

**DEFENCE AND SPACE**  
Security Solutions

# **ACTACOR® – Integrated Security Solutions**

Protecting Land and  
Maritime Borders



**AIRBUS**

# Nationwide Security



## Key benefits of Actacor® solutions:

- Reliable and mature products provided by Airbus Defence and Space
- Many years of experience and knowledge in providing border security solutions for countries with diverse needs
- Scalable and adapted to customer needs and constraints
- Integration of legacy systems
- Increased performance in threat detection and deterrence through technical excellence of key equipment
- Cost effectiveness
- Built-in software for enhanced situational awareness
- Improvement in border guards working environment and quality of life
- Enhanced cooperation at both national and international level

**Worldwide, one company stands out amongst all others in the successful implementation of large integrated land and maritime border projects. That company is Airbus Defence and Space.**

# Actacor® - Integrated

**Actacor® is the name of the border security product portfolio of Airbus Defence and Space. The Actacor® product family serves the various operational needs of border and critical infrastructure security by providing the solutions and services needed to fulfil everyday missions.**

The Actacor® Integrated products deliver best solutions in the following domains:

- Surveillance platforms and systems
- Command and Control (C2)
- Intelligence operations
- Information management
- Facility security
- Maintenance, repair and overhaul services
- Training and simulation

#### The threats:

- Illegal migration
- Illegal trafficking of goods (drugs, arms, etc.)
- Terrorist attacks
- Piracy
- Risks against critical infrastructures and special interest areas such as EEZ (Economic Exclusive Zones), ports and airports, oil & gas installations
- Pollution and security threats against tourist areas or nature reserves
- Other threats in the border and national security domain

Actacor®		
<b>ActaSense</b> Optimise surveillance according to customer requirements	<b>ActaLead</b> Decide, organise, command and communicate	<b>ActaAct</b> Support forces in countering threats
<b>Actacor® Service capabilities</b> Build the optimum system according to customer requirements. Learn and improve with our training and live monitoring capabilities. Through-life support for all operations and maintenance of the system. Managed services covering all security needs.		

# ActaSense

A modular set of capability modules based on state-of-the-art sensors & software, adapted for nationwide surveillance

**Early detection of potential threats and illegal activities are crucial and provide the basis for focused counter measures. ActaSense provides a range of fixed, deployable and mobile surveillance solutions. They can be operated either stand-alone**

**as integrated surveillance platforms or as part of a sensor chain. Our mature products have been designed for surveillance in diverse environments and in all weather conditions. Typical applications are maritime and land border surveillance,**

**supervision of critical infrastructure and commercial assets or permanent situational awareness.**

## Integrated surveillance solutions

Product overview	Key benefits
<ul style="list-style-type: none"><li>• Fixed multi-sensor towers</li><li>• Surveillance &amp; reconnaissance Vehicle</li><li>• Deployable solutions</li><li>• Man-portable sensor packages</li><li>• Unattended sensor suites (ground / underwater)</li><li>• Integration of airborne / space based surveillance platforms</li><li>• Perimeter surveillance</li></ul>	<ul style="list-style-type: none"><li>• 24x7 high-quality surveillance</li><li>• Field proven in various environment (deserts, mountains, forested areas, rivers, coasts)</li><li>• Remote operation from Actacor® Fixed Command Centre via secured broadband connection</li><li>• Solutions adaptable to costumers needs</li></ul>



### Options and alternatives

- Vehicle platforms
- Tower heights
- Sensor suites
- Power generators
- Hybrid power for towers
- Broadband transmission

# ActaLead

The capability to elaborate an accurate real-time picture of the situation, assess the threat, evaluate risk & resources, take appropriate decisions, organise & lead action

**A rapid threat assessment and evaluation of the risks and resources is a key element to take appropriate decisions. ActaLead products are optimised to customer needs with either fixed, deployable and mobile command centres. The solutions are complemented with**

**ergonomical equipment (i.e. for consoles and air conditioning.) Our Command & Control (C2) solutions provide adapted functions and processes to coordinate and supervise border protection operations: Common operational picture (COP) of the situation, decision making,**

