**



# LOCK ON TO MBDA SOLUTIONS



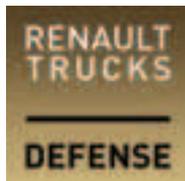
## WORLD LEADING MISSILE SYSTEMS

MBDA combines technological excellence with industrial cooperation to equip the armed forces with the best operational capabilities regarding missiles and missile systems.

[www.mbda-systems.com](http://www.mbda-systems.com)

**MBDA**  
MISSILE SYSTEMS





# RENAULT TRUCKS DEFENSE

## ADDRESS

15bis, allée des marronniers  
78008 VERSAILLES  
+33 1 77 71 20 00

## CONTACT

Charles MAISONNEUVE  
Communication Director  
charles.maisonneuve@renault-trucks.com  
www.renault-trucks-defense.com

**RENAULT TRUCKS Defense**, part of the Volvo Group Governmental Sales, is now a multi-brand holding company with ACMAT Defense and PANHARD Defense. The group traces its roots back to the very first French tank during World War I: the FT-17. Now the three companies and their overall staff of around 1000 offer their customers a complete range of Defense and Homeland security wheeled vehicles (from 3.5 to 42 tons).

**RENAULT TRUCKS Defense** develops and manufactures a full range of armored, tactical and logistic vehicles from 7.9 to 42 tons. It is a legacy supplier of the French armed forces with 4000 VAB Mk1 4x4 armoured personnel carriers and thousands of tactical and logistic trucks in service. It also supplies the complete 8x8 driveline of the French Army's 630 VBCI infantry fighting vehicles and the special chassis of the CAESAR 155 mm self-propelled howitzer. Renault Trucks Defense's customer portfolio also includes more than 65 other countries worldwide. 1000 VAB mk1 APCs have been sold worldwide so far, whereas new models such as the Sherpa Light 4x4 tactical vehicle have already secured their first export contracts.

**ACMAT Defense**, a subsidiary of Renault Trucks since 2006, is the manufacturer of the famous VLRA tactical vehicle which is in service in the French Army (more than 1,200 units) and numerous other countries. Located in Saint-Nazaire, ACMAT has dozens of customers for its new range of light tactical and armored vehicles ranging from 3.5 to 17 tons (ALTV, VLRA and Bastion), especially in Africa where there sturdiness is much valued.

**PANHARD Defense**, a subsidiary of Renault Trucks Defense since October 2012, is specialized in armored reconnaissance, combat and liaison vehicles up to 5.5 tons, including amphibious models such as the VBL. The VBL light armored vehicle is currently in service in France (1600 units) and numerous other countries. The most recent successes of Panhard were met with the PVP sold to the French Army (1133 units) and many other countries.

# THALES

## THALES

### ADDRESS

45 rue de Villiers  
92526 NEUILLY-SUR-SEINE  
+33 1 57 77 80 00

### CONTACT

Françoise MORVAN  
Exhibitions & Events Project Officer  
francoise.morvan@thalesgroup.com  
www.thalesgroup.com

Thales is a global technology leader for the Defence & Security and the Aerospace & Transportation markets. In 2012, the company generated revenues of €14.2 billion with 67,000 employees in 56 countries. With its 22,500 engineers and researchers, Thales has a unique capability to design, develop and deploy equipment, systems and services that meet the most complex security requirements.

Thales has an exceptional international footprint, with operations around the world working with customers and local partners.



## A S S O C I A T I O N LES AILES BRISEES

L'Association des Ailes Brisées a été officiellement créée en 1926 pour venir en aide aux victimes d'accident aérien survenu en service, et à leurs familles. Elle intervient au profit de tous les navigants de l'Aéronautique civile et militaire, que ceux-ci aient été, ou non, membres adhérents de l'Association.

Aujourd'hui près de 3000 veuves, orphelins, ascendants et blessés bénéficient de cette solidarité aéronautique.

L'Association des Ailes Brisées s'est également donnée pour but de maintenir vivant le souvenir des disparus de l'Aéronautique. A cette effet elle prête son concours ou participe à de nombreuses manifestations et cérémonies commémoratives.

**Honorer le souvenir des disparus, aider leurs familles, rassembler les anciens combattants de l'arme aérienne ainsi que les navigants et anciens navigants civils et militaires,** tel est donc le triple but poursuivi par les Ailes Brisées.

ASSOCIATION D'ENTRAIDE AUX AVIATEURS BLESSÉS EN SERVICE AÉRIEN, VEUVES, ORPHELINS ET ASCENDANTS  
RECONNUE D'UTILITÉ PUBLIQUE EN 1928  
Rue Christophe Colomb - 75008 PARIS - Tél. 01 40 73 82 40 - Fax. 01 49 52 07 45 - E-mail: AILES.BRISEES@ailesbrisees.asso.

# PHOTONIS

## Vision Accomplished

### NIGHT VISION

# The world leader of Night Vision Sensor Innovations

#### **DIRECT VIEW based on Image Intensifier Sensor**

##### **For Helicopter Crew**

- Fly in safer conditions at faster speed and lower altitude by night level 5 (overcast starlight)
- Land with Night Vision Goggle ON (thanks to smaller halo and Autogating feature suitable for light-polluted areas)
- Highest performance available

##### **For Groundforces**

- Extended sensitivity spectrum to operate in all field conditions (desert to forest, mountain to sea)
- Unrivalled image by night level 5 (overcast starlight)
- Richer contrast of the image for better view, faster identification and understanding of the terrain with wider dynamic range

#### **DIGITAL VIEW (DAY AND NIGHT) based on full solid-state sensor**

##### **Unattended sensors for remote surveillance**

- Low power consumption and low cost (compared to all other current technical solutions, such as EMCCD)
- Automatic movement detection, "wake-up" feature, fully passive/undetectable, transmission ready
- Independent from weather conditions (rain, wind, temperature difference, direct sun exposure, glass window protection)

##### **Border security Surveillance, UAV**

- One unique camera covering both Day and Night imaging (visible image)
- Enhanced people identification (compared to IR)
- Extended sensitivity spectrum advantage

[www.photonis.com](http://www.photonis.com)



Please visit our website  
for more information:  
<http://www.photonis.com/SOF2013.html>



## AQUALUNG - AERIAL

### ADDRESS

1<sup>ère</sup> Avenue – 14<sup>ème</sup> Rue  
ZI de Carros  
06510 Carros  
+33 4 92 08 28 88

### CONTACT

Olivier Beauchamps  
Export Manager  
obeauchamps@aqualung.fr  
www.aqualung.com

The Aqua Lung group has a wealth of knowledge and experience in the development of equipment for the military and professional diving and aviation communities.

The group is comprised of several companies around the world each with specialized knowledge in manufacturing and product applications:

Diving Equipment range including regulators, buoyancy compensators, military rebreathers, helmets, suits, fins, masks, lamps.

Life Support and Tactical Equipment: Survival egress, harnesses, flotation collars....



## COMMUNAUTE URBAINE DE BORDEAUX / BORDEAUX METROPOLE

### ADRESSE

Esplanade Charles-de-Gaulle  
33076 Bordeaux Cedex  
05 56 93 65 75

### CONTACT

Aurélien Turc  
Directeur entreprises et attractivité  
aturc@cu-bordeaux.fr  
www.lacub.fr

### THE BORDEAUX URBAN COMMUNITY AT SOFINIS

Improving the environment and living conditions, stimulating economic growth, boosting the appeal of our territory and creating a more socially responsible metropolis –today these are some of the key priorities facing the Bordeaux Urban Community. The CUB – which represents some 720,000 people living in 27 municipalities - is implementing far-reaching changes to boost the agglomeration's economic dynamism and reinforce its attractiveness.

Within the framework of its partnership with the Aerospace Valley Competitiveness Cluster, the Aquitaine Region, and more particularly the Bordeaux agglomeration, is today one of the leading regions in the Aerospace and Defence industry in the world.

The promising development prospects of the aeronautical sector resulted in the creation of the Bordeaux Aéroparc, a technology park managed by the Bordeaux Technowest Association with the strong support of the Bordeaux Urban Community. Bordeaux Aéroparc, straddling the towns of Mérignac, Saint-Médard-en-Jalles and Le Haillan, with direct access to the nearby airport, covers a total area of 870 hectares (2,150 acres). In addition to hosting specialised companies, the technological park benefits from:

- 1,570 hectares (4,000 acres) dedicated to aerospace activities;
- 700 hectares (1,700 acres) of the airport site;
- 5 major firms - EADS, Herakles, Dassault Aviation, Thales and Sabena Technics – in addition to a far-ranging network of sub-contractor SMEs;

- 1 aeronautical science and research park with a nursery, incubator and business centre;
- Several engineering schools, offering 2 specialised Master's degrees, and an Aeronautical Maintenance Institute.
- 1 public development and construction company to provide support to companies from the ASD sector setting up in the region.

Furthermore, in order to offer a varied and flexible range of real estate facilities specifically designed for the firms of Bordeaux Aéroparc, and to encourage the development of the installation of innovative start-ups in the same business sector, the CUB and the neighbouring towns of Le Haillan, Mérignac and Saint-Médard-en-Jalles have established the Bordeaux Aéroparc Local Public Company, managed by Bordeaux Technowest.

Bordeaux Aéroparc also contributes to the emergence of new industries:

- Drones, the leading players of which can be found within the area of the UDC, such as Dassault Aviation, Thales, Fly-N-Sense. The Camp de Souge, an air space dedicated to drone activity, is another major asset.
- Aeronautical maintenance also represents a real opportunity for the Bordeaux area, particularly with the establishment of the Aerocampus at Latresne, a training centre dedicated to the profession and to its civil and military applications.

Lastly, the CUB is home to numerous facilities operated by the Ministry of Defence: the AIA in Floirac and the SIMMAD facility at BA 106, Mérignac.

# ECLIPSE



## ADDRESS

Parc Silic - 2 rue de la couture  
94150 RUNGIS  
+33 1 56 34 27 10

## CONTACT

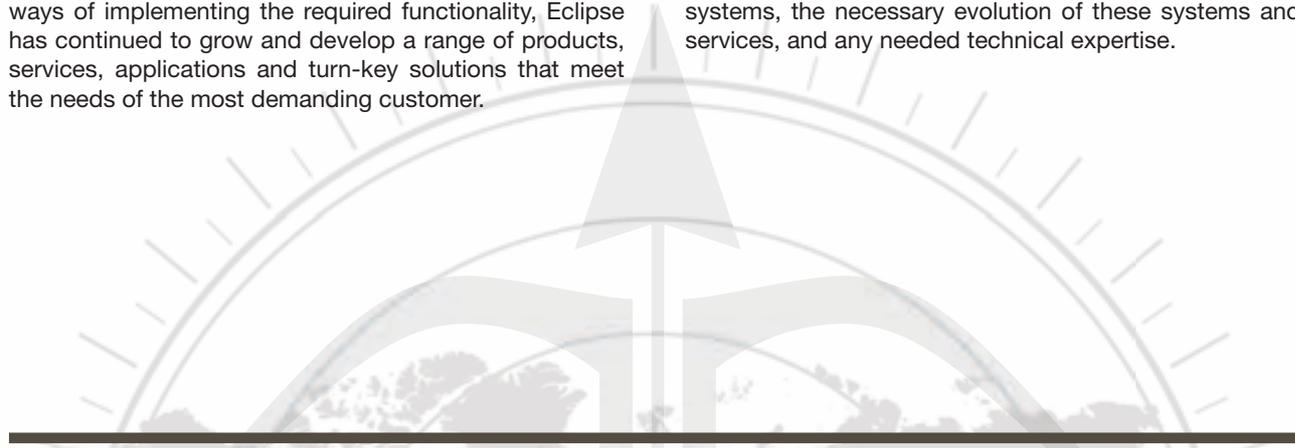
Marc PINAULT  
Directeur général  
marc.pinault@eclipse-fr.com  
www.eclipseglobal.aero

Since 1996, Eclipse has been proposing a range of products and complete solution for airborne satellite communications. Eclipse's growth has been driven by meeting our customers's demands to maximaze the usefulness and efficiency of the airborne communications needs.

By listening to our customers first, then developing new ways of implementing the required functionality, Eclipse has continued to grow and develop a range of products, services, applications and turn-key solutions that meet the needs of the most demanding customer.

Eclipse is the official aeronautical partner for French MOD of major companies as Honeywell, Sita and EADS Astrium Services for products and services of telecommunications by satellites Inmarsat, Iridium and Thuraya.

Supplier of the French Ministry of Defence for the aeronautical satellite communications, Eclipse assures of more the complete support of the supplied and existing systems, the necessary evolution of these systems and services, and any needed technical expertise.



## eclipse Your global Satcom provider

### ● Satcom Equipment

- ▶ Inmarsat I3 & I4
- ▶ Iridium
- ▶ Thuraya
- ▶ Ku- and Ka-band



### ● & Applications

- ▶ **Connectivity**<sup>+</sup> (Web-based Satcom Interface, Router, Firewall, Compression, Acceleration)
- ▶ **Clarity**<sup>+</sup> (VoIP)
- ▶ **Velocity**<sup>+</sup> (Channel Bonding)
- ▶ Payment Systems
- ▶ Tracking
- ▶ **Visibility**<sup>+</sup> and **Vidyo**
- ▶ Tactical Video Transmission



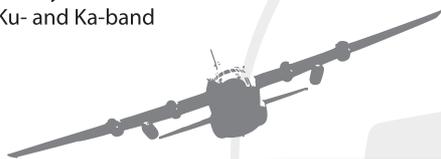
### ● Satcom Services

- ▶ Inmarsat I3 & I4
- ▶ Iridium
- ▶ Thuraya
- ▶ Acars / Datalink
- ▶ Ku- and Ka-band



### ● Systems Integration

- ▶ On-board Satcom Systems Installation
- ▶ On-board Network Integration
- ▶ Integration of On-board Peripheral Systems
- ▶ Consultation on L-band, Ku-band, Ka-band
- ▶ Terrestrial Network Design & Integration



# EUROCOPTER



**ADDRESS**  
 Aéroport International  
 Marseille Provence  
 13725 MARIIGNANE  
 +33 4 42 85 85 85

**CONTACT**  
 Carole Anne VERINES  
 Exhibition manager  
 carole-anne.verines@eurocopter.com  
 www.eurocopter.com

Established in 1992, the Franco-German-Spanish Eurocopter Group is a division of EADS, a world leader in aerospace and defense-related services. The Eurocopter Group employs approximately 22,000 people. In 2012, Eurocopter confirmed its position as the world's No. 1 helicopter manufacturer with a turnover of 6.3 billion Euros, orders for 469 new helicopters and a 44 percent market share in the civil and parapublic sectors.

Overall, the Group's helicopters account for 33 percent of the worldwide civil and parapublic fleet. Eurocopter's strong international presence is ensured by its subsidiaries and participations in 21 countries. Eurocopter's worldwide network of service centers, training facilities, distributors and certified agents supports more than 2,900 customers.

