



DEFENCE AND SPACE  
Security Solutions

Frontex Industry Days  
24-25 Sept 2019

Airbus Presentation

DEFENCE AND SPACE

**AIRBUS**

# Who are we?

**AIRBUS**

## Commercial Aircraft



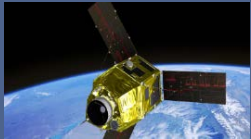
## Defence & Space



## Helicopters



## Space Systems



## Communication, Intelligence & Security

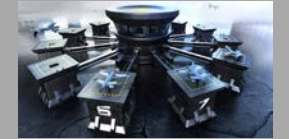


**Security Solutions**

## Military Aircraft



## Unmanned Aerial Systems



# Security Solutions – What we do



Providing large-scale integrated systems

**Security Solutions** designs, develops and implements integrated systems including platforms and services across national, regional and local levels.

**Our expertise in nationwide security capabilities covers:**

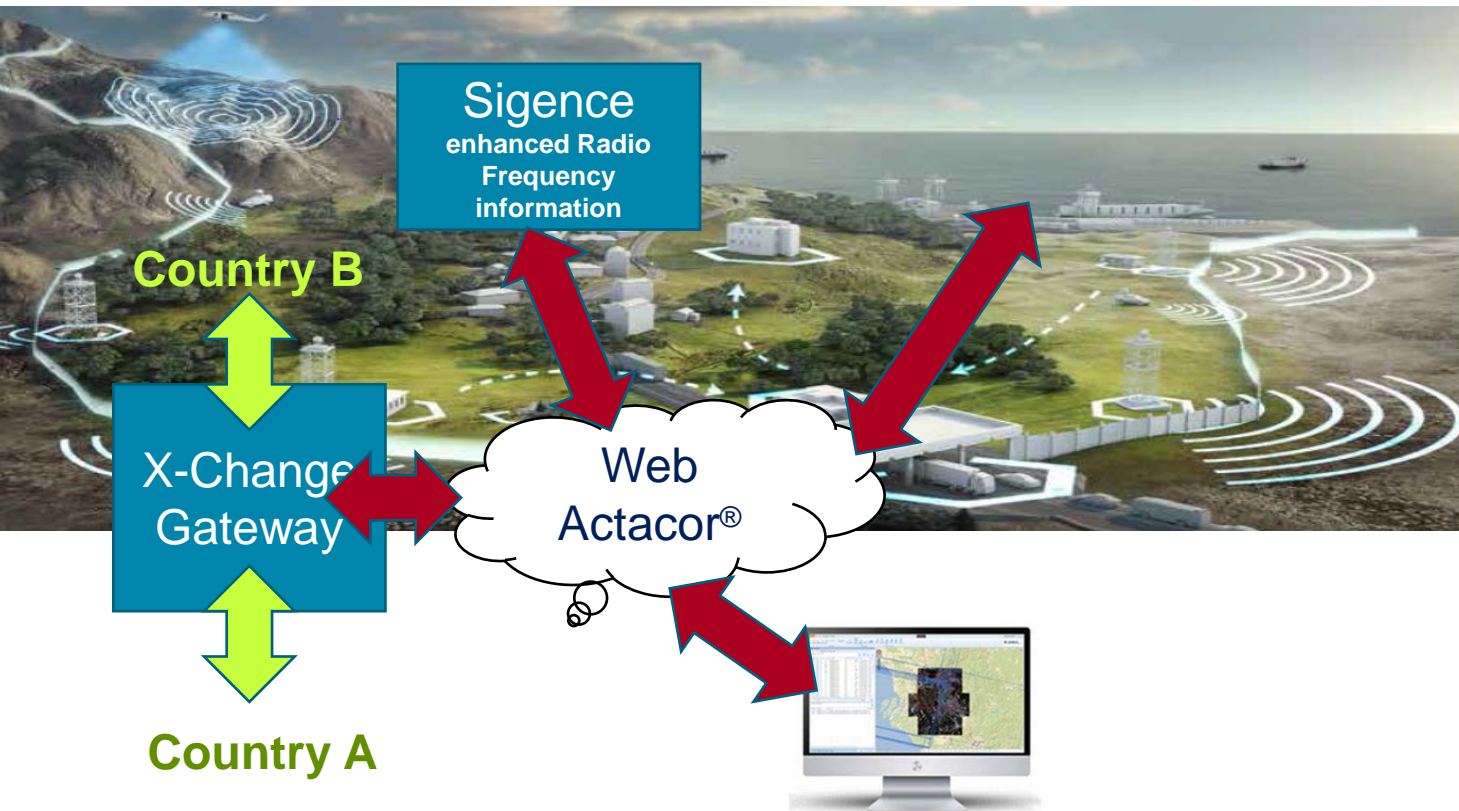
- Land border security
- Maritime security and safety
- Critical national infrastructure (CNI)
- Managed security services