**resource management, mission planning, execution and reporting. C2 software can be implemented for all levels of the command chain. Typical applications are land and coastal border security, critical infrastructure and economic asset protection and enhanced situational awareness.**

## Integrated command solutions

Product overview	Key benefits
<ul style="list-style-type: none"><li>• Fixed Command Centres</li><li>• Deployable Command Centres</li><li>• Mobile Land Command Centres</li><li>• Mobile Maritime Command Centres</li><li>• Information management solutions</li><li>• Integration with Intelligence Operation Centre</li><li>• Inter-agency collaboration</li></ul>	<ul style="list-style-type: none"><li>• 24x7 operations and planning based on advanced real time situational awareness</li><li>• Efficient border guard operations</li><li>• Ergonomical multilingual Human Machine Interface</li><li>• Autonomous or integrated use</li><li>• Suitable for all level of command</li><li>• Scalable deployment</li></ul>



### Options and alternatives

- Headquarters and mobile C2
- Broadband communication
- Extended After Action Review (AAR) capability

# ActaAct

A wide range of capabilities for supporting agencies to counter all kinds of security threats

Once a threat has been identified and the decision made from the command centre, or even to ensure regular missions a major element is to dispatch response units. ActaAct provides the solution for fast and effective response to any threats and

difficult situations throughout the area of responsibility. Combined with a full range of land, air and maritime platforms, ActaAct capabilities support border guards operations to deter, intercept, and intervene at check points and all along the

border. Typical applications are patrol and routine missions, response missions, enhanced operations and situational awareness as well as border access control.

## Integrated response solutions

Product overview	Key benefits
<ul style="list-style-type: none"><li>• Rapid Response Stations and Vehicles</li><li>• Border control gates</li><li>• Deployable entry points</li><li>• Smart Fences, equipped with sensors to detect intrusion attempts and alert intervention teams</li></ul>	<ul style="list-style-type: none"><li>• 24x7 mission readiness for mobile forces</li><li>• Suitable for planned and ad-hoc missions</li><li>• Fast and effective response</li><li>• Field proven in various environments</li><li>• Situation awareness for response forces</li><li>• Efficient flow of people and goods at borders</li></ul>



### Options and alternatives

- Fence and gate systems
- Control devices
- Mobile C3 solutions: link between headquarters and intervention teams
- Integration with land, air & maritime platforms

# Actacor – service capabilities

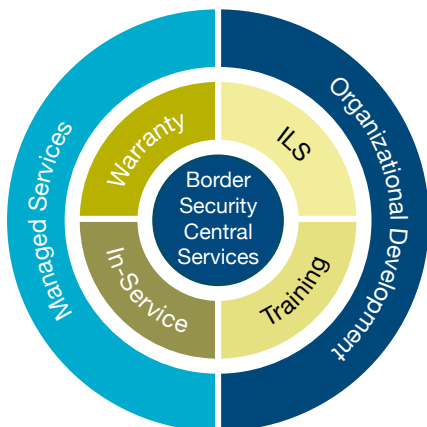
A wide range of services to support and accompany security solutions

Actacor also provides a full range of services to accompany the customer from system definition to final operation (concept of operation, expertise, organisational design, change management, support to operation, cyber defence).

With our unique knowledge in the design, the development, integration and roll-out of large border security systems responding to the needs and constraints of our customers, we also provide powerful simulation tools connecting real

equipment to virtual environments to support system design, architecture validation as well as training. We also guarantee the long term operation of security solutions.

	Product overview	Key benefits
<b>ActaShape</b> Build the best system for your needs	<ul style="list-style-type: none"> <li>Deployable demonstration system</li> </ul>	A “field-proven” capability set, based on methodologies, tools and expertise, to define and build with you the border security system adapted to customer needs & constraints
<b>ActaTrain</b> Learn & improve	<ul style="list-style-type: none"> <li>Training Academy</li> </ul>	Continuous improvement capability through training, simulation, threat assessment capitalisation
<b>ActaCare</b> The “through-life” support of your mission	<ul style="list-style-type: none"> <li>Integrated Maintenance Centre</li> <li>Multi-Layer Support System</li> </ul>	A full range of services to guarantee the long term operation of your security solutions in the best conditions and at the best cost



# Contact

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