There are currently more than 11,780 Eurocopter helicopters in service in 148 countries. Eurocopter offers the most comprehensive civil and military helicopter range in the world and is fully committed to safety as the most important aspect of its business.



# GROUPE MARCK



## ADDRESS

145, rue Michel Carré  
 ZI des Algorithmes – Bât Euclide  
 95100 ARGENTEUIL  
 +33 (0) 1 34 26 52 52

## CONTACT

Charles GILLIBERT  
 Marketing, Innovation  
 & Communication Director  
 charles.gillibert@groupemarck.fr  
 www.groupemarck.fr

Groupe Marck is an industrial French familial group designing, manufacturing and selling a complete range of uniforms, accessories and equipment for public authorities, armies and companies worldwide. Groupe Marck offers a global service in accordance with demanding and prestigious customers all over the world. Groupe Marck represents:

- seven production units in France and two in the world
- 495 employees in France
- 2011 turnover of €120 million

Sillinger, a subsidiary of the group is part of the event. Since 1962, Sillinger has designed and manufactured foldable boats and RIBS dedicated to an intensive military and professional use. Sillinger is worldwide known for performances, reliability and quality of its products made out of CSM-Neoprene, especially for inflatable boats, anti-pollution products and other inflatable structures. Sillinger is ISO 9001-2000 certified.

**GROUPE MARCK**

**DEFENSE**

**PARADE**

**PROTECTION**

**SERVICES**

**EQUIPMENT**

**UNIFORM AND EQUIPMENT SOLUTIONS**

Phone. +33 (0)1 34 26 52 52 - Fax. +33 (0)1 34 26 52 00 - Info@groupemarck.fr - www.groupemarck.fr

# PROCOMM MMC



**ADDRESS**

12 rue des colonnes du trone  
75012 PARIS  
+33 1 53 33 03 30

**CONTACT**

Kamel DARMOULI  
Directeur  
darmouli@procomm-mmc.com  
www.procomm-mmc.com

PROCOMM MMC was founded in 1983. she has specialized in the transmission of still images and video streams with the minimum available bandwidth. PROCOMM MMC has developed alone or with its partners exclusive and innovative products like GHOST, RACK INES VIDHEM, WITNESS & SATBONDING. Since 30 years, she integrates solutions for tactical video transmission using 3G support, LTE, radio and SATCOM.

- Streaming solution from BGAN to BGAN
- Tactical Video Transmission
- SATCOM Bonding
- Pictures transfert over IRIDIUM, THURAYA and ISATPHONE
- EMERSION Unmanned Aerial Vehicle

**PROCOMM-MMC**  
VIDEOCONFERENCING SERVICES PROVIDER

**Be Here, Be There, Be Everywhere**

**HARRIS**

**EMERSION**

**Digital Barriers**

**iPixCel**

**ASTRIUM**

Depuis 30 ans, PROCOMM-MMC intègre et fabrique Des Solutions exclusives et innovantes de Transmission Vidéo à Bas Débit:

- \* Solutions de Vidéo Surveillance Tactique de Bgan à Bgan
- \* Transmission Vidéo Tactique: Radio, 3G, LTE, Satellite Air-Terre-Mer
- \* Solutions de Combinaison de Flux ( Bonding )
- \* Solutions de Transmission Images 3G, Bgan, Iridium
- \* Solutions de Vidéoconférence Tactique
- \* Solutions d'intégration personnalisée

www.procomm-mmc.com Tél: +33 (0) 1 53 330 330 \* Fax: +33 (0) 1 53 330 350

# RUAG Ammotec France S.A.S.

Together  
ahead. **RUAG**

## ADDRESS

47 avenue des Genottes  
95803 CERGY PONTOISE CEDEX  
+33 1 34 35 15 90

## CONTACT

Thierry DAGUENET  
President RUAG Ammotec France  
thierry.daguenet@ruag.com  
www.ruag.com

RUAG Ammotec, the European market leader in small-calibre ammunition, pyrotechnic elements and components for the Hunting & Sports, Defence & Law enforcement business areas. World-class high-precision ammunition for special forces. Leader in heavy-metal-free primer technology, e.g. for actuator cartridges for the construction industry and special applications in automotive safety systems.

RUAG Ammotec is part of RUAG, an international aerospace and defence technology group with a workforce of 7,700 employees worldwide.

## Focus on your mission. Rely on our ammunition.

Our products enable the highly effective combating of the most varied targets in all situations.

Your ability and our ammunition make the difference!

Please visit us at SOFINS which takes place from April 9<sup>th</sup> to 11<sup>th</sup> 2013 at Camp de Souge, Martignas, France.



**RUAG SWISS**   
The Sniper's Choice

Together  
ahead. **RUAG**

RUAG Ammotec AG  
sales.ammotec@ruag.com  
www.ruag.com

# SAGEM



**ADDRESS**  
 27 rue Leblanc  
 75015 PARIS  
 01 58 11 06 11

**CONTACT**  
 Mireille Loaec - Responsable Commercial  
 mireille.loaec@sagem.com  
 www.sagem-ds.com

**Sagem**, Safran group, holds world or European leadership positions in optronics, avionics, electronics and safety-critical software for both civil and military markets. Sagem is the No. 1 company in Europe and No. 3 worldwide for inertial navigation systems (INS) 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. Operating across the globe through the Safran group, Sagem and its subsidiaries employ 7 000 people in Europe, Southeast Asia and North America. Sagem is the commercial name of the company Sagem Défense Sécurité

# MORPHO



**ADDRESS**  
 11 boulevard Gallieni  
 92130 ISSY LES MOULINEAUX  
 01 58 11 25 00

**CONTACT**  
 Samuel VINSON  
 Chef de programme  
 info@morpho.com - www.morpho.com

**Morpho** a high-technology company of Safran, is one of the world's leading suppliers of identification, detection and e-document solutions. Morpho is specialized in personal rights and flow management applications, in particular based on biometrics, a sector in which it is

the world leader, as well as secure terminals and smart cards. Morpho's integrated systems and equipment are deployed worldwide and contribute to the safety and security of transportation, data, people and countries.

## ENHANCE YOUR VISION TO CONTROL THE BATTLEFIELD



### Sagem Portable Optronics

Observe, detect, identify, locate and engage, day or night. Because clear vision is the key to effectiveness in the field, your forces deserve the best in portable optronics. When you need to maintain a clear head and unlimited vision, you can count on Sagem's combat-proven optronics. [www.sagem-ds.com](http://www.sagem-ds.com)





## 3M France Département Protection Individuelle

### ADDRESS

Boulevard de l'Oise  
95006 CERGY-PONTOISE  
+33 (0)1 30 31 80 95

### CONTACT

S. ROQUET  
Ingénieur d'affaires Armées françaises  
sroquet@mmm.com  
www.3M.com/fr/securite

Founded in 1902, 3M captures the petrol of the new ideas and transforms them into thousands of clever products. Thanks to its culture of the collaborative innovation, the group feeds a ceaseless flow of technologies whose vocation is to simplify the daily life. 3M is, by excellence, the innovating company which never ceases inventing.

Present in more than 70 countries, with 88,000 collaborators in the world, the group carries out a turnover of 30 billion dollars.

Present in France for 60 years, 3M has been today established on 15 sites - including 13 factories - and employs more than 3,000 people.

3M sticks since nearly 50 years being developed, manufacturing and to market protective equipment individual throughout the world. 3M is part of the leaders of protection from the top of body including respiratory protection (disposable masks with the broken down systems with adduction of air), ocular protection (glasses visitors with the safety goggles to corrective lenses integrated like protection of the welder/to grind

to cassette optoelectronics), auditive protection (of the disposable stopper to the protection systems auditive with communication system and of sound amplification).

Today, to choose 3M, it is:

- To be able to be pressed on a team of recognized specialists dedicated to your individual protection
  - A Logistic service
  - An Customers Information Center
  - A technical support France and Europe
- To benefit from a complete range of solutions of individual protections and to be able to profit from a specific accompaniment in formation/sensitizing on the risks, the lawful environment and the good use (port and maintenance) of protective equipment individual which we market
- To be able to benefit from an expert testimony recognized in equipment of noncommunicating/communicating auditive protection soldiers through the armies of the whole world, while profiting from a capacity of personalization according to your needs important.

## AA/ROK

## AA ROCK

### ADDRESS

41, avenue Montaigne  
75008 PARIS  
+ 33 1 45 51 88 74

### CONTACT

Mme TURGIS  
Directeur marketing  
fturgis@arinc.fr  
www.aarok.fr

AA/ROK is a French company specializing in advanced defense technologies. Its develops innovative and robust weapon systems, providing answer to today's operational needs, and based on equipment in service with armed forces, in France and around the world.

The main activity of AA/ROK is the design, development and commercialization of a close air support system for tactical transport aircraft: the SSA-1101 Gerfaut (Gyrfalcon).

The SSA-1101 Gerfaut is a system designed to bring precision guided munitions and a targeting pod under the wing of a Lockheed C-130 Hercules, without modification of the airframe.

It is intended to support Special Forces, by providing image intelligence and strike capabilities. While enjoying the full transport capacity of the aircraft and its wide-area persistence.

AA/ROK is a subsidiary of ARINC S.A. Group, a company specializing in management of defense programs. Its main activities are electronic warfare (IED jammers), ISR systems, commercialization of the SolarShield solar protection, etc.

## ACOEM



### ADDRESS

200 chemin des Ormeaux  
69578 LIMONEST CEDEX  
+33 4 72 52 48 00

### CONTACT

Pierre CAUQUELIN  
Responsable commercial  
pierre.cauquelin@acoemgroup.com  
www.acoemgroup.com

Through its METRAVIB brand, ACOEM offers high-performance threat surveillance, detection and localization solutions for the defense and civil protection sectors.

The systems developed by METRAVIB use the sound waves generated by the firing of small arms, Rocket Propelled Grenades (RPGs), mortars and explosive devices (IEDs) to detect and accurately identify their location in real time.

In more than 40 years, METRAVIB has acquired unique expertise in acoustics and vibrations and in-depth understanding of the needs of the military sector. Thus, METRAVIB helps to provide improved protection for personnel, permanent installations and mobile bases in hostile territory.

## AERAZUR ZODIAC AEROSPACE

ZODIAC  
AEROSPACE



### ADDRESS

61, rue Pierre Curie CS 20 001  
78373 PLAISIR CEDEX  
+33 1 61 34 23 23

### CONTACT

Michel LENNE  
Chef de programme parachutes  
infodeps.arz@zodiacaerospace.com  
<http://www.zodiacaerospace.com>

For more than 60 years, the French company AERAZUR has been designing, qualifying and manufacturing safety and rescue equipment for civil aviation, armed forces and defence industry. In 1978, AERAZUR joined the Zodiac Aerospace Group, a world leader in aerospace equipment.

Within the Zodiac Parachutes and Protection Division, in association with Pioneer (USA) and Pisa (South Africa), AERAZUR is the world leader in the fields of aerobraking, deceleration, and protective equipment. Aerazur is the supplier of many armed forces worldwide, including the French Army, especially for its parachutes and also its safety, rescue and survival equipment.

### The range of military products includes:

- Tactical, troop and emergency parachutes
- Equipment for aircraft and UAVs
- Airlift systems
- Rescue, survival and safety equipment

### Major Equipment:

- Troup Parachutes: ARZ 511, ARZ 696 26 E.P.I, ARZ EPC,...
- Tactical Parachutes: MMS 350, MMS 380, MMS 420, MMS 533,...
- ARZ Kit bags & Weapon Cases: EL 32, EL 33, EL 34,...
- Protective Equipment: Lifejackets, Commando Crossing Suits,...

- Airlift and slinging equipment: *Extraction Systems, Hoisting Straps, SH7 Winchman Harnesses,...*
- Safety equipment: *state-of-the-art MED-IC extraction stretcher, Single Seat Life Raft Type 16, Survival Packs,...*

### Worth Knowing:

**EPI** has been used recently during SERVAL Operations in Mali for several airborne operations.

**MMS** is the first HAHO HALO System in the world designed to offer a complete versatility for military applications.

**ARZ EPC** has been developed in accordance with the French new tactical assault parachute specifications. Designed to allow mass drops at low altitude, safety is increased thanks to the controlled landing capacity (rotations and selected drive) and the collapse resistance.

**ARZ Kit Bags and Weapon Cases** have been designed to optimize the parachutists' safety at any time by firmly securing packs and weapons close to their body and allowing jumping from all levels, particularly from low heights owing to the previous lowering of the load.



## AERONET

### ADDRESS

Parc d'Activités de Beg Ar C'Hra  
9, rue de Keramanach  
22810 PLOUNÉVEZ MOËDEC  
+33 (0)2 96 47 87 75

### CONTACT

info@aero-net.com  
www.aero-net.com

AERO NET designs and manufactures restraint systems: cargo nets, straps and pallet fence. For the Defence sector, the society supplies equipments such as Rope Insertion and Extraction system, 10 000 lbs pallets and composite airdrop platforms.

#### Rope Insertion and Extraction System

The Rope Insertion and Extraction System includes:

- Personal Equipment Set,
- Abseiling Equipment Set,
- Roping Equipment Set,
- Extraction Rope Set.

#### Air drop platforms

Made out of composite materials, the equipped airdrop platform is a modular approach, solid and reliable for the delivery of equipments by air from most of tactical aircrafts.

#### Air cargo pallet

The Air cargo pallet HCU/6E (88 x 108") with load capacity of 10 000 lbs used for the freight transport in military and civil aircrafts is made out of a special treated and strong aeronautic aluminum compatible with the 463L load restraint system. Provided with 22 ties down straps at the periphery, each one is designed to withstand 7 500 lbs in any direction.



## AEROTEC GROUP

### ADDRESS

Aéroport de Valence  
Route de la Trésorerie  
26120 CHABEUIL  
33 4 75 85 29 92

### CONTACT

Jean-Marc JULLIEN  
Sales Manager  
jean-marc.jullien@aerotecgroup.com  
www.aerotecgroup.com

AEROTEC Group is specialized in defense aeronautics field & mainly engaged in development and integration of advanced technologies products & services.

Through its long experience in the military field, AEROTEC Group has established solid relationships with the world's leading operators, giving its clients a full range of performing, innovative and responsive solutions.

#### Our Three Major Activities:

- Optronics (equipments for night operations) Night Vision Capability; Night Vision Goggles, Landing Beacons, Night Vision Goggles Compatible Lighting for aircraft / vehicles / ships, Night Vision Devices, etc.
- Modernization / Upgrade (Gazelle, Puma...)
- Military Gazelle Helicopter Complete Overhaul Military Helicopter



### ADDRESS

Les bureaux du Lac  
Rue Robert Caumont  
33049 BORDEAUX CEDEX  
06 84 77 90 15

### CONTACT

Laurent CAILLARD  
Responsable des opérations  
laurent.caillard@adrones.fr  
www.microdrones-france.fr

ADRONES Is a subsidiary company of AMAE. ADRONES is the exclusive reseller of MICRODRONES in France.