- Large-scale, integrated border surveillance systems
- Coastal and land surveillance systems securing more than 15,000km
- Comprehensive security portfolio, from systems to services
- Integration of customer legacy systems into one comprehensive solution
- Field-proven security systems



## A Web solution for Border Security

ALTAIR

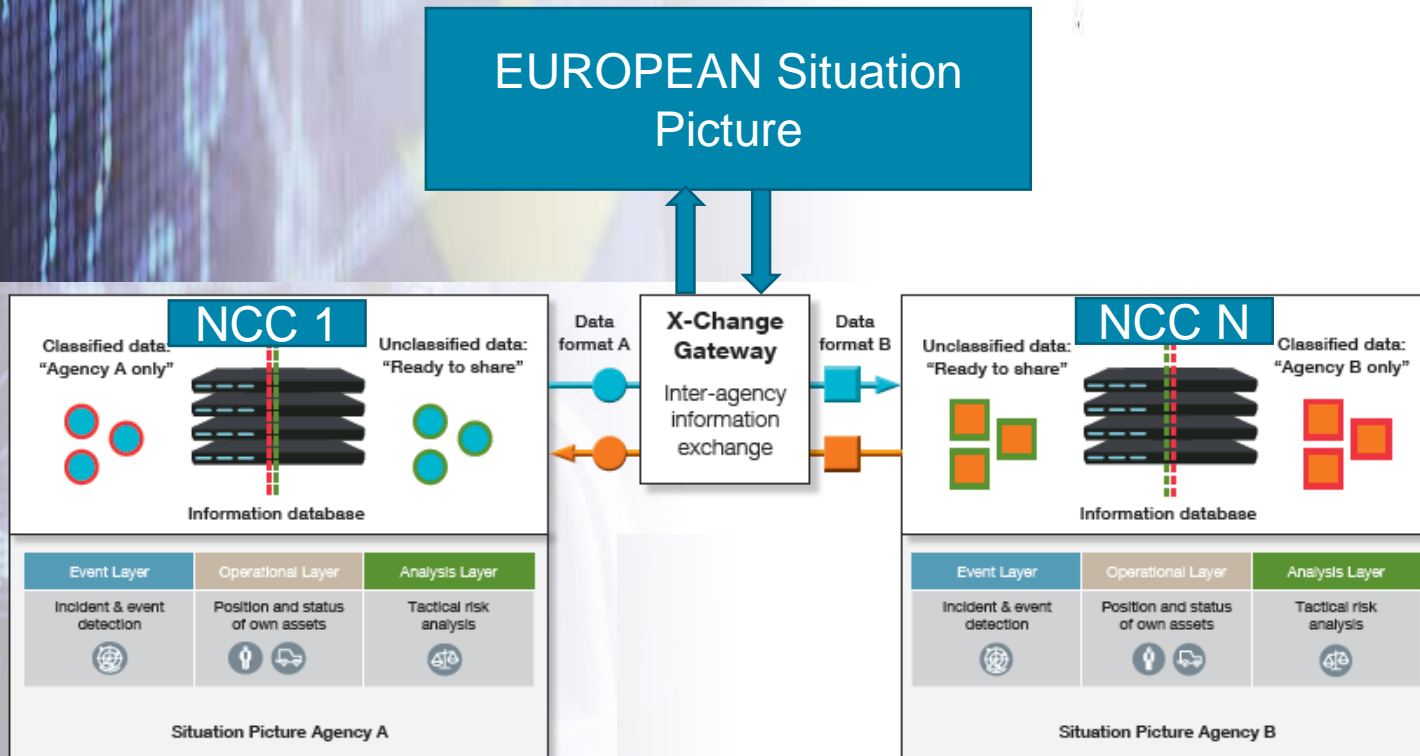


## Demonstration Web Actacor®

A fixed and mobile solution based on modern web technologies,

Allows displaying the real-live Surveillance Picture, based on data acquired from remote sensors. From the same web interface, the operator can remotely command and control the sensors installed in the operational field, as well as to generate Events and coordinate Missions.

