AlmavivA | absolute digital

Homeland Security & Defence

Supporting the Country's defence

the new boundaries of society

The opening of frontiers due to the free circulation of people and freight, the enlargement of the EU, the recent migration flows of refugees from non-EU Countries have determined a new and wider pattern within the checking activity paradigm of EU borders.

The large volumes and different reasons of individuals moving from non-EU Countries to EU territories have affected the central supervision and cooperation of Police Forces to combat illegal immigration on the one hand, and the increase of individual Member States, as well as the whole EU, to ensure safe mobility, have a common visa policy, make sure extra-EU citizens are equally treated, on the other hand.

the role of ICT within the Industry

The enhancement of IT technologies has enabled Governments and Law & Order Forces to get equipped with automated information and command & control systems to retrieve, store, and exchange large volumes of data: territory geo-mapping, individual and object location, sighting and identification, real-time information transmission and exchange between on-field units and remote local and national control rooms for operation coordination and support to EU Member cross-border activity cooperation.

New vertical IT applications have been introduced for Industry-specific business process automation, whereas the set up of a network for information exchange has enabled the integration of data, the creation of relation-based functional layer, and the implementation of an orchestration level of collected information to make homeland and cross-border operations more efficient and coordinated.

AlmavivA for Homeland Security & Defence

AlmavivA strong experience in the implementation of IT solutions for the Homeland Security & Defence Industry for Armed and Law & Order Forces is represented by its unique Center of Excellence: design, development, technical support, maintenance of terrestrial and air-sea operation command & control systems, solutions for secure communications, critical infrastructure and investigation decision-support solutions, surveillance & battle-field targetting systems, and secure identification systems. AlmavivA has gained the role of strategic System Integrator in this highly-specialized Industry through a long-lasting cooperation and support to Police & terrestrial and maritime Military Corps, as well as its deep knowledge of operation scenarios and expertise on best-of-breed Industry-specific technologies and capability of integrated solution design for a value proposition matching operation process needs.

Identification & recognition technologies for homeland surveillance & defence

Supporting the Country's defence

Our value proposition

End-to-End solutions

Functional & process advisory in the implementation of business solutions, customer need analysis, project development, system integration, application & maintenance management

System integration

Scalable & modular solutions, custom & integrated platforms with multi-channel & multi-device access feature, Industry-specific expertise, business process-tailored skills, best-of-breed technologies, international standard-based methodologies

as-a-Service approach

Professional by-design-based services, available in an as-a-Service and on a pay-per-use basis, proprietary technology-based solutions and system integration with off-the-shelf products

IDENTIFICATION TECHNOLOGIES

Biometry feature-based (facial, finger print, iris match) individual identification technologies and tools

COMMAND & CONTROL

Integrated C4I Command & Control systems, with plan & operation mission schedule functionalities, tactical operation command & control, decision-making analysis & support at operation control rooms and aboard air-sea & terrestrial units (supporting Law & Order Forces in the prevention of crimes & fight against trafficking, clandestine migration, and ensuring safety at sea)

TERRITORY MONITORING

Wired & mobile device-based solutions for active video-surveillance, gate-in/gate-out & transit monitoring, automated vehicle plate number recognition, suspicious behaviour analysis, critical infrastructure monitoring. Wired & mobile systems for tactical target search, acquisition and engagement in military scenarios

SECURE COMMUNICATIONS

Certified systems for operation message generations, transmission & exchange between Command & Control rooms and airborne platforms (NATO secure-messaging-standard compliant)

CYBER SECURITY

Cyber Security strategy definition, MSS and solutions integrated with a traditional End-to-End information security approach: protection from external attacks and new multi-channel & multi-device Cyber Space threats, as well as internal awareness on location-independent infrastructure secure services management

TERRESTRIAL & MARITIME SURVEILLANCE

Integrated systems for terrestrial & maritime boundary surveillance via means of radar-based sensors and high-resolution long-range optronic systems, discovery, recognition & identification systems, suspicious situation analysis solution

INVESTIGATION SUPPORT

Solutions for investigation scenario setup & activity support, evidence filing and fraud prevention

IDENTITY & ACCESS MANAGEMENT

Identity & Access Management solutions: smart-card-based ID document issue & management for personal identification & physical access to restricted areas & sites

COMANDO & CONTROLLO

CYBER SECURITY

IDENTITY & ACCESS MANAGEMENT

CONTROLLO DEL TERRITORIO

SUPPORTO ALLE INDAGINI

COMUNICAZIONI SICURE

SORVEGLIANZA TERRESTRE & MARITTIMA

TECNOLOGIE DI IDENTIFICAZIONE

the group

AlmavivA means technology innovation. Solid skills, unique expertise, continuous improvement and deep knowledge on the different industries, public and private sectors, make of AlmavivA the Italian leading Group within Information & Communication Technology.

AlmavivA supports the Country digital growth processes and takes up the challenge that each company must face to remain competitive, by innovating its own business model, organization, company culture and ICT system.

45,000
people in 2019

65
offices

8
Countries

ITALY

BELGIUM (EU)

BRAZIL

CHINA

COLOMBIA

ROMANIA

TUNISIA

USA

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