MICRODRONES is the European leader in the multicopter drones business. Its aircrafts are sold by hundreds all over the world, and are the most up to date.

They are remarkable due to their unequalled quality and endurance. Furthermore, they can be equipped with numerous different sensors.



## L'ARMURERIE DE LA BOURSE

# ARMURERIE DE LA BOURSE

### ADDRESS

37 rue Vivienne  
75002 PARIS  
+33 1 42 36 79 83

### CONTACT

Luc WALGRAEVE  
luc@armureriedelabourse.com  
www.armureriedelabourse.com

Distributeur exclusif pour le Ministère de la Défense pour Exclusive supplier of Glock and Barrett products for the French «Ministry of Defense».

- firm specialised in distributing weapons and accessories for the French administration. Frequently called for tenders by several Ministries and official administration services.
- staff of eight people including three qualified gun sellers
- shop equipped with a complete repair area and after-sales services.
- various valuable international contacts giving us priority to find specific products in the field of weapons and related accessories.

# ASI INNOVATION



### ADDRESS

46, rue de la Pagerie  
51470 MONCETZ-LONGEVAS  
+33 6 85 57 86 02

### CONTACT

Jean-Pierre KOHN  
CEO  
jp.kohn@asi-innovation.fr  
www.asi-innovation.fr

### YOUR SYSTEM IS OUR CORE BUSINESS

ASI Innovation is a company specialized in designing, manufacturing, and certification of mission's systems, cabin interior completion and avionics' installation.

The company comes from the convergence of its founders based on finding from their experience: strong expectations in the aeronautics sector for systems of new generation needs unmet, including for aircraft.

Motivated by a strong desire to undertake, Jean-Pierre Kohn and Thierry Cadiou then structured the project into an industrial company set-up from the beginning, with an important activity of Research and Development giving rise to ASI Innovation (Aero system integrated Innovation) in January 2010.

### SERVICES OFFERED:

We offer a variety of services including development of STCs, systems design, research and development, installation kits, consulting and technical assistance.

In addition to serving the commercial markets, we also provide services for aircraft conversion for specific military and paramilitary applications, including SAR, Drug Interdiction and Environmental Protection missions. ASI II adheres to all European standards and regulations, including requirements for obtaining EASA approval of STCs.

Already recognized for mission systems integration and certification in its current markets, ASI II is expanding its activities to international markets so it may provide engineering services to customers who need to comply with future mandates and support emerging needs such as:

- Airborne Security and Patrol systems
- Light aircraft for environmental and pollution surveillance
- Systems for Coast Guard search and rescue missions

# BERTIN TECHNOLOGIES



## ADDRESS

10bis avenue ampère  
78180 MONTIGNY LE BRETONNEUX  
FRANCE  
+33 1 39 30 60 00

## CONTACT

Mme BROSSARD  
Marketing Manager  
brossard@bertin.fr  
www.bertin.fr

Since the very earliest days of the company, Bertin Technologies has been providing key input in the strategic sectors of Defense and Security. Our activities in this field include the provision of consulting and expertise, the performance of studies and the design and delivery of high-tech equipment.

From nuclear deterrence to surface-to-air combat, from biological and chemical control to «Homeland Security», Bertin Technologies provides key support to French and international Armed Forces (army, air force, navy).

Bertin Technologies is renowned for its high levels of skill, knowledge and know-how and counts among its clients the DGA (French arms procurement agency), the CEA (atomic energy commission), DCNS, EADS, Nexter, Safran and Thales, to name but a few.

### Control of bacteriological and chemical threats

- CORIOLIS RECON microbial air sampler for rapid bio-threats detection
- KIM analyzer for in-field real-time specific analysis of bio-pathogens
- SECOND SIGHT camera detection for chemical surveillance (already used by French Insitutions, for EURO 2012 surveillance, in China...etc)

### Surveillance & identification

- Hovereye-EX, Unmanned Aerial Vehicles
- Vigsight, Real time image processing module
- Suzon, Wireless ground sensors

### Training simulators

- EMSET, Simulator for training armoured vehicle crews and platoon

### Information technologies – through Bertin Conseil department & Vecsys subsidiary

**MEDIACENTRIC**, Innovative solution for Media Monitoring and Cyber-defense, covers a whole monitoring process from multimedia (audio, video, text, image) and multilingual Open Source - Web (including Web TV, UGC, social networks, ...) and TV/Radio (satellite, terrestrial, ...) - data acquisition, to exploitation and reporting via a modular and user centered interface.

**MediaSpeech® Lite** is the portable solution for automatic speech transcription (broadcast speech/conversational speech) developed by Vecsys. Vecsys also offers a «custom» voice activated command/input solution embedded on mobile devices (smartphone/tablet). Vecsys multilingual Language Resources service is specialised in transcription of classified audio data by authorised people.

## BGM



## ADDRESS

15 Route de Meaux  
RN3, Le Bois Fleuri  
77410 CLAYE-SOUILLY  
+33 1 60 26 13 07

## CONTACT

Philippe BELLONI  
Directeur  
phil@bgmwinfield.com  
bgmwinfield.com

### OFFICIAL SUPPLIER OF THE FRENCH INTERIOR MINISTRY

BGM was selected to supply the National French Police Force and the Custom Office with a duty belt and mag pouch made by Gould & Goodrich (\$11 millions contract). Recently, BGM won the contract to supply the police special forces with 2000 Glock 17 and Glock 26.

Also, BGM is now the official supplier of the 40mm CTS non-lethal ammunition for the French police, the French Gendarmerie, and the Penitentiary Administration.

### BGM is the importer of the following products :

- ADCOR B.E.A.R. carbines (enhanced M4)
- AIMPOINT red dot sights.
- B&T pistols, carbines and sound suppressors.
- CTS/CSI tactical and less-than-lethal ammo.
- GLOCK pistols and SVI pistols.

- GOULD & GOODRICH holsters.
- ILEE lasersights.
- INOVA INFORCE Tactical Flashlights.
- KNIGHT ARMAMENT SR16 and M110 carbines and rifles.
- LAPUA bullets and brass.
- PEZT tactical glasses and goggles.
- SAMSON High Grade Picatinny Handguards.
- SCHMIDT & BENDER scopes.
- TPS high grade tactical rings.
- U.S.OPTICS scopes.
- VIHTAVUORI powders.

BGM was founded in 1959.

# BOLLÉ PROTECTION



## ADDRESS

95, rue Louis Guérin  
69100 VILLEURBANNE  
+33 4 78 85 23 64

## CONTACT

Rubina MEUNIER  
Marketing Manager  
rmeunier@bolle-safety.com  
www.bolle-tactical.com

Since 1888, Eye protection is at the heart of our expertise. Bollé has been pursuing the same single objective for more than a 100 years: to detect all possible risks & provide tangible technological solutions and specifically targeted treatments, that comply with the most stringent safety & tactical standards. Renowned as the eyewear protection specialist for solar, sport & industry, Bollé has developed a wide ballistic product range branded Bollé Tactical. These meet the highest standards in terms of ballistic resistance, dust filtration, UV & laser radiation and optical quality. All the Bollé Tactical products are designed, tested & certified to offer the most efficient solution for every situation & environment: anti-terrorism, special operations...

For maximum protection, Bollé Tactical offers a complete range of spectacles, sunglasses and goggles, certified to Ballistic Resistance standard STANAG 2920 & 4296. Among the top products, discover the goggle X810, X1000 double lens, the combat Kit & the famous SWAT tactical sunglasses.  
More on [www.bolle-tactical.com](http://www.bolle-tactical.com)

# BREN-TRONICS INTERNATIONAL SOLUTIONS S.A.R.L.



## ADDRESS

20 rue Henri Regnault  
F-75014 PARIS  
+33 1 40 59 61 56

## CONTACT

Vincent MONTEUX  
Director, International Programs  
vincent@bren-tronics.fr  
www.bren-tronics.com

Bren-Tronics International Solutions SARL is the French subsidiary of Bren-Tronics Inc. Original system designer and manufacturer since 40 years, we are specialized on portable power system solutions for military and commercial customers worldwide. Our full range of products includes primary and rechargeable batteries, universal chargers as well as hybrid systems integrating solar panels, wind turbine and Methanol Fuel Cells.

Our mission consists on designing, distributing, deploying and maintaining robust and modular power solutions for military applications and severe environment.

Our activity is not limited to France, we operate in 35 countries and our role is also to innovate and develop the future of the Company around our 3 mains expertise:

- Primary and rechargeable batteries, universal charging solutions (portable, workshop and vehicular)

- Hybrid power systems using renewable sources and providing from 10Wh to 15KWh
- Future Soldier Programs and Soldier Modernization Power

Innovation and adaptability are our assets to ensure safety, reliability, performance and right cost of our products and solutions to our customers. Relying on technologies and resources of Bren-Tronics Group, our team composed of both technical and military skills endeavours to provide you the appropriate operational solutions. Thus, we are at your disposal so that "the lack of energy is no longer a fatality!"



## CAE AVIATION

### ADDRESS

Aérodrome  
03120 LAPALISSE  
+33 4 70 99 18 03

### CONTACT

Joël CRUCIANI  
Directeur du site  
info@cae-aviation.com  
www.cae-aviation.com

CAE Aviation is the European leader in providing full Airborne Ground Surveillance and Reconnaissance Services. During the last eight years we have delivered more than 10 000 hours of discrete aerial surveillance, with long-range real time image up and down link .

The company owns and operates 17 aircraft dedicated to air support. We are the WESCAM distributor for France, Belgium and Luxembourg and operate MX10HD, MX15HD and MX 20HD WESCAM gyro stabilized gimbals. As of June 2013 CAE's subsidiary company CAVOK will open a WESCAM service centre in the new premises which are based on Lapalisse airfield (near Vichy) in France.

In addition to the gyro stabilized gimbals we use 60 Mpix digital reconnaissance vertical cameras, moving map systems, Search And Rescue radars, SIGINT and

COMINT receivers, downlink transmission, uplink satellite transmission , and Skytrac flight following.

We also provide and integrate complete self-supporting image intelligence packages. Our AGSR capabilities cover a wide range of applications, such as Border control, Maritime survey, Anti piracy operations, Fire detection and monitoring, internal security operations, pipe lines, oil rigs...

CAE-Aviation also provides in house modified aircraft such as Cessna 208B's fitted with tail stinger, wingtip and under belly pods, which can carry survey equipment such as gravimeters, magnetometers, radiometers, hyper spectral sensors, LIDARS, vertical cameras, etc.



## CANON FRANCE

### ADDRESS

17 quai du Président P Doumer  
92414 COURBEVOIE  
+ 33 1 41 30 15 15

### CONTACT

José BRANCHARD  
Pro business developer Manager  
jose\_branchard@cf.canon.fr  
www.canon.fr

Created in 1937 at Tokyo with the aim to achieve a high quality Camera, Canon capitalized on its imaging and original technologies to quickly diversify its activities and offer professionals and mass Market users innovative and high quality products. Today the Canon Group is recognized and trusted throughout the world as a major stakeholder and gained a real position of leader because he is the only one to offer such a huge range of products

in liaison with image and document, Canon products cover the whole scope of imagery chain (cameras, camcorders, printers, network cameras ...) and also a wide Range of printing systems and solutions which are fully adapted to the Security and defense uses. The Canon investments in Research and Development represent more than 8.5 percent of the net sales to develop Innovative products which make the difference with competitors



## CEA

### ADDRESS

15 avenue des sablières - CS 60001  
33116 LE BARP Cedex  
+33 5 57 04 42 12

### CONTACT

Jean LAJZEROWICZ  
Communication officer  
jean.lajzerowicz@cea.fr  
www.cea.fr

The CEA (French Alternative Energies and Atomic Energy Commission), is a French government-funded technological research organization, which is involved in setting up collaborative projects with many partners around the world.

The CEA is active in four main areas: low-carbon energies, defense and security, information technologies and health technologies. In each of these fields, the CEA maintains a cross-disciplinary culture of engineers and researchers, building on the synergies between fundamental and technological research.

The CEA is based in ten research centers in France, each specializing in specific fields. The CEA benefits from the strong regional identities of these laboratories and the partnerships forged with other research centers, local authorities and universities.

As the European leader in micro and nanotechnologies, the CEA groups together fundamental research and technological innovations serving industry, to develop intelligent, miniaturised solutions in the fields of information, communication and health. It is a founding member of the Minattec project, the leading European center in this sector.

Microelectronics is the «driving force» for micro and nanotechnologies, with a major challenge: component miniaturisation. CEA research also covers microsystems, integrating electronics and mechanics (MEM - microelectromechanical) or electronics and optics (optoelectronic). The CEA also plays a part in integrating these technologies with other systems (e.g. flat screens, smart devices, medical imagery, etc.)

## CENTIGON France Sas



### ADDRESS

42, rue d'Armor  
22400 LAMBALLE  
+33 6 09 74 60 15

### CONTACT

Valérie ORHAN  
Sales Manager  
v.orhan@caratsecurity.com  
www.caratsecurity.com

Carat Security Group (6 factories Centigon and Carat Duchatelet worldwide), manufactures multilayered ballistic glass and armored vehicles of all kind: passenger vehicles, CIT and a full range of military vehicles with an off-road range, Armor Personal Carrier (APC), water canon vehicles, exchangeable cabins, Special Forces vehicles and armored kits.

Carat Security Group's extensive manufacturing and R&D experience in the areas of blast effects, IEDs, EFP, shaped charge and armor piercing ballistic threats has direct applicability to our full of range of armored vehicles.

## CILAS



### ADDRESS

8 avenue Buffon, BP6319  
ZI La Source  
45063 ORLEANS  
+33 2 38 64 40 05

### CONTACT

Pascal NEBOIS  
Conseiller militaire - Direction des programmes militaires et de sécurité  
info.defense@cilas.com  
www.cilas.com

Over the last 40 years, CILAS has been at the leading edge of the modern technology sector thanks to its unique expertise in laser and optronic technologies. CILAS designs, manufactures and markets products for defense and security applications. CILAS is also involved in large-scale scientific laser programs and in industrial and scientific instrumentation.

#### Main products of CILAS:

*DHY 307 LW - Lightweight Ground Laser Target Designator (GLTD)*

The DHY 307 LW has been successfully proven for guiding any type of laser-guided weapons as bombs, missiles and artillery shells (NATO, Russian & Chinese) up to 10 km. In order to operate «surgical strikes», these systems «illuminate» the target to guide weapons with accuracy. With a weight of 4 kg, the DHY 307 LW has a simple interface and can be connected to infrared camera or laser pointer. A see spot option is currently under development.

#### *SLD 500 - Sigh Laser Detector*

The SLD 500 is based on CILAS laser and optronics expertise; it pin points optical scopes used by observers, spotters or snipers and also optronic sight systems from potential threats. Operating day/night, it is adapted to urban and battlefield situations. Automatically scanning its panoramic environment, its remote broadcast unit allows 24-hour recording of the situation. It can be connected to additional sensors, such as acoustic detectors, thermal cameras, ground radar.

