DEFENSE & SECURITY

PROJECTION & PROTECTION

CNIM
Innovate and Act

LANDING CRAFTS

BRIDGING SYSTEMS

CNIM meets the needs of Amphibious Forces
worldwide with its innovative fast landing crafts
for both military and civilian assistance operations.

CNIM provides bridging & gap-crossing capabilities
to Land Forces worldwide for military and disaster relief applications.

L-CAT® Ship-to-shore
High Speed Naval Connector

The L-CAT® Ship-to-shore is a force multiplier for large LPDs and LHDs. Deployed from any US type well-deck, it enables over the horizon amphibious operations with short loading & unloading rotation time. The L-CAT® Ship-to-shore has excellent landing capabilities on any coastal infrastructures (quay, slipway and beach).

The L-CAT® is a full Ro-Ro vessel with a variable draft system. It is able to transport 40 equipped soldiers and up to 100 tons of equipment and supplies, at 500 nm and a top speed of 30 knots. Depending on clients' requirements, CNIM can integrate various weapons & mission systems.

The L-CAT® is sea & combat proven with the French Navy since 2011.

L-CAT® Shore-to-shore
Regional Force Projection Craft

The L-CAT® Shore-to-shore is a key enabler of standalone force projection on a regional scale and is suitable for long-range amphibious, disaster relief and maritime security operations.

CNIM offers tailored systems & equipment packages (weapons, C2 systems, sensors) to fit operational needs.

A follow on of the L-CAT® Ship-to-shore, the L-CAT® Shore-to-shore allows rapid deployment & quick access to littoral areas. It is able to transport 54 equipped soldiers and up to 100 tons of equipment and supplies, at 800 nm and a top speed of 22 knots.

PFM
Tactical Motorized Floating Bridge

The PFM is a tactical wet-gap crossing solution adapted to today's Land Forces needs. Rugged and reliable, it can be deployed as either a MLC 80 continuous floating bridge or a roll-on roll-off ferry.

Built from self-propelled sections it is deployed over a short time period (30' for a 100 m long bridge), with minimum staff and no auxiliary boats.

The PFM is French Army proven and has been exported worldwide.

PTA
High Performance Modular Assault Bridge

The PTA is a high performance dry gap crossing capability, offering modularity in front of the gap (2 times 14 m at MLC 100 or 1 time 26 m long bridges at MLC 80).

Its remotely operated launching system can deploy a 26 m long bridge in 10 minutes with 2 operators.
It can be adapted to various launching vehicles.

The PTA is French Army proven.

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SURVEILLANCE
OPTRONIC SOLUTIONS

MULTI-SENSOR
SURVEILLANCE NETWORKS

Bertin offers leading-edge optronic devices
dedicated to the Detection, Recognition & Identification (DRI)
of targets in all conditions, including high-risks environments.

FLEXNET is a wireless mesh networked Unattended Ground Sensor (UGS) platform
dedicated to military surveillance, homeland security
& critical infrastructure protection applications.

FusionSight®
Lightweight Night & Day Vision Enhancer

The FusionSight® combines two viewing modes, based on low light color and thermal cameras, to be used separately or in smart fusion mode. Especially adapted to team leaders and special forces requirements, this reliable hand held device is most efficient when used to unveil camouflaged enemies in operation.

Fully digital and designed to meet users' needs, the FusionSight® allows pictures' snapshots and live streaming on multiple interfaces, for long-term operations.

Low Light Color Vision   Smart fusion   Thermal Vision

PeriSight®
Night & Day vision enhancer
for vehicle and sensitive site surveillance

The PeriSight® is a patented network of imaging sensor modules offering multiple viewing channels - low light color and thermal. The system provides night and day 360° surveillance in short range to enhance Land Situational Awareness (LSA) and Driver Vision Enhancement (DVE) for driving and manoeuvers.

Fully digital, the PeriSight® enables additional key features such as shared video streaming, electronic stabilization, automatic detection and target tracking.

Developed to meet customers' requirements, the PeriSight® is compatible with all kinds of vehicles.

FLEXNET
Scalable, mobile & wireless sensor platform

FLEXNET is a modular, self-healing & wireless ground sensor platform for mobile, semi-static & static surveillance. Its open architecture allows this system to be deployed as a stand-alone capability or become fully integrated with other platforms & Battle Management Systems.

FLEXNET provides early remote Detection, Classification and Identification of any threat in wide areas & complex terrain, both in LOS & NLOS* situations.
*Line-of-sight & Non-line-of-sight

Designed for trained generalist and specialist users, this easy-to-use platform can be deployed in a few minutes.

