INTEGRATED BORDER SECURITY

LEONARDO
SECURITY & INFORMATION SYSTEMS
While countries and their populations are increasingly exposed to the opportunities and risks associated with the ever-expanding global movement of people, terrorism, organised crime, migrants, Border Security-Agencies are rethinking approaches to border surveillance, security and management.

Across a number of areas and technological capabilities, Leonardo is a market leader capable to manage the border security challenge and design the would-be border concept in effective way. Innovative solutions are expected to mitigate the border phenomena including illegal goods, counter terrorism, and illegal immigration.
New technologies can help in finding the best solution to develop models supporting planning and missions. Integration, sharing of information, coordination and exploitation of intelligence are facts in the new generation border security systems provided by Leonardo.

Legacy systems can be interconnected easily and integrated with new field of sensors to conceive an ensemble of tactical, strategical, cooperative and external components with a system of system (SoS) approach, ideal and effective for decision support system.

One unique system that is capable to integrate data coming from land, air and sea, scalable, modular and ready to manage new threats and new systems. The common need for any governmental, private and industrial solution to solve different key requirements with the flexibility to adapt to a variable context is fully considered, managed and harmonised.
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BORDER SURVEILLANCE AND DETECTION

Leonardo Border Surveillance and Detection refers to:
- Surveillance, Reconnaissance and Detection equipment for the maritime and land border security forces in order to curb illegal border crossing, drug trafficking, smuggling and protection of sovereign territory, protecting territorial and international waters from piracy, smuggling and other criminal activities
- Communication Network and Devices
- Command & Control Centre
- Mission Planning, Search and Rescue
- Interceptor Assets

BORDER AND INFRASTRUCTURE PROTECTION

Leonardo Border and Infrastructure Protection refers to:
- Security Protection of Maritime and Land Borders
- Communication Network and Devices
- Command & Control Centre
- Protecting Infrastructures like port, offshore oil and gas, fuel storage, military base and logistic centre, troops facilities, power and water plant
- Interceptor Assets

BORDER MANAGEMENT

Leonardo Border Management refers to comprehensive solutions including:
- Mobile or fixed automated border check points and crossing points (including self-service kiosks) for the (biometrical) identification & recognition or enrollment of transit people with or without their own access travel documentation at all ports of entry, whether air, land, or sea
- Information technology infrastructures and network communications to manage the interactions between border check points and command and control law enforcement centres/databases to support identification and to provide a record of travel and criminal history of third country nationals
- Intelligence and risk analysis to prevent and identify possible threats using predictive analysis
- Interoperable information database
The Common Operational Picture include information relevant to the tactical, operational and strategic level of command and control, from detection, to identification, correlation, interoperability and mission planning to have ONE unique situational awareness and sense-making shared between Air, Space, Sea and Land.

Network centric and hierarchical architecture are tailored and real-time capabilities Leonardo provides with an advanced user-defined Common operational Picture for prediction, mapping and response. Fully interconnected systems and database gather ONE unique data information shared between countries and between different stakeholders through powerful technologies spread worldwide.