#### *SLD Scout - Portable Laser Sight Detector*

CILAS currently launches a portable version of the SLD 500, the SLD Scout (<2 kg smart goggles) for the surveillance and the security of soldiers on battlefield, in convoy or in urban warfare. The SLD Scout has a compact design, a high autonomy and a lightweight for handheld use.

## CYALUME TECHNOLOGIES SAS



### ADDRESS

295 rue Mayor de Montricher  
ZI Les Milles - CS 40435  
13591 AIX EN PROVENCE CEDEX 3  
+33 4 42 37 17 80

### CONTACT

Col. (ER) Bruno DUHESME  
Directeur commercial  
bdupesme@cyalume.com  
www.cyalume.eu

#### **ATEX-certified military ChemLight**

Cyalume® Light Technologies is the world leader in chemiluminescent products. For around 40 years, military forces around the world have extensively used ChemLight™ lightsticks, which are simple-to-use products with proven reliability, durability and effectiveness. A Cyalume chemlights product allows soldiers to control darkness to their advantage.

Cyalume chemlights are the safest light source used by military forces in the most hazardous situations, including combat operations, dealing with technological hazards, and natural disasters. They can be used for any emergency, even underwater.

With ISO 9001-certified factories in the US and France, Cyalume guarantees the highest quality standards. The unique production process meets and exceeds military specifications, making Cyalume the sole manufacturer authorised to display NATO stock numbers (NSN), on all ChemLight brand products.

#### **Tactical battlefield simulators**

With the acquisition of Combat Training Solutions, Inc., Cyalume is broadening its product line and is entering the market for training forces in realistic environments. These tactical battlefield simulators have the distinction of being non-pyrotechnic and completely programmable, used to replicate mortar attack on a convoy, an explosion in the subway, a suicide bombing, medical teams working in a combat zone, and so on.

Until now, training for these scenarios had to be done using pyrotechnics, which can be dangerous and may not provide a sufficient degree of realism.

With its new simulators, Cyalume is innovating once again. These products allow all forces engaged in crisis situations - military, police or first responders - to face the realism of high-intensity effects (smoke, noise) and to train safely under realistic conditions.

The major advantages of this solution include simple implementation, portability and no danger from pyrotechnics.

# DEEPCORE



## ADDRESS

12 rue notre dame des victoires  
75002 PARIS  
FR +33 6 98 95 09 24  
DK +45 4 07 83 043

## CONTACT

Xavier BINGEN  
President  
xbingen@deepcore.pro  
www.deepcore.pro

DEEPCORE is an agency specialized in providing specific equipment to special forces, antiterror units and swat teams.

### Brands:

Mehler Vario: standalone plates class IV et III, tactical armor, carriers, shields.

Revision Military ; ballistic eyewear and helmets, Covidence spy cams and recorders, Dragon Auto Systems, automatic target systems and robots Sunrock crew served weapon lights (PH40 and Night Reaper), DeepCore custom targets

Offices in France and Denmark.

# DIMATEX SECURITE



## ADDRESS

ZA MONTEPY  
69210 FLEURIEUX SUR L'ARBRESLE  
+33 4 74 01 94 94

## CONTACT

Frédéric GULLON  
Gérant  
frederic.gullon@dimatexsecurite.fr  
www.dimatexsecurite.fr

**Our productions revolve around two main lines of products :**

### DIMATEX Line

- Medical bags and pockets
- Extraction and stretcher systems
- Tactical bags and water-proof bags
- Pack boards
- Gear packs
- Radio-carriers, ammunition-pouches, decoration-holders

### CUSTOM-MADE Line

Development of your products in compliance with your specifications and budgets.

# DIRICKX GROUPE



## ADDRESS

7 rue Jean Mermoz  
78000 VERSAILLES (France)  
Tel : +33 1 39 24 58 87

## CONTACT

José CAUDY  
Responsable Technique Sécurité Export  
jcaudy@dirickx.com

DIRICKX Security, global integrator of complete security solutions for sensitive sites, DIRICKX Pro.Sé.Dé, perimeter intrusion and detection solutions designer, DIRICKX Groupe Subsidiaries, they combine to offer you: a unique and global offer.

• Support to the expression of your needs • Consideration  
• Analysis of technical, human and organizational constraints • Customized solutions Definition • Project Implementation • Training and maintenance solutions through innovative and effective protection:

• Perimeter Fence • Instrumented Systems • Anti-crossing  
• Pedestrian and vehicle barriers • Security • Electronics  
• Video protection and Video Intrusion Detection • Access Control Systems • Warning and evacuation • Supervision.

## Egalement présente sur le stand , la société CEDREM

CEDREM is a product performance enhancer working hand in hand with our customers. This ground breaking company is a team of multidisciplinary engineers and researchers specialized in complex systems analysis under dynamic loadings such as shocks, impacts or explosions...

Its dynamism and creativity in developing new numerical tools and new composite materials lead to a service at the cutting edge of innovation and new technologies to drive the development of new protection products (vehicles, structures, airborne systems, building, ship, soldier...).

### **CEDREM increases the pace of your innovation**

#### **Skills**

- Dynamic behavior of structure by numerical simulation (RADIOSS/AcuSolve/ Hyperworks software...)
- Development of predictive numerical tools enabling protection design
- Research on composite material to lighten structures
- Material law calibration
- Design Of Experiment (DOE) and solution optimization
- Human FE model (comfort, ergonomics and traumatic behavior)

#### **Others fields of expertise**

- Material characterization (static and dynamic)
- Prototype manufacturing and technology transfer
- Study and technical assistance
- Design and CAD tools

#### **Certifications**

Defense agreement  
Certificated research Laboratory

#### **Contact: CEDREM**

41210 NEUNG-SUR-BEUVRON  
+33 2 54 94 62 71  
Karine THORAL PIERRE  
Directrice  
secretariat@cedrem.fr  
www.cedrem.fr



## EDEN

### ADDRESS

Place de la Bourse  
69002 LYON  
+33 4 72 40 57 27

### CONTACT

Jean-Philippe BALLAZ  
Délégué général Eden  
ballaz@lyon.cci.fr  
www.eden-defense-cluster.com

EDEN the first Defense, Safety and Security Cluster, founded on November 27th 2008, is dedicated to the international development of companies in the defense sector.

85 EDEN'SMES are able to provide rapid and innovating solutions, for any Defense field.

The objective for the SMEs is to achieve economies of scale and benefit from greater leverage in order to be

more competitive, by concentrating on Defense and Security markets in which their synergies of expertise is fundamental.

More than 30 EDEN's companies participate to SOFINIS. Discover synergic solutions dedicated by AMS, Atermes, Centralp, CERG, Groupe ICM, IFTH, Labaronne Citaf, LGM, Procaly, Prolann, Sarrazin, Solarmtex, Tra-C Industries...

## ESDT



### ADDRESS

39 rue de la Villeneuve  
Centre d'Affaires « La Découverte »  
BP 652  
56106 LORIENT CEDEX  
+33 2 97 87 20 20

### CONTACT

Thierry BOUSQUET/Marc LANVILLER  
EOD - C-IED Manager/ SECURITY  
Manager  
esdt@esdt.com  
www.esdt.com

Quality, performance & professionalism have been ESDT's operative words since its creation in 1997. Our company can boast about more than a decade of experience in varied fields, such as security, defense and telecommunication.

We are committed to offering state-of-the-art tactical solutions, corresponding to what is expected on the field.

At ESDT, we are particularly attuned to current issues and the material needs of the various theaters of operation.

We focus on quality and cutting-edge technologies. Thereby, all our products are chosen according to a rigorous screening process in order to meet your missions' requirements.

We have developed our line and now offer a complete portfolio of products and services, including:

- IEDD/EOD
- OPTICS/OPTRONICS
- WEAPONS
- BALLISTICS
- CBRN SOLUTIONS
- SITE PROTECTION
- TACTICAL EQUIPMENT
- TELECOMMUNICATION
- INNOVATION

Throughout the years, we've built a trusting relationship with the most prestigious units and major administrations on the French territory. But ESDT is more than just a presence on the French territory.

Our work in the landscape of national defense allowed us to spread our scope of action and to work in more than 30 countries all over the world (such as Morocco, Tunisia, etc...).

Over time, ESDT has started working with strong and reliable partners with whom we maintain a close relationship : EOTECH, AVON, R&D Tech, INVISIO, TELEROB, ALFORD, and more. This cooperation enabled ESDT to be a quality intermediary between supplier and end user. ESDT relies on its partners' skills to carry on a thorough analysis of the needs and bring the most appropriate solutions.

## ESRI FRANCE



### ADDRESS

21, rue des Capucins  
92195 MEUDON CEDEX  
+33 1 75 60 21 59

### CONTACT

Paul-Alexandre JEAN  
Ingénieur d'affaires Défense  
pajean@esrifrance.fr  
www.esrifrance.fr

Change is rapidly coming to how the military develops, works with, and uses geospatial technology, and GIS is at the forefront of this transformation. Defense organizations directly embed geospatial capabilities into mainstream command, control, communications, computers, intelligence, surveillance, and reconnaissance (C4ISR) applications.

Geospatial intelligence (GEOINT) integrates imagery and geospatial data with other intelligence to create products critical to national intelligence, national security, and defense. GEOINT combines previously separated domains such as map production, GIS, and imagery analysis.

Warfighters, logisticians, and defense health providers all depend on location-based information. GIS can help defense and intelligence organizations visualize occupational and environmental hazards; track evacuees, casualties, and high-value medical equipment; and perform disease surveillance and epidemiology research.

## EXAVISION



### ADDRESS

ZAC trajectoire  
8 avenue Ernest Boffa  
30540 MILHAUD  
+33 4 66 74 66 00

### CONTACT

Eric NASCIMBEN  
Directeur  
info@exavision.com  
www.exavision.com

Since 1990, EXAVISION has designed and produced rugged optronics solutions dedicated to the Defence and Homeland Security or to the nuclear field.

From the beginning, EXAVISION has implemented a development strategy based on three key points: Flexibility, Innovation and Quality. Since 1997, our ISO 9001 certification has led the main European customers to reaffirm their confidence in our company.

2012 Turnover: 3.5 M €uros (Defence 67% - Security 15% - Nuclear 17% - Industry 1%).

**MOS400 / MOS400/PTS:** Integrated Solution controlled as a traditional dome, while offering:

- A tri-sensor assembly for detection and identification operating day and night in a totally passive way (undetected)
- Rugged products to meet customer's requirements for military and marine environments.

This equipment has already been selected for the protection of military camps in Afghanistan, for the protection of areas producing nuclear electricity (EDF), by the Coast Guard on their interceptor boat, etc...

**TARGETING CAMERA:** Since 2006, EXAVISION has developed a targeting cameras range to equip Navy Frigates, Naval remotely operated pan & tilt (FREMM) or vehicles for ground applications (armored vehicles).

The combination of different sensors allows the operating use in day and night conditions with laser rangefinder, GPS, automatic tracking, etc. ...

**NEYE'T CAR:** innovating solution of thermal imaging over 150° to control vectors (tanks, ships, UAVs, etc ...) in bad weather conditions (fog, rain, etc ...) and in a total covert way by night.

**OMNICAM LONG RANGE:** Modular solutions range dedicated to long range 24/7 surveillance for highly sensitive infrastructure protection (petrochemical and nuclear industries, border and coastal areas). This electro-optical system is associated with a radar and a software package and enables recognition, identification and automatic target tracking up to several kilometers in day and night conditions.



## EXPORT TRADING SERVICES

### ADDRESS

Galerie Le Sévrien  
103 rue de Sèvres  
75006 PARIS  
+33 1 45 48 91 34

### CONTACT

Bernard CAYRON  
Directeur  
info@ets-paris.fr  
www.ets-paris.fr

### ETS Export Trading Services introduction

Founded in 1986 ETS imports technical operational niche equipment for French Government Security Agencies and French Special Forces mainly from UK or USA

ETS support companies establishing their offers according tenders to French Ministry of Defense , DGA and Ministry of Interior (Public Contract Code)

ETS support export missions, exhibitions in France and abroad

At SOFINS ETS will assists:

**Accuracy** International UK snipers rifles AX .338 and semi-auto AS.50

**FOG Germany**, FCS audio-video sniper coordination system.

## EXTREM' VISION

extrem-vision.com



## EXTREM'VISION

### ADDRESS

Espace OPTIMUS  
3 avenue Gustave Eiffel  
66600 RIVESALTES (France)  
+33(0)4 68 55 51 55

### CONTACT

Stéphane GOUVERNEUR  
Dirigeant / CEO  
extrem-vision@orange.fr  
www.extrem-vision.com

Since more than 15 years, Extrem' Vision is an integrator of all kinds of equipments for use in high stress environments: immersed, humid, polluted, dusty, hot, cold, radioactive, etc...

More particularly we perform in complete independence the integration of image sensors : photo or video, day/night, image intensifier, thermal, unfiltered IR, ranging technology, SWIR, etc...

Also, we are designing many specific accessories for an operational deployment (dropped sensor, gimbals, GPS, positioner, containers, transceiver...)

A team of engineers and senior technicians is at your service, from the needs requirement to the maintenance in operational condition.

Extrem' Vision is qualified ISO 9001, ISO 14001 and is authorized to confidential contracts.

Find our products and services on our website :  
www.extrem-vision.com

### OBJECTIF BASTILLE

- Leader on the professional market
- Specialised in the reflex DSLR and video professional
- A specific department for the key account
- Agreement for the selective distribution with Canon and Nikon
- Delivery twice a day in France overnight
- Training product on spot
- Open all the year (no closing during the summer holidays)
- Exhibition stand at Milipol fair

**Contact:** 11 rue Jules Cesar - 75012 PARIS,  
Guy FRANGEUL - responsable Grands Comptes  
+33 1 43 43 57 17 - guy.frangeul@objectif-bastille.com  
www.objectif-bastille.com

# FGH SECURITY

## ADDRESS

Route de petit Pont  
45600 SULLY SUR LOIRE  
+33 2 38 38 12 83

## CONTACT

Nathalie GERARD  
Managing Director  
fgh.security@gmail.com  
fgh-security.com

Since 2003, FGH SECURITY has been involved on the homeland security dealing with monitoring equipment for covert operations to fight against terrorism, drug contraband, criminal organizations etc. During the past ten years, FGH SECURITY could work with governmental agencies and its industrial partners very closely, to offer the best solutions and products to meet the operational needs.

