Airbus provides security organisations at all operational levels with near-real time, continuous information and situational awareness along the border lines or on areas defined as critical infrastructure, and supports decision making and response actions.

**BorderCore™**

**Frontier Security**

Integrated Solutions for the Protection of Land and Maritime Borders

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**Progressive Steps in the BorderCore™ surveillance process**

1. Detection
2. Compiled Situational Picture
3. Decision Making
4. Coordination of response
5. Interception

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**BorderCore™**

<table>
<thead>
<tr>
<th>Surveillance</th>
<th>Command</th>
<th>Control</th>
</tr>
</thead>
<tbody>
<tr>
<td>Detection, tracking, identification and recognition of targets, compile and display of situation picture on geo-reference maps.</td>
<td>Decide, organise, command and communicate.</td>
<td>Support and coordinate response units and forces in countering threats.</td>
</tr>
</tbody>
</table>

**Training & Simulation**

Learn and improve with our training and live monitoring capabilities.

**Configure & Maintain**

Build the optimum system according to customer requirements. Through-life support for all operations and maintenance of the system. Managed services covering all security needs.
Global Partner for the Protection of Borders

Key benefits:
- Versatile and adaptable to customer needs
- Reach set of capabilities and features
- Ergonomic user interface adaptable to different operational roles
- Scalable from one up to hundreds operational nodes
- Suitable for flat or hierarchical security organizations
- Interoperability with other agencies
- Open and modular architecture
- Service oriented architecture with near-real time data distribution over large areas

Solutions:

Command and Control Capabilities
- Common Operational Picture (COP)
- Augmented situation presentation
- Information fusion
- Decision tools
- Resources management
- Intervention coordination
- Information sharing
- Inter-operability and joint operations
- Can run on fixed and mobile infrastructure

Surveillance Data from
- Fixed sites
- Deployable / transportable solutions
- Airbormes, HAPS, drones and satellites

Intelligence assets
- Massive intelligence, including OSINT, IMINT and HUMINT
- Analytics and prediction
- Smart dashboards

Operational training & simulation
- Central monitoring centres
- Cybersecurity & data management

Surveillance and reconnaissance
- Real-time situation picture on multi-layer maps
- Detection, recognizing, identification and tracking of suspicious objects
- Multi-source track fusion
- Rules-based alarms definition
- Alarm management
- Sensors management
- Video content analysis
- Fixed and deployable/Mobile installations

Command and Control (C2)
- Common Operational Picture (COP)
- Mission planning including:
  - Event handling
  - Resources Management
- Fixed installation in headquarters and mobile on tablets or smartphone

Information Sharing with other Agencies
- Meta-data harmonization (incidents, events, BFT, target tracks)
- Automatic translation (language) of information
- Automatic text interpretation (i.e based on media mining)

Big Data Analytics:
- Generate and disseminate Statistical reports
- Associations and Interpretations
- Pattern Recognition
- Anomaly Detection
- Searching and matching functions

Repository for:
- Structured data (i.e. Analytical Reports)
- Non-structured (i.e. Video)

Training and simulation
- Simulated platforms and sensors
- Entities behaviors definition and configuration
- Operational scenarios definition and simulations
- Sessions management: preparation, execution, supervision
- Simulations and training scenarios adapted to operational roles
- Training sessions reviews

Decision support tools
- Optimised operational planning
- Mission anticipation
- Smart resources allocation

Command and Control

Situation Picture

- Real-time monitoring
- Analysis and prediction
- Data-fusion
- Anomaly detection

Communication & Intelligence
Cybersecurity
Geo-intelligence
Sensors & Platforms

Own & External Sensor Data
Open Data
Intelligence Data
Human Input