One solution - Customized surveillance
platform to meet any military challenges

Multi-sensor
FLEXNET integrates a wide range of intelligent UGS, cameras and COTS/MOTS* sensors/devices.
*Commercial Off The Shelf / Military Off The Shelf

Seismic | Acoustic | Passive infrared | Magnetic | Intelligent Remote Day & Night cameras | Radar | UAV | Intelligent Gateways | C2 platform

Multi-mission
FLEXNET optimizes ground surveillance resources and fleet management efficiency due to its multi-mission capability.

Human & Critical assets protection | Reconnaissance | Patrol | Camp | Border control | Special operations

CBRN THREAT DETECTION

CYBER SECURITY & INTELLIGENCE

Bertin offers a complete range of chemical, biological, radiological and nuclear (CBRN) threat detection solutions.

Bertin provides services and software solutions dedicated to the defense-in-depth of sensitive information systems and the advanced processing of digital and voice data for Risk Intelligence, Cyber Threat Intelligence & Speech Analytics applications.

Second Sight® MS
Standoff Gas Cloud Detection Camera

This easy to deploy camera is able to detect & vizualize a large range of gas clouds up to 5km away, in real time. The infrared imaging capability allows night & day 360° surveillance of the environment.

Coriolis® RECON
Portable Air Sampler
for biological warfare agents detection

This ruggedized and easy to deploy system is dedicated to collect biological warfare agents. Its patented cyclonic technology enables long time monitoring of special areas in case of bio-threat suspicion and is compatible with any identification method.
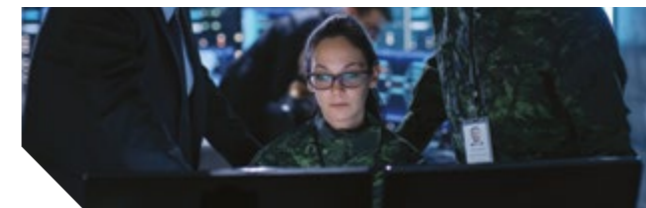
Secure Data Exchanges

CrossinG® is a high security gateway ensuring control of data flows between networks of different sensitivity levels. Its filtering and strong partitioning properties ensure the integrity of exchanges, data leak prevention and neutralization of attacks on critical systems.

Enhance Situational Awareness

With AMI EI®, MediaCentric® and MediaSpeech®, Bertin provides a full range of products for 24/7 in-depth analysis of multimedia and multilingual contents (Web, Press, UGC, TV/Radio), hence enabling a total situation awareness, particularly in crisis contexts.

SaphyRAD® MS
Multi-probe Military Survey Meter

This latest generation of multiprobe survey meter has been designed to be used in harsh environments, by all armed forces, to detect ionizing radiations. It associates a wide range of specialized probes for radioactive sources / hot spot search & contamination measurement.

SaphyGATE® G
Smart radiation portal monitor
for vehicle & load control

Following the highest quality standards, this new Radiation Portal Monitor is aimed at performing radiological controls on trucks, trains and cargo loads. Based on an innovative algorithm, the system warns the operating agent only in case of alarm or failure.

Identify and Anticipate Threats

MediaCentric® is a cyber threat intelligence platform for clear, deep and dark web monitoring, investigation of communities and interpersonal exchanges. Its applications are the fight against cybercrime, anticipation of threats to state security, early detection of cyber attacks and data leaks.

Detect Risk Elements in Phone Interactions

A powerful speech-to-text engine, MediaSpeech® achieves in-depth analysis of conversational audio contents for lawful, tactical and strategic purposes. It is capable of detecting key words and phrases, and to identify languages and speakers so as to be alerted of elements and targets at risk.

CNIM and its subsidiaries Bertin and Exensor stand alongside with Armed & Security Forces worldwide to accompany their transformation and address their challenges for today and tomorrow.

The 160 years of industrial history is present in CNIM's culture and embodied by generations of engineers and technicians, committed to push back the boundaries of technology to create reliable and high-performance solutions.

October 2017 – Photos credits: iStock, A. Dalivoust, JP. Laglewski, Bertin Technologies, Saphymo, DGA, Marine Nationale, MINDEF/DGA

Force PROJECTION

LANDING CRAFTS

BRIDGING SYSTEMS

PROTECTION of Deployed Forces & Critical Infrastructures

SURVEILLANCE OPTRONIC SOLUTIONS

MULTI-SENSOR SURVEILLANCE NETWORKS

CBRN THREAT DETECTION

CYBER SECURITY & INTELLIGENCE

CNIM, A LONG STANDING PARTNER

Worldwide clients & partners

2,500 employees

540 million € revenues in 2016

55% from export

160 years of track record in Defense

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