### Our product catalog

*Using high quality, reliable and proved equipment.*

- Wireless audio / video / tracking systems
- Small digital recorders
- Monitoring sensors / perimeter protection with alert transmission
- Night vision goggles and thermal cameras
- Audio / Video processing and restoration
- Explosives detection
- Close Combat Radio
- Concealment
- TSCM

### Our industrial partners

FGH SECURITY is the authorized distributor for the following vendors in France  
Cobham TCS, Seqtor, Ovation Systems, Providence, Intellicam, Innova, Keywave Products, WireOnAir, RS DYNAMICS, Cedar Audio

### Equipment displayed at SOFINS

- Tactical Sat communication Intercept Thuraya / Inmarsat
- Soldier protection and perimeter monitoring : RF / GSM / SAT frequency activity scanners
- Remote control and monitoring
- Data transmission : MESH network IP COFDM
- Tactical close combat Radios C4i
- Covert recorders with high storage capacity and store and forward capabilities

### For information, please contact:

Phone +33 (0)2.38.38.12.83  
Email: fgh.security@gmail.com

# GERAC



## ADDRESS

Zone d'activité Laseris 1  
Avenue du Médoc  
33114 LE BARP  
05 82 52 82 28 / +33 (0)5 82 52 82 82

## CONTACT

Florence PAULET-TOMCZAK  
Sales manager  
florence.paulet-tomczak@gerac.com  
www.gerac.com

GERAC carries out studies and tests in environment. GERAC has 4 sites in France (Bordeaux, Paris, Toulouse and Gramat) and 2 subsidiaries abroad (Madrid and London).

GERAC checks the electromagnetic compatibility of equipments and systems in their environment, as climatic and mechanical aspects, lightning effects (direct and indirect) and HIRF (High Intensity Radiated Fields).

It designs and achieves high current generators and high power pulsed fields.

In the last years, GERAC developed a broadband radiofrequency absorbers which allows the visual and IR camouflage of all systems.

These products are part of the BZ' line and they permit to lower or change the radar cross section and IR'

signature of systems, as well as to absorb 99% of the electromagnetic waves.

The BZ' line, whose external appearance imitates all natural environment (rock, snow, tree trunk...), is easily customizable and is currently used to special forces' operations.

Resistant to extreme temperatures and to corrosion, each kit custom built is available on request and customizable according to customers' specifications.

These products permit to master EM (electromagnetic) and IR (infrarouge) signature, and a remarkable visual' camouflage.

Finally, these camouflage screens also protect the personnel against RF radiations.

## GSSI - GROUPE SECURITE SERVICE INDUSTRIE



### ADDRESS

27 avenue de Paris  
 78000 VERSAILLES  
 +33 1 39 25 03 75

### CONTACT

Eric JOUBERT  
 Directeur  
 eric.joubert@gssi.fr  
 www.group-ssi.com

GROUP SSI was established in 1995 with a view to gaining leadership in government security through our partners' vast experience, seasoned practice and extensive market intelligence.

As a leading market player, GROUP SSI offers unrivalled experience and state-of-the-art technology in all aspects of surveillance, security, and defence.

Through our sustained R&D and investment policy, we have broadened our range of products to meet the operational needs of law enforcement and military professionals, while remaining at the cutting edge of technology.

For the last 15 years, our customers have relied on our experience to address growing needs and challenges.

GROUP SSI Intl is headquartered in Versailles, near Paris, France. We enjoy an extensive network of ISO 9001 and RAQ2-certified sister companies and contractors, through which we operate globally – export contracts account for 70% of our sales.

We are recognized internationally for our know-how and the quality of our products and services.

Our highly skilled teams of engineers and technical specialists provide product and system configuration services tailored to your specific needs in all aspects of electronics, optics, radio, signal processing or mechanics.

GROUP SSI provides the necessary operational maintenance for the equipment supplied. Our experts are standing by to advise you on the best products and applications or to meet your staff-training needs, whether in France or other countries.

Our new website showcases the many systems we provide. Please register to access the full online catalog.



## HAIX® France

### ADDRESS

13, rue Ettore Bugatti  
 67201 ECKBOLSHEIM  
 +33 6 89 67 57 48

### CONTACT

Mme Vip LUANG  
 Conseillère technique  
 v.luang@haix.de  
 www.haix.com

HAIX® is the world's leading manufacturer of functional footwear for fire services, law enforcement, rescue, and military task forces and has also increased its presence in the forestry and leisure/outdoor sector.

From Los Angeles, to Moscow, Hong Kong or Mexico City, wherever firefighters are on duty, they rely on footwear from HAIX®. The Company located in Bavaria employs over 900 people worldwide.

## HELILEO SA



### ADDRESS

553 rue Bernard Pallissy  
40990 SAINT PAUL LES DAX  
+33 5 58 97 67 00

### CONTACT

Bernard PANEFIEU  
CEO  
bernard.panefieu@helileo.com  
www.helileo.com

Centre of expertise on satellites radio navigation, HELILEO proposes a global offer to support the development of GNSS applications from their conception to their implementation, through its four following areas:

- Consulting, training,
- Trials and evaluation,
- Products et Services,
- R&D.

The company offers provision of a coherent set of test and evaluation equipments, adapting campaigns tests to the customers' needs:

- In laboratory, on road, and in flight taking advantage of a partnership with the DAX military school for helicopter army pilot and Helidax company,
- In simulation with GNSS simulator or in real environment,
- The team is at your disposal to prepare, adapt, perform, record and analyse the results.

The projects of HELILEO are oriented to the protection of the GNSS signal against aggression such as interference and jamming. For example the objective of the INTERLOC project, which is the localization of low power interferences, was to develop a very accurate product protected by a patent.

Currently HELILEO is working on the development of a low cost product that allows the characterization of the environment electromagnetic environment in the L-band.

On the other hand, HELILEO develops application solutions in the areas:

- agriculture: fruit, cereal crops, forest,...
- industrial surveillance applications,
- transport,
- and specific applications for the benefit of cities.

These solutions are based on dual-use technologies incorporated by HELILEO and adapted to the specific needs of our customers. The open architecture developed by HELILEO allows you to integrate a large number of sensors in the heart of the system and program the specific functions required by the needs of the applications.

The UAVs and Robotics (terrestrial or marine) activities represent the greatest opportunity for growth for HELILEO through:

- UAV test centre,
- Navigation equipment,
- Real-time monitoring systems.

## INPIXAL



### ADDRESS

80 avenue des buttes de Coesmes  
35700 RENNES  
+33 2 99 12 15 02

### CONTACT

Laurent FANGAIN  
Marketing Engineer  
contact@inpixal.com  
www.inpixal.com

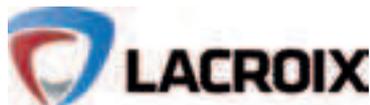
InPixal sells observation and detection equipments for land, air and sea applications. During the mission when shooting conditions are unfavourable, by night or in bad weather, or when camera is shaking, they are able to render a stable and sharp video. Image becomes directly interpretable to identify enemy forces.

- The PixBOX device, plugged behind a camera, rises the distance and quality of observation, by removing unexpected motion and atmospheric perturbances.

- The PixUAV UAV payload allows real time and efficient aerial video exploitation, thanks to stabilisation, adaptive quality enhancement, super-resolution, target tracking.

InPixal controls 100% of its product confection, from innovative algorithm creation up to electronic boards production.

InPixal is a member of GICAT and EDEN cluster, and 70% of the turn over is dedicated to defense.



## LACROIX

### ADDRESS

Route de Gaudiès  
09270 MAZERES  
+33 5 61 67 79 00

### CONTACT

Eric BARES  
Business Manager Land systems  
eric.bares@etienne-lacroix.com  
www.lacroix-defense.com

### ETIENNE LACROIX GROUP

#### Company

- Family Business
- Capital 100% French
- Annual turnover < 100M€
- Leader in pyrotechnic products and their systems of implementation.
- Group of 600 employees including 120 employed in R&D
- Production and R&D are 100% Located in France

#### Vocation

- Master industrial processes
- Offer unique, cutting-edge and competitive solutions.
- Build a brand image on the quality, safety and reliability of our products and services.
- Maintain vigilance over the impact of our activity on the environment and ensure the continuous satisfaction of our customers, personnel, business partners and shareholders.

#### Mean Fields of Activity

- Defence
- Civil Safety
- Pyrotechnic devices
- Logistics « Hazardous Materials »
- Plastics Processing

### ETIENNE LACROIX GROUP EXPERTISE

With a R&D department of over 120 engineers, Etienne Lacroix Group develops innovating pyrotechnical solutions for over 150 years.

#### Pyrotechnic Technology

- Reliable

- Compact
- Powerful
- Immediate
- Independent
- Green energy (Reach Free)

### CAPACITY FOR INNOVATION

Research & Development addresses first pyrotechnics, therefore control of physical and chemical reactions, but it also covers acquisition and control of complementary technologies including the concept of "System". These knowhow, competences and technologies supporting Research & Development are based on people, tools and experience. Analysis of the needs, research for new technological solutions, implementation of means of production: this dynamic innovation is part of an industrial approach. It is based on the 120 engineers and technicians who are working in close collaboration with the marketing services to develop innovating products. The common resources for the study are specialized in modeling the numerous physical phenomena encountered during the development of the products. The research studies are based on the Doctors of Engineering knowhow. Tooling is composed of simulation, measurement and production tools. Experimental results accumulated since the beginning of the '70s, give access to a large feedback of experience. Finally, to support its ISO 19001 and 14001 design, Lacroix has incorporated consideration for the environmental constraints.

## LOGIC INSTRUMENT



### ADDRESS

43 avenue de l'Europe, BP60012  
95331 DOMONT CEDEX  
+33 1 39 35 61 61

### CONTACT

Daniel SCHRÖDER  
MarCom Mgr.  
daniel.schroeder@logic-instrument.com  
www.logic-instrument.com

Logic Instrument is an ISO-9001 certified supplier of rugged mobile computers since 1987 headquartered in France, with main offices in Germany and the United States, focused on markets that need high levels of ruggedness and environmental protection. Logic Instrument excels in providing complete customer specific hardware solutions that are tailored to the application.

Military and Aerospace customers across the globe have employed Logic Instrument solutions throughout their organizations for more than 20 years. Logic Instrument's global organization works directly with its customers and also employs a broad technical competent partner network to address customer specific applications and support requi-

rements throughout Europe, the Middle East, the Far East and the USA. Logic Instrument products are designed, tested and manufactured to MILSPECs, IEC and NEMA standards. They could be easily adapted to customers' specific solutions. Systems are assembled and tested in accordance with our ISO-9001 certification.

#### Fieldbook series tablet PCs

Our Fieldbook series tablet PCs are all IP65 and MIL-STD810G certified, they resist drops up to 1.80 meter and are absolute sunlight readable. The Fieldbook tablets are available with 7" or 10" displays and operating Android or Windows. Find all our products under [www.logic-instrument.com](http://www.logic-instrument.com)



## MSA the safety company

### ADDRESS

ZI Sud, rue Pierre et Marie Curie  
01400 CHATILLONSURCHALARONNE  
+33 4 74 55 01 55

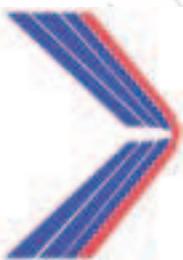
### CONTACT

Clarisse GRANDPIERRE  
clarisse.Grandpierre@MSAsafety.com  
www.MSAsafety.com

MSA GALLET is a french manufacturer of ballistic and anti-riot helmets.

Belonging to an international group, MSA is also supplying in France high sophisticated respiratory products and filter cartridges, communication systems for military applications, and detection products (gas, thermal imaging camera).

Supplier of the Armed Forces and Police Force in the world, MSA is your partner in your operational and business commitments.



## MUNITIQUE

### ADDRESS

893 rue Gabriel Debacq  
45770 SARAN  
+33 238 731 928

### CONTACT

Nicolas GEORGES  
Directeur adjoint  
info@munitique.fr  
www.munitique.fr

MUNITIQUE has activity mainly dedicated to the supply of weapons, ammunition and explosives to the French authorities. Munitique has a shooting range covered and enclosed 200 m long and 16 m wide in order to achieve its own quality controls and receive vehicles or weapons systems until caliber 20 mm under developments and control quality to the benefit of companies working for the defense or interior ministries.

Means measures, controls and tests, as well as a training room are available to customers. Ballistic activity on the technical site is essentially based on the study and optimization the couple weapon/ammunition with comparative terminal efficiency test and dynamic shots from vehicle.

The transport of ammunition and explosives is insured independently using transport units approved for dangerous substances of class 1 to optimize responsiveness, compliance and confidentiality of material delivered.

Munitique has, in addition to technical skills, a very good knowledge of the specific state management of these materials (IPE, NNO, CAG, FDSP, MU4...).

### The range of the proposed equipment is:

- A wide range of small caliber ammunition, (hand grenades and 40 mm), mortar shells ...
- The range SEMTEX explosives (bricks, detonating cord, linear shaped charges or special product...), firing lines type non-electric shock tube in full shots ready to use.
- Various armaments like range CZ (assault rifles, submachine guns, launchers 40 mm mortars commando...) and other specific weapons ...
- Pyrotechnic devices (divers and ground units)...

Munitique also sells micro tactical robot for intervention Recon Scout (Recons Robotics), allowing control and effective analysis of critical situations during military or police interventions. Polyvalent robots larger are also available in the context of the clearance system of law enforcement that can be configured according to the user missions.

## NAUTIRAID



### ADDRESS

Parc d'activités Pégase  
53480 VAIGES (France)  
+33 (0)2 43 90 20 26

### CONTACT

Eric FLAMBART  
ericflambart@nautiraid.com  
www.nautiraid.com - www.squale.fr

NAUTIRAID and SQUALE have been supplying armies and special forces since more than 70 years, and have always worked closely with operational personnel to answer their specific needs and constantly develop the range of products. The level of quality demanded by the armies has allowed NAUTIRAID and SQUALE, to acquire a recognised expertise, which we now put at your service for the production of more and more sophisticated equipment : Research for new materials, consideration of climatic and natural conditions, adaptability to special requests....

SQUALE diving suits and NAUTIRAID, folding and inflatable kayaks, watertight bags, inflatable rafts have been tested during numerous missions on land or in the aquatic and subquatic environment, and are well-known for their manufacturing quality, robustness and durability. NAUTIRAID and SQUALE products are entirely designed and manufactured at Vaiges, in the Mayenne region of France. They are patented, certified and meet all the standards imposed by the legislation.

New products:

### HP COMMANDO MK 3 Inflatable high pressure kayak

Designed for infiltration and intelgency missions, the Nautiraid HP Commando MK 3 kayak has been developed to meet the requirements of special forces needs.

Can be dropped or parachuted from an aircraft or helicopter to the sea or a river.

- Inflatable, light, low volume,
- High pressure inflation
- Manuel deflation valve for easy and quick folding or immersion.

### LIGHT SQUAD Watertight bag

Designed for all soldiers operating in extreme conditions, combat divers and special forces for subaquatic infiltration missions with 96 hours operational autonomy.

Total watertighness and high level protection of your sensitive equipment from water, humidity, sand. Ses caractéristiques offrent à ses utilisateurs une grande polyvalence.

## NUANCES TECHNOLOGIES



### ADDRESS

92, avenue de Wagram  
75017 PARIS  
+33 1 80 06 80 70

### CONTACT

Laure SIGALA  
Marketing manager  
info@nuances.fr - www.nuances.fr

Since 1991, Nuances Technologies has designed tailor-made solutions intended to control and secure wireless communications: simulation, detection, monitoring, jamming, blocking, interception and localization of RCIEDs and wireless communications between 10 KHz and 10 GHz.

We equip forces involved in conflicts, police units, prisons, telecommunications operators and numerous sensitive sites, in France and around the world.

With an expertise of more than twenty years in the field of communications protocols and radio frequencies, Nuances Technologies has developed the following capabilities:

#### Force protection

RCIED jamming, protocol, active and reactive jamming. Collection of information for tactical support.

Protection of soldiers, their combat vehicles, convoys, EOD teams, sensitive points and VIPs.

#### Law enforcement

Equipment of intervention units in France and abroad. Compact, light and mobile jammers.

#### Secure sensitive sites

Detection and/or jamming of cellular communications: governmental sites, prisons, control rooms...

Creation of secure wireless communication networks.

Scalable and fully programmable, our modular platforms follow the strictest electromagnetic compatibility and innocuousness criteria.

Our solutions can be integrated covertly in facilities, military and civil vehicles, manpack...

**New equipment:** state-of-the-art hybrid anti-RCIED & communications jammers, training simulators, wireless communications security systems, border communications control systems.

Nuances Technologies provides software development, user training and maintenance of the systems in use.

## ONERA



### ADDRESS

Chemin de la Hunière  
91761 PALAISEAU CEDEX  
+ 33 1 80 38 67 84

### CONTACT

Frédéric LAMY  
Responsable du développement  
des systèmes de défense  
frederic.lamy@onera.fr  
www.onera.fr

ONERA is the leading French player in Aerospace and Defense (ASD) R&T. A public establishment (EPIC) created in 1946 under the Ministry of Defense, ONERA has 2100 employees and 263 PhD students and postdocs. It is the only actor in France with the scientific skills needed to address complex issues specific to the ASD sector. With a range of test facilities that is unique in Europe, it puts its skills at the service of government agencies, institutions, large industries and SMEs.

Its unusual partnership research model, labeled Carnot, enabled it to achieve a business volume of €243 million in 2011, of which 51% were contracted activities. As a driver of innovation, expertise and foresight, ONERA has contributed to the greatest aerospace successes: Ariane5, Airbus and Eurocopter jetliners, the Rafale, the Falcon 7X, the Graves space watch radar, the Very Large Telescope, etc.



## OPTSYS

### ADDRESS

7 rue Salvador Dali BP 505  
42007 SAINT ETIENNE  
+33 4 77 91 32 39

### CONTACT

Sylvain FERNANDEZ  
Sales and marketing manager  
s.fernandez@optsys.fr  
www.optsys.fr

Optsys, a subsidiary of Nexter Group, is established in Saint-Etienne in the heart of the Pôle Optique et vision. Optsys is a renowned player in the field of protected vision that designs, manufactures, markets and maintains onboard opto-mechanical and optronics equipment for the land defense industry. Optsys boasts a team of engineers, technicians and qualified workers that combines reactivity, innovation and experience in the field, in order to propose solutions to its customers that are perfectly adapted to the problems of protected vision.

Workforce : 31 persons  
ISO9001, 14001 and AQAP2110 Certifications  
Productions : 3200 periscopes and vetronic systems per year

#### Latest innovations:

OPTSYS ViPer System (Local Situational Awareness Systems, LSAS): dedicated to onboard perimeter vision. The system is highly rugged, it has been designed and manufactured to operate under extreme operational conditions. It is composed of a tablet PC + Man Machine Interface (MMI) used by operational staff + rugged cameras. It can be integrated in any vehicles.

- Compatible with any kind of cameras (day, thermal...).
- Record from 8 cameras simultaneously and in real-time
- Possibility to see the record directly on the MMI
- Possibility to have 2 MMI simultaneously and independent from each other
- Easy integration
- Tailor-made solution

In 2012, Optsys has started the serial production of ViPer systems.

#### Products range:

Muzzle boresight: OPTSYS designs, manufactures and markets muzzle boresight in order to improve the accuracy for flat trajectory weapons systems.

- Caliber bars: between 7,5 mm and 155 mm
- Precision: 0,1 mil for M230 muzzle boresights/ 0,2 mil for L835 muzzle boresights.

Optsys offers checking service of muzzle boresights.

Armoured glass: Optsys designs and integrates transparent armoured glass. We offers a complete structure solution composed of the armoured glass, the frame and the seals for all types of vehicles. Optsys provides you with a STANAG 4569 ballistic protection level between I and IV and EN 1063 BR4 à BR7.



## ORDI-STOCK

### ADDRESS

1 rue Paul Doumer  
52150 SAINT-THIEBAULT  
+33 3 25 32 45 58

### CONTACT

Luc THIEBAUT  
Directeur  
ordi-stock@wanadoo.fr  
www.ordi-stock.fr

Ordi-stock is a trustful partner of the military, medical and industrial sector (national and local administrations, public security and defense).

Our company is specialized in intergrading computing solutions, tape recording and autonomous devices. Throughout our working fields, we always bring unique, exclusive, innovator and successful solutions which are designed for an optimal adaptation with your surroundings, so mobile as stationeries.

According to specifications, Ordi-stock engineer and design global, creative and innovative solutions, provides advice, training and assistance.

Samples of achievements

Portable handling crisis system

Medical case

Air-conditioned, digital processing station

Mobile power systems

## OUVRY S.A.S.



### ADDRESS

Z.A. Gorge de Loup  
24, avenue Joannès Masset, bâtiment 3  
69009 LYON - FRANCE  
+33 4 86 11 32 02

### CONTACT

Aurore DELMER  
Sales Manager  
delmer@ouvry.com  
www.ouvry.com

OUVRY is a Company, based in Lyon - France, which specialises in the study, research, development and manufacturing of CBRN (Chemical, Biological, Radiological & Nuclear) personal protective equipment (PPE) and related concepts.

Our engineering team is exceptionally well qualified and highly experienced in the fields of materials selection, CBRN threat spectrum, chemistry, textiles, and physiological factors. We are extremely conversant with the operational needs of our customers and all CBRN PPE Users generally. This deep knowledge based and hands-on background enables us to propose innovative and concrete solutions which benefit fully from the results of our extensive ongoing R&D activities. We develop our own protective systems design for military, law enforcement, civil defence and First Responder (fire-fighter, ambulance etc) customers. We guarantee not only the effectiveness of each system component but also whole system effectiveness.

We can provide the best solutions to any request, drawing upon our excellent response capability (high production capacities, industrial risks management, etc), all stemming from our industrial partnerships network and a unique licence for SARATOGA® filtering materials.

OUVRY controls the entire supply chain: feasibility, development, manufacturing, quality control, logistic and after-sales service.

### Our products:

- CBRN suits (combat and special Ops models)
- CBRN coverall POLYCOMBI,CE certified, for « Search Teams »
- CBRN undergarments, hoods, socks, gloves and undergloves for mobile teams
- CBRN gloves (combat model)
- CBRN overboots
- RSDL® decontamination lotion, Dépol
- Camouflage suits for infiltration teams (Guerilla model)

All our CBRN suits and coveralls are available in training versions.



## PETZL DISTRIBUTION

### ADDRESS

Cidex 105A – Zi de Crolles  
38920 CROLLES (France)  
+33 4 76 92 09 30

### CONTACT

Bruno LAMBERT  
Market manager  
professionnel@petzl.fr  
www.petzl.com

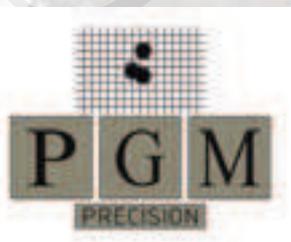
The 2013 Tactical Solutions brochure illustrates Petzl's commitment to designing tools that allow professionals to continually improve their progression in vertical or dark environments. Beyond the product itself, we respond to a precise need, solving work-specific problems with reliable solutions. In the area of tactical operations, Petzl focuses on testing and validation of our innovations in the field. Among the new products for 2013, the STRIX headlamp and the KANO tactical belt are perfect examples of Petzl's process. In your activities, being able to always count on the quality and performance of your equipment is essential.

#### New products 2013:

**STRIX IR:** The STRIX IR headlamp was specifically created to meet the requirements of the military during operations where stealth is key.

For each of the numerous ways the headlamp can be worn, the double rotation system allows great freedom for orienting the beam. STRIX IR headlamps have color lighting (red, green, blue), three white lighting levels, as well as three infrared lighting levels. It offers exceptional versatility and intuitive use with absolute reliability guaranteed.

**KANO:** The KANO tactical belt is designed for special forces. It can be used to carry tactical equipment and to secure the wearer. The belt has integrated leg loops for occasional rappels. During regular use, these leg loops are concealed inside the belt.



## PGM PRECISION

### ADDRESS

BP 29  
74330 POISY  
+33 4 50 46 37 27

### CONTACT

F. BRION  
CEO  
francois@pgmprecision.com  
www.pgmprecision.com

Specialized in development and manufacturing of high precision rifles for military and law enforcement, PGM PRECISION is the official supplier of the French Armed Forces, as well as many other French and foreign official services.

PGM PRECISION has completely designed and manufactured the following rifles:

- ULTIMA RATIO
- HECATE II
- PGM 338

We also manufacture tactical accessories for each PGM rifle.

Our privileged relationship with the best partners allows us to provide you a complete package deal.

## PHOTONIS



### ADDRESS

Avenue Roger Roncier  
19100 BRIVE  
+33 5 56 16 40 56

### CONTACT

Emmanuel NABET  
Chief Marketing Officer  
e.nabet@photonis.com  
www.photonis.com

PHOTONIS is a high-tech European organization and the world leader in providing Night Vision innovations that are setting the trend to many defense and security applications. PHOTONIS is worldwide praised by MOD's, government agencies and end-users for its superior quality Image Intensifier tubes that are widely deployed around the World.

PHOTONIS recently introduced one of the most revolutionary advancements in night vision in the XR5™ auto-gated filmless tube. The XR5™ offers Auto-Gating, which allows continuous operation in dynamic light conditions. XR5™ is one of the most recent image intensifiers in service in NATO.

In addition, the ONYX natural black and white Night Vision Image Intensifiers are proving to be a plus in terms of image contrast, detection and identifying. ONYX is the optional black & white (B&W) vision of PHOTONIS.

Although Image Intensifier (I<sup>2</sup>) tubes represent the unrivalled solution for low light level and night vision applications.

Digital Technologies applied to visible light increase the range of applications. Such as portable and remote applications, day/night surveillance, perimeter protection, border control, infrastructure surveillance, manned/unmanned platforms (UAVs), and vehicle protection.

In January this year, PHOTONIS launched its digital portfolio solutions. The PHOTONIS NOCTURN is a brand new digital extreme low-light CMOS camera, especially designed for high performance under both daylight and low-light level conditions. It perfectly fits applications where high-resolution detection and ultra-high sensitivity are required under 24/7 conditions. Its small size, weight and power (SWaP) make it ideal for integration into aerial, mobile and hand-held surveillance systems.

PHOTONIS is a high-tech multinational group, with over 40 years experience, sales and innovation, specializing in photo sensor technology. The Group operates internationally in the Night Vision, Industrial, Scientific and Medical Imaging markets.

## PRAGMA INDUSTRIES



### ADDRESS

Z.A. de Bassilour  
665 rue de Bassilour  
64210 BIDART (France)  
+33 5 59 51 27 55

### CONTACT

Laurence NICOLAS  
Sales & Marketing  
laurence.nicolas@pragma-industries.com  
www.pragma-industries.com

Pragma Industries is developing fuel cells and fuel cell systems since 2004. The company, located in the south west of France, is focused on bringing clean and efficient energy solutions to portable applications markets.

Based on its knowledge, Pragma has developed a whole range of didactic products to teach fuel cell science, hydrogen used as energy carrier, renewable energies and sustainable development.

## PROSIC-SAS



### ADDRESS

1 rue des augères  
77520 DONNEMARIE DONTILLY  
+33 1 60 58 49 80

### CONTACT

Florian  
Directeur  
sales@pro-sic.fr  
www.prosic-sas.com

PROSIC, internationally renowned French company, is based on 25 expertises years to develop and manufacture innovatives products that increasingly efficient. Combining its 5 departments (Defense, Homeland Security, Telecommunication, Energy, Network & Computer Security) PROSIC now offers a wide range of products adapted to the most difficult situations. With entities and employees spread across the globe, PROSIC offers a range of solutions, services and high technology (electronics innovative, rugged and secure integration of aeronautical navigation systems, radio amplified, ..) to meet needs expressed by clients in sensitive areas with the requirement of perfection.

PROSIC is the official dealer of such brands as ULTRALIFE, SELEX, HARRIS, FLIGHTCELL, GLOBAL SOLAR ENERGY, AOR, Xenonics, ROLATUBE...

On its stand in front first PROSIC present the prototype of the antenna rolamast, as well as the latest developments in the field of services and solutions for operational actions.

## RALF TECH



### ADDRESS

58 avenue de Wagram  
75017 PARIS  
+33 7 60 58 22 12

### CONTACT

Frank HUYGHE  
President  
f.huyghe@ralftech.com  
www.ralftech.com

Completely dedicated to the manufacture of equipment for Professional scuba diving since 1998. The 5<sup>th</sup> of July 2005, RALF TECH has broken the diving world record with an immersion lasting 10 hours at minus 330 metres. On that day, the diver was wearing the very first RALF TECH Watch, the WR1.

The record remains inviolate in such conditions and, to this day, no other Watch has been as deep on the arm of an unassisted diver.

In 2008, RALF TECH completely devoted its efforts to creating timepieces with a strong DNA and an ambitious plan : design, develop and manufacture watches of characters, both accurate, reliable and robust.

RALF TECH is a human-sized company run by devotees of fine watchmaking. Our mission is to create technically accomplished watches without marketin's dikta and also without sense of belonging to a school of thought or a story already written.

One of the special features of RALF TECH products is to declare the real and tested values of water pressure that our timepieces can endure ; the majority of Watch brands declare only theoretical and untested values. The quality standard ISO 6425 for Dive Watches is not only met but exceeded by RALF TECH with complete and exclusive control of the testing process.

The French Navy Commando Hubert operators, the GIGN Task Force operators, the General Staff of the COS (Special Operations Command Unit), all at the side of our watchmakers, participate in the development of our watches and their constant improvement. RALF TECH experience make Law.

Authenticity, innovation, experience and independence... Our values are our strength.

**RDS INDUSTRIE**  
Parce que nous ne tirons pas pour faire du bruit.



## RDS INDUSTRIE

### ADDRESS

BP40418  
22194 PLERIN CEDEX - FRANCE  
+33 2 96 72 76 55

### CONTACT

Monsieur H. KAIGRE  
Gérant  
rdsindustrie@gmail.com  
www.rdsindustrie.com

RDS Industrie is the French **conception and manufacturing leader of sound suppressors and suppressor-optimized weapon systems**, for both military and sporting applications.

Our product line covers every type of small-bore firearms, from hunting rifles to machine guns, including pistols.

RDS Industrie is in line with a fundamental approach of user safety against auditive and blast injuries related to sustained use of firearms, while delivering the best possible level of operational and tactical advantages sound suppressors may provide use in a professional context.

## RF TRONIC INGENIERIE



### ADDRESS

Aéroport de Rochefort  
La Sauzaie  
17620 SAINT AGNANT  
+33 5 46 82 24 05

### CONTACT

Eric MATYSIAK  
Directeur  
eric.matysiak@rftronic.com  
www.rftronic.com

RF TRONIC INGENIERIE (SEGUR group) is specialized into development, manufacture and integration of embedded communication systems for civil and military applications. The research department fits and customizes its systems to the specific customer's equipments.

Since 10 years, RF TRONIC INGENIERIE develops solutions for real-time high-speed transmission (bands L, S, C, X Ka, Ku) for air, sea and land platforms.

Thanks to its experience into development of specific products, RF TRONIC INGENIERIE developed a range of standard products to meet the equipments of its customers or integrators seeking a COTS solution.

These products provide a fast and efficient solution while ensuring adaptability to the operational equipment of users.

Since 2008, RF TRONIC INGENIERIE develops equipments dedicated to Information Security Research (ISR).

Thus, RF TRONIC INGENIERIE designs embedded transmission equipments, integrates them onboard aircraft chosen by customer and, if necessary, provides EASA certification.

RF TRONIC INGENIERIE is present throughout the life cycle of products ensuring to its customers their availability and maximum performance (OLS, Maintenance).

As part of its program «SAIP» (Small Airborne Isr Platform), RF TRONIC INGENIERIE surrounds itself with partners whose skills and expertise are recognized :

**PY INNOVATION:** Tool Decision Support (EMA / CCPO) UAV simulator, mission preparation.

**FLY AIR SYSTEM:** Structure modification ULM, equipment integration, test flights, pilot training

**PROTOPLANE:** Analysis structural modification of aircraft, EASA Certification.

**BCA (Business and Commuter Aircraft):** aircraft maintenance and modification.

## Ets ROSTAING



### ADDRESS

17 avenue Charles de Gaulle  
01800 VILLIEU  
+33 6 21 63 54 26

### CONTACT

Thierry FAVROT  
Trade & marketing manager  
tfavrot@rostaing.fr  
www.rostaing.com

Gloves manufacturer, ROSTAING is the leader of the technical gloves of intervention.

Armie's supplier, special unities, enforcement or administrations ROSTAING is a special partner of your operational comitment on the ground.

Rostaing controls the prototypes conception within its department r&d until the production on its industrial sites. This process fit into a quality and innovation spirit in order to answer to the daily consumers expectations.

Rostaing shows during its « SOFINS DAYS» its new range ROSTAING « tactical.

## SCOPEX

### ADDRESS

6 rue Jean Baptiste Huet  
78350 JOUY EN JOSAS  
+33 1 71 42 70 40

### CONTACT

Frederic HEMARD  
Gérant  
frederic.hemard@scopex.fr  
www.scopex.fr

Our company has been created in 1997 and supplies equipment to protect operators in dangerous and hostile environments.

SCOPEX carries in France ranges that are well known and world wide cutting edge in each one of their domain : Allen-Vanguard, Vidisco, Golden Engineering, ANT, MREL, SOURCE VAGABOND, SNigelDesign, etc...

The products that we offer cover the following :

- EOD/IED and mine clearance protective ensembles
- UAV's
- individual cooling systems
- Tactical gear and tactical access equipment
- ECM and specific electronics
- Perimeter and physical protection equipment



## SEM NUMERICA

### ADDRESS

Cours Leprince-Ringuet BP 21126  
25201 MONTBELIARD CEDEX  
+ 33 3 81 31 26 80

### CONTACT

Marc COLAS DES FRANCS  
Ingénieur projet TIC innovant  
marc.colasdesfrancs@sem-numerica.fr  
www.sem-numerica.fr

NUMERICA is the ICT cluster of the Franche-Comté region in eastern France.

NUMERICA's aim is to boost/promote the digital economy and employment through innovation, training and partnerships. NUMERICA cluster benefits from the collaboration of major local industrial companies, research laboratories and universities (UTBM and UFC).

Numerica's partners have developed extensive expertise on the following ICT fields:

- Ergonomics and human-machine interactions
- Geographical information system (GIS)
- RF networks and mobile systems
- 3 D simulation and prototyping
- E-health
- Air Land Integration (ALI)

Solutions and technologies to be presented:

- Demonstration of aiming and integration in a mobile environment of tactical informations contextualization.
- Presentation of research activities with the objective of knowledge, methods and tools development allowing a man-centered product and process design.
- Solutions for special operations forces : DELTA SUITE software – DART targeting system
- 3D maps socles, 3D models, 3D data advanced functionalities
- Remote Assistance and expertise, telemedicine solutions to support different medical specialities, mainly wounds care and strokes management
- Quasi-instant optimization and planning for Mobile Radio Network and for all protocol : UMTS, HSDPA, WiFi, OFDMA, WiMax, LTE, etc. multisystems
- RFID software for agro-food, luxury and medical products

## SIEPEL



### ADDRESS

Parc d'activités de Kermarquer,  
Impasse de la Manille  
56470 LA TRINITE SUR MER  
+33 (0)2 97 55 74 95

### CONTACT

Stéphane TANGUY  
Responsable commercial France  
& Afrique du Nord  
s.tanguy@siepel.com - www.siepel.com

For nearly 30 years, SIEPEL has been a French expert in Faraday cages and shielding dedicated to security of information systems and communications (Tempest).

#### Siepel offers the following materials and services:

- Faraday cages (modular, welded steel, or soldered copper). These facilities provide highly reliable protection required against eavesdropping, interception and cryptanalysis of compromising signals. They are removable and transferable without loss of performance and can adapt to any type of building.
- Faraday cages with acoustic insulation (electromagnetic and acoustic protection).
- Shielded tents for Tempest applications.
- Shielded pouches for protection of seized and sealed computer equipment

- Maintenance / Support for all types of installations, all manufacturers,
- Shielding effectiveness measurements,

Independent company, SIEPEL designs and manufactures in France materials of high quality and reliability. Its unique site of 10,000 m<sup>2</sup> brings together technical expertise: Research & Development, engineering, production, installation, testing means. We also provide turnkey systems that include instrumentation.

#### References:

Governments from France, Belgium, Luxemburg, Algeria, Azerbaijan, Turkmenistan ; European Commission ; Private companies in Poland, Singapore, France, ...

More information on [www.siepel.com](http://www.siepel.com) or from Stéphane Tanguy [s.tanguy@siepel.com](mailto:s.tanguy@siepel.com)

## STERELA



### ADDRESS

5 impasse Pedenau  
31860 PINS-JUSTARET  
+33 (0)5 62 11 78 78

### CONTACT

F. CHAPPE  
Responsable commercial  
frederic.chappe@sterela.fr  
www.sterela.fr

**STERELA** is the French leader for the design, manufacture and maintenance of shooting range equipments.

**STERELA** offers a complete range of fixed and mobile target systems for infantry and anti-tank shooter training and rating.

**STERELA** is also present in the security domain for surveillance, and protection of sensitive sites (military bases, nuclear stations, airports, industrial installations...).

**STERELA**, through its subsidiary **SURVISION** is also a leader in the field of vehicle tracking on large territories.

Thanks to its R&D department of 40 engineers and technicians, **STERELA** provides its customers with solutions perfectly adapted to the needs, and develops electronic systems for acquisition, processing and transmission of data, with low power consumption, for harsh environments.



## STERNE

### ADDRESS

6 rue Maurice de la Sizeranne  
75007 PARIS  
+33 1 56 58 35 00

### CONTACT

Michel TEXIER  
President  
email@sterne.fr  
www.sterne.fr

### AREAS:

- Encrypted digital radio system ASTRO SYRANOS Design, integration, sales and maintenance
- System RES.CO / PLS since 1998 - HOOK2 since 2005 Design, integration, sales, training and maintenance
- Satellite communications system: AWACS, E3F
- Civil radio communication system analog and digital MOTOROLA
- Miniaturized wireless communication systems and intelligent hearing protection
- Audio systems standard and special design
- Audio systems with hearing protection
- Surveillance radar systems
- Future JTRS radio system multiprotocol / multiband

### MAIN PRODUCTS:

- STERNE System SYRANOS
- MOTOROLA ASTRO Portable and mobile, base, Relay, transportable Relay, Encryption charger, etc.

- GENERAL DYNAMICS HOOK2 Beacon AN/PRC-112G, Interrogator QUICKDRAW 2 Transceiver URC-200 V / UHF, AM / FM 30 to 420 MHz AN/PRC-154 JTRS radios, AN/PRC-155, HMS - 2MHz to 2GHz
- ATLANTIC SIGNAL NEW EAGLE, GLADIATOR, DOMINATOR audio helmets DOMINATOR interface box compatible with many leading equipment and radios PRC-148, PRC-152, PRC-117G, SYRANOS, PR4G
- PHONAK PROFILO miniaturized audio systems, PHONITO, PRIMERO, SERENITY, CONDOR
- MOTOROLA/INVISIO/SHELL/PELTOR/TEMCO/OTTO Specialized audio systems
- FLIR Monitoring infrared light intensification and Radar

### APPLICATIONS:

- Special Forces
- Intervention forces
- Government security
- Public safety



## SUNROCK

### ADDRESS

10 avenue Réaumur  
92140 CLAMART  
+33 1 83 62 12 46

### CONTACT

Damien DRUON / Véronique POQUET  
Gérant / Directrice commerciale  
info@sunrock.fr  
www.sunrock.fr

Sunrock, NATO referenced supplier (NCAGE: FAW48), is a manufacturer, designer and distributor of high-tech products.

Specializing in tactical, optical and optronic equipment, Sunrock won many tenders in France and Europe with its unique range of products, owing to its expertise and professionalism.

In 2012, Sunrock has launched the version 3 of its flagship Crew served weapon light «Night Reaper» made in France and is now in charge of the entire process of design, manufacturing and distribution.

The «Night-Reaper» is specially designed for flexible use. Designed to be mounted on a weapon or a vehicle, powered directly by the vehicle (over a range of 10 to 30 volts), it provides a quick connect and disconnect for handheld application at will, on the fly.

With or without IR filter, with or without remote control and external power supply cable, compatible with external batteries military type 5590 or equivalent Lithium sulfide, the Night-Reaper mounts on weapons or vehicles thanks to the interfaces already developed and distributed by Sunrock.

However, Sunrock can also design, develop and manufacture customised interfaces for specific vehicle or weapon.

The Night Reaper has already been qualified on AMX10RC, VBL, the MK19 grenade launcher, the 12.7 machine gun and the M134 machine gun.

Its manufacturing quality, its ruggedness, its distance illumination, its wide beam, its IR filter instant and its modularity make it a unique and leading and unmatched searchlight in the industry.

Sunrock also invites you to discover its stand on the whole range of innovative products in the field of radar, optics, optronics and robotics.

You can find all information about our products on our dedicated websites: [www.nightreaper.fr](http://www.nightreaper.fr), [www.sunrock.fr](http://www.sunrock.fr). You can also contact us by email: [info@sunrock.fr](mailto:info@sunrock.fr) or by phone: +33 1 83 62 12 46 for further information.

## SURVEY COPTER



### ADDRESS

405 chemin de Bisolet  
26700 PIERRELATTE  
+33(0) 475 000 996

### CONTACT

M. MASENELLI  
Directeur Général  
[contact@survey-copter.com](mailto:contact@survey-copter.com)  
[www.survey-copter.com](http://www.survey-copter.com)

SURVEY Copter is specialised in the design and manufacturing of turn key remote systems working in critical and severe environments/conditions (sea, air or over ground). These systems involve Unmanned Aerial Vehicles (UAV), robots, tanks, complex turret systems as well as data transmission and target tracking devices. The turrets can be integrated on all UAV system or on manned aircraft for aerial photography applications.

With the Swiss subsidiary weControl SA, SURVEY Copter controls the complete technological chain of UAS. SURVEY Copter produces fixed-wing UAVs, e.g. the DVF2000 airplane, the CARD CH airplane and the TRACKER airplane for the military DRAC program of DGA and EADS, and rotary-wing with heat engines UAS like the, Copter4B and electrical engines like the Copter City, Copter 4 City.

SURVEY Copter offers also an ideal tool for training and mission preparation: the simulation system weSim.

## SYSNAV



### ADDRESS

57 rue de Montigny  
27200 VERNON  
+33 2 78 77 03 46

### CONTACT

Xavier MICHÉ  
Homeland security product line manager  
xavier.miche@sysnav.fr  
www.sysnav.fr

SYSNAV delivers navigation and positioning solutions to customers worldwide. Through research and development of vanguard technology concepts, we address highly innovative markets for Military, Security and Intelligence Services, Health, and the General Public.

Lead by former experts from the French Ministry of Defense, SYSNAV's research team gathers expert PhDs and engineers who have developed and patented a breakthrough technology: the magneto-inertial navigation. Primarily developed for military applications, it has been adapted to security and intelligence needs with the help and support of the French Ministry of the Interior.

Based in Vernon (Paris Area), France, SYSNAV designs and offers top-of-the-line products and services dedicated to law enforcement teams and intelligence services. SYSNAV exhibits at SOFINS 2013 to present JINS.

JINS is an advanced tracking system for land vehicles. Its independence of any infrastructure naturally prevents it from jamming issues. Operating an exclusive, patented and undetectable technology, JINS autonomously records trajectories up to 3 months (100 positions per second).

Key features of the JINS tracking system

- insensitive to jamming: no radio reception
- undetectable: no radio emission
- fine granularity of tracking: 100 positions per second
- up to 3 month autonomy

## TECKNISOLAR SENI

### TECKNISOLAR SENI

### ADDRESS

4 quai du Val – BP 51  
35403 SAINT MALO  
+33 2 99 82 32 33

### CONTACT

Monsieur BARGUIRDJIAN  
Gérant  
tecknisolar@wanadoo.fr  
www.tecknisolar.com

TECKNISOLAR SENI and its research laboratory, based in St Malo, was founded in 1992 by Pascal BARGUIRDJIAN. Specializing in electronics, computer science, organic resins and renewable energies, TECKNISOLAR SENI has developed innovative systems for its 4 departments: road safety, maritime, automotive and military.

The research department conducts applied researches with patents and has developed: solar electric power UAV for surveillance and reconnaissance, electronic solutions to protect sensitive areas by inertial sensors,

solar high power performance, frequency absorbers by organic resins, autonomous and portable radar detecting maritime or terrestrial infiltration, several thermal cameras, back pack solar for water producing, transmitter/receiver low consumption and long range.

# TENCATE ADVANCED ARMOUR

**TENCATE** ADVANCED ARMOUR

## ADDRESS

50 route du Louvier  
38270 PRIMARETTE  
+33 4 7479 5050

## CONTACT

Cyril VEILLAT  
Business Manager  
c.veillat@Tencate.com  
www.tencate.com

TenCate Advanced Armour is a global provider of lightweight ballistic protection solutions for personal protection applications as well as for a wide range of vehicles, naval vessels, aircraft, and helicopters. TenCate Advanced Armour also designs and manufacture armour solutions for civil security and policing applications in which light weight protection is required.

TenCate Multi-light™ is the product line of durable ballistic inserts. TenCate Multi-light™ features a full range of inserts designed for personnel protection against both lead core and armour-piercing ammunition, in accordance with international standards. Our engineers can engineer the inserts to fit particular requirements regarding protection, shape, weight and cost.

TenCate Multi-light™ includes both ceramic and fibre inserts featuring lightweight composite upgrades that cover a broad spectrum of operating requirements. They are designed and developed to increase the degree of protection available from bulletproof and fragmentation vests.

TenCate Targa-light™ is the range of anti-ballistic shields designed to provide personnel with the best possible protection against a range of different ammunitions. TenCate Targa-light™ is certified in accordance with international standards as well as specific customer requirements. They can be equipped with a full range of optional equipment, including ballistic glass, foldable legs, lights, upgraded protection, wheeled chassis, transport bag and a carrying system. This carrying system allows the weight of the shield to be carried on both shoulders, and can be removed in seconds by the user alone.

TenCate Advanced Armour strives to provide both lightweight and flexible solutions without compromising on quality or performance. To the end user, we know that this is important.

Based on a substantial experience in both material science and practical applications of armour solutions, TenCate Advanced Armour is a market leading specialist in the complete process of designing, certification, manufacturing and quality testing of ballistic protection solutions in accordance with strict regulations and industry standards.

# TITAN AVIATION



## ADDRESS

472 rue Paul Claudel  
69400 VILLEFRANCHE SUR SAÔNE  
+33 4 74 02 72 40

## CONTACT

David TENZA  
Responsable commercial  
welcome@titan-aviation.com  
www.titan-aviation.com

For over 60 years, **Titan Aviation** is the international specialist of airport refuelling equipment with more than 6,000 systems designed and manufactured for customers located worldwide. The company designs systems in order to allow aircraft (A400M, fighters), helicopters and tactical military vehicles to refuel safely.

The company employs about eighty people in France and makes 80% of its business abroad. It has two factories in France and also a joint venture with a partner in India.

**Titan Aviation** has developed a fine expertise of its business, which earned it the trust of major oil companies and several armies. Each client has its own specifications and specific procedures, equipment offered are tailor-made and adapted to local standards and international regulations.

**The range of equipment and services is very broad:**

- Tactical Aircraft refueller
- Hydrant dispensers
- Fuelling modules
- Fixed and mobile fuel farms
- Hydrant pit cleaners
- Hydrant carts
- On site commissioning
- Training
- Maintenance and preventive maintenance
- Expertise and technical support
- Spare parts
- Computerized management of fueling operations

For some years now, the company as developed through its sister company **Lubritem** a know-how on all the special purpose vehicles: ANFO trucks, lube trucks, service trucks and mobile workshops, fuel filtering stations, water tankers, fire fighting trucks, ...



## TR EQUIPEMENT

### ADDRESS

1 route de la Confluence  
Parc d'activités de Beuzon  
49000 ECOUFLANT  
+33 2 41 31 16 31

### CONTACT

Christophe SIMONNEAU  
Responsable communication  
christophe.tre@orange.fr  
www.tr-equipement.com

TR Equipement has know since it exists to grant itself a team of passionated specialists, listening to customer's will at every instant, working in close partnership at the heart of special forces units to evaluate accurately their exact needs and the evolution of the products. TR Equipement has brought perfectly adapted equipments to missions, added a technical support, assistance and performant after sales by:

- an every instant availability.
- technical and perfectly fitting the need answers.

TR Equipement has built a 1500 square meters professional premises with an internal shooting range, unique in France for this domain of activity.

TR Equipement works in France and in foreign countries, particularly in Africa, Middle-East and India.



## ULIS

### ADDRESS

ZI Les Iles Cordées BP27  
38113 Veurey-Voroize  
+33 4 76 53 74 70

### CONTACT

Célia Chapuis  
Communication  
ulis@ulis-ir.com  
www.ulis-ir.com

### Thermal Vision Specialist ULIS

ULIS' thermal imaging technology brings distinct advantages such as low weight, low power consumption and high image resolution to military gear, including handheld goggles, thermal weapon sights, and thermal cameras used in ground vehicle situation awareness. The company currently supplies its uncooled infrared imaging sensors to the French army's FELIN program and Infantry Fighting Vehicles (IFV), in particular the Nexter that has been deployed in Afghanistan.

ULIS' thermal imaging sensors rely on amorphous silicon microbolometer technology to convert infrared (IR) radiation into visible images. This enables targets to be identified during the day and night, as well as in bad weather conditions, over distances of several kilometers, depending on the optics in the thermal camera.

A subsidiary of Sofradir and GE Equity, ULIS specializes in the design and manufacture of high quality IR imaging sensors for both commercial and military applications. It ranks among the top three in the world for uncooled IR imaging sensors delivered, and the only company out of the top three to use amorphous silicon microbolometer technology to make IR imaging sensors.

The high spatial uniformity of ULIS' microbolometer technology, a key parameter for high-resolution imaging, makes its IR imaging sensors particularly effective for military applications, allowing soldiers to locate and identify targets faster and more accurately during the day and night, and through fog and smoke.

ULIS is located in Veurey-Voroize, near Grenoble, and employs 140 people.

For more information, visit: <http://www.ulis-ir.com>



## UTEXBEL - USMC

### ADDRESS

30 avenue Cesar Snoeck  
51 rue de la vanne  
B 9600 - F 92120 RENAIX (Belgique)  
MONTROUGE (France)  
+32 55 23 12 11 / +33 1 49 65 68 20

### CONTACT

Mr. Patrick MERCHERS/  
Mr. Raphael DESTOMBES  
Product Manager /  
Directeur technique et commercial  
info@utexbel.be  
www.utexbel.com / www.usmcpro.com

Founded in 1929 as a family business, **Utexbel** (Usines textiles reunites Belges) still stands for the same strong values of Passion, Progress and Process! Vertically integrated, from spinning to finishing, Utexbel's 900 staff produce top end products in the field of workwear, protective wear and technical applications.

Currently, Utexbel is the main fabric supplier to the French and German army for combat and station wear, camouflage printed and plain dyed.

Respect for the environment and social conditions of the labour force are part of our sustainable development programme.

Utexbel holds (a.o.) ISO9001, Okotex100, FLO cert (Max Havelaar), GOTS (Global organic textile standard), ENECO green power.

Centralized production units help limit our carbon footprint.

## UWC Global Security Solutions



### ADDRESS

3, avenue maximilien de Robespierre  
56100 LORIENT  
+33 2 97 83 29 26 / +33 6 30 97 71 97

### CONTACT

M. Martial FESTOC  
Gérant - CEO  
mfestoc@uwc-securite.com  
www.uwc-securite.com

UWC Global Security has a unique offer based on our operationally proven solutions integrating the most advanced technologies.

UWC Global Security is managed by a former French Navy special warfare operator leading a team of electronic, mechanic and telecommunication engineers' coming from the R&D and business executives also having special operations background.

UWC Global Security main objective is to offer Special Forces and intelligence service units a dedicated offer answering their highly demanding requirements.

So UWC Global Security, by the synergy of its knowhow and operational experiences, is able to precisely understand its customers' specific and demanding needs.

UWC Global Security design or offer exclusive equipments for the following applications:

- Intelligence
- Anti-piracy
- Sensitive sites security
- Expatriates and isolated workers security
- GSM, GPS, Satellite tracking devices
- Remote video expertise and support (logistic, medical, intelligence)
- Riots control (powerful acoustic devices)
- Soldiers information system (enhanced reality, gunfire locator)

UWC Global Security also offers dedicated services as your own designed equipments following your requirement, close to users MRO and technical support, trainings.

UWC Global Security is a French actor close to your expectations, reactive and proactive in order to serve demanding customers.

Since its creation, UWC Global Security has the NATO Cage Number as authorized defense equipments dealer and distributor.

### **Already available equipments are:**

- Acoustical detection device iSCOUT Omnisense
- Hidden tracking devices HIDENTEC
- Riots control shield HYPERSHIELD
- Powerful portable speaker HS MICRO and remote sites use HPFP-HS18
- Gunfire locator RMGL (tested by the French directorate for armaments DGA for an infantrymen equipment program)

### **Soon available and ordered equipments are:**

- Non lethal lasers MEDUSA, SEALASE 2 and HYDRA PISTOL
- Tactical Video Module (video monitoring device for remote surveillance system iSCOUT Omnisense)
- Tactical Head Camera (helmet mounted video device, or firearm mounted, able to transmit live video on long distances even inside premises)
- Remote video live expertise and support for intelligence, medical or logistical applications
- Mini surveillance UAV with an enhanced reality interface (in partnership with the South Brittany University - Lorient R&D laboratory)
- Foldable mini UAV for backpack transport

# Visio&co

Sécurité & Surveillance



## VISIO&CO

### ADDRESS

25 rue Marcel Issartier - BP20005  
33702 MERIGNAC CEDEX  
06 10 25 41 02

### CONTACT

Philippe DERIEN  
Président  
contact@visioandco.com  
www.visioandco.com

Visio&Co is a Company specialized within Security of high sensitive Site. Our core activities are dedicated to Thermal Cameras based on FLIR SYSTEMS products (for which Visio & Co has been selected as a distributor). Visio & Co has several axis of Business Development today in process such as Thermal Products « State of the Art » on many Client requests (Drones, Lost Sensors). Visio & Co activities are also dedicated to Ground Vehicles able to fulfil a several cases of specific missions as Mine detection, Recce, where more than 49 sensors could be integrated within such Automatic Ground Vehicles (towards Chemical, Radiation, pollution of the environment.). Another axis that Vision & Co are developing, (on request) is the Thermal Camera integrated and linked to a Ground Radar, which is giving a better information about restricted zone and area. We stand ready at your disposal and we are looking forward to analyse with you any requests you may have.

### ATLANTIC INNOVATION ELECTRONIC SOLUTIONS

Atlantic Innovation Electronic Solutions is an electronic Research and Development company founded in 2010 by several experienced Engineers and PhDs. It has been incorporated in France near Bordeaux, at the heart of aeronautics and space's business area.

Committed to innovation, AIES offers Research & Development services from concept to TRL 5 prototype. This includes:

- Concept
- Specifications
- Research and System level study
- Integrated Circuit (IC) design in advanced CMOS technologies
- PCB design
- Prototype testing

Such services rely on in-depth technical skills:

- Wireless communication systems:
  - Radiofrequency (up to 170GHz),
  - Telecommunications,
  - Radar
  - Electronic Warfare
- Power management:
  - Ultra Low Power
  - Wireless Sensor Networks (WSN)
  - Energy scavenging

**CONTACT :** Nicolas REGIMBAL - Président  
06 84 23 71 44 - nicolas.regimbal@atlantic-innovation.com  
www.atlantic-innovation.com

## WILCO INTERNATIONAL



### ADDRESS

25 allée de Berlin  
ZA Jean Monnet Nord  
83500 LA SEYNE SUR MER - FRANCE  
+ 33 (0)4 94 10 94 10

### CONTACT

Jean-Marc WILHELM  
Managing Director  
info@wilco-international.com  
www.wilco-international.com

### Main activities

We study, design, manufacture & sell night vision equipments based on light intensifying technologies & affordable thermal Imaging as well as near infrared surveillance devices.

We design mechanical/electronic interfaces to integrate all kind of Aviator NVGs (F4949/M949/F095/NL93/CN2H/OB70/etc) on all kind of flight helmets (Gentex/ HISL, Eln/ MSA Gallet/etc).

We design/integrate NVG compatible lip lights on all kind of microphone booms (flexible, rail, rail/flexible, etc).

### Skills /products

Optics/electro-optics/photonic/photometry/radiometry/ CAO/prototyping/maintenance & calibration of test set.

Binoculars & riflescopes with light intensification technology/thermal imagers/target pointer illuminators/infrared spotlights/image-stabilized binoculars/laser rangefinders

Flight helmets: NVG interfaces/NVG compatible lip lights.

### References

French Army/French Air Force/DGA/French Special Forces/ French Customs/French Navy/French Merchant Marine/ harbour patrols/ship-owners/search&rescue units for night operations



# WL GORE & ASSOCIÉS SARL

**ADDRESS**

Bercy International  
 20 place des vins de France  
 75603 PARIS CEDEX 12  
 01 56 95 65 65

**CONTACT**

V. LECLAIRE  
 Chef de projet  
 vleclair@wlgore.com  
 www.gore.com

W. L. Gore & Associates created in 1958 is a uniquely creative, technology-driven enterprise focused on discovery and product innovation.

By using proprietary technologies with the versatile polymer polytetrafluoroethylene (PTFE), Gore has created numerous products for electronic signal transmission; fabric laminates; medical implants; as well as membrane, filtration, sealant, and fibers technologies for diverse industries.

With these 10 000 associates Gore has a turn over of 3 billions \$.

Gore has been a pioneer in the development of high-performance textiles. The company began its work in this area in the 1970s with its discovery that outerwear could be both waterproof and breathable at the same time in garments, shoes and gloves.

The knowledge of innovative engineers, and product experts who are committed to understanding the evolving functional needs of the warfighter in harsh and demanding environments around the world. With enhanced capabilities to engineer fast-drying, extremely packable, and lighter weight garment systems, GORE® Military Fabrics will strive so warfighters focus more on their mission and less on the weather.

We will continue to support improving mission effectiveness by engineering a broad range of protective fabric technologies that offer distinct capabilities, such as advanced weather protection, flame resistance, signature reduction and comfort.

# ZHENDRE



**ADDRESS**

122 av des Pyrénées - CS 20023  
 33882 VILLENAVE D'ORNON CEDEX  
 05 56 87 71 35

**CONTACT**

Laurent CABRIT  
 Chargé d'Affaires Défense France  
 lcabrit@zhendre.com  
 www.zhendre.com

**REFRIGERATION & AIR CONDITIONING in EXTREME CONDITIONS**

ZHENDRE refrigerating equipment are the fruit of nearly 50 years' experience in Industrial refrigeration.

ZHENDRE is the recognized refrigeration specialists for tropical or desert climates.

We design and manufacture namely Refrigerated Containers of all capacities autonomous and transportable on truck and trailer, Containerized systems, Cold rooms and refrigerating units, Tents Air-conditioners, Shelters Air-conditioners.

ZHENDRE products are designed to assure optimal performances under the hottest climates and presents features such as robustness, sturdiness and easy maintenance.

As a company continuously striving to guarantee the best level of quality for our products and services whilst limiting the impact of our activity on the environment, ZHENDRE has introduced a Quality Management System, which is certified ISO 9001 v2008 and an "Environment Management System" which is certified ISO 14001 v2004 by the certification board AFNOR.