# Airbus X-Change Gateway – Situation Picture Exchange



## Key Benefits

Seamless and automated information exchange

Data adaptation to create a consolidated situational picture

Independent of existing implementations of the National Situation Pictures

Dissemination based on data classification

Powerful analytics and reporting

# Altair

Specific design

**SAFETY**

**POPULARITY**

High public acceptance

**SIMPLICITY**

Simplified and fast deployment

**DISCRETION**

Low noise level, no emission

**LIVE STREAM**

Data transmission to the ground

**ENDURANCE**

Autonomy 3h+

**Refugees Camp**



**Border Crossing**



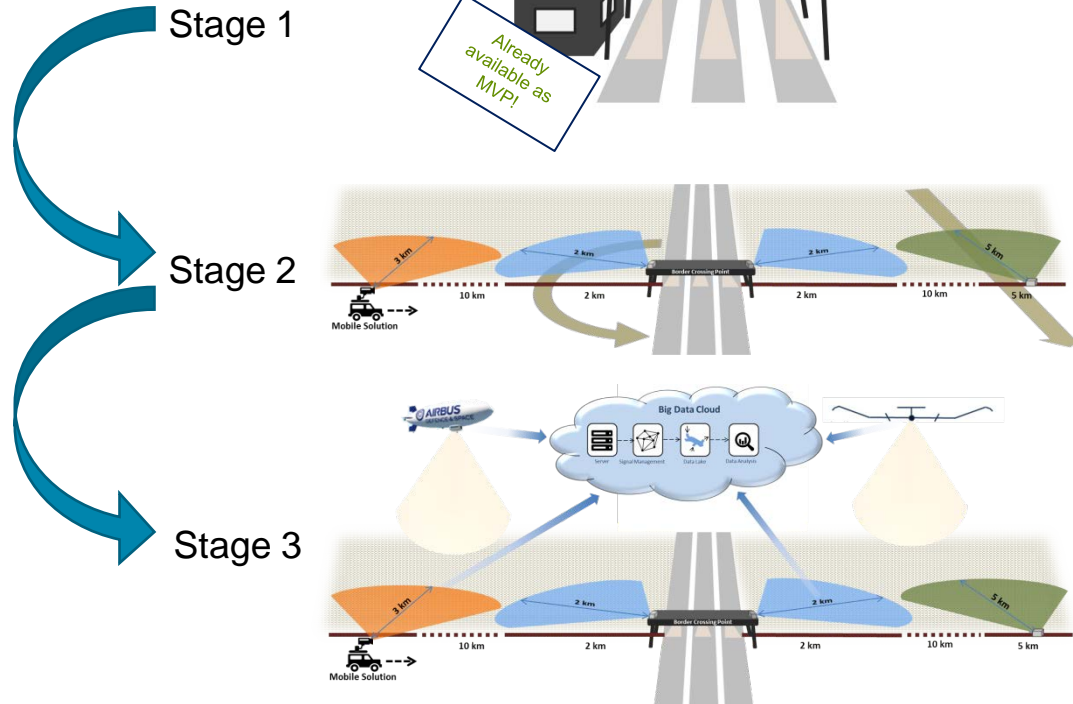
## SPECS

Take-off weight: 0,5kg  
 Take-off mass: 25-30kg  
 Volume: 28m<sup>3</sup>  
 Endurance: 3hrs – 8hrs  
 Max Altitude: 1800m  
 Payload: 5kg

## Value Proposition

- ✓ Unique platform for large range of missions
- ✓ Where safety matter the most
- ✓ Easy deployment
- ✓ Live video stream
- ✓ Analytics for Classification (Multi objects tracking, Crowd estimation, ...)

# Sigence Signal Localization & Identification.



**Jammer Detection** to uncover illegal migration and crimes like smuggling at BCP's

**Green Border Surveillance** to enhance situational awareness and prevent illegal border crossings

**Integrated Border Surveillance Solution** combined with flying platforms for mobile use cases applicable for various use cases

## Border Surveillance

We provide new capabilities in Border Surveillance to enhance security

- Our passive system provides insight into activities and movements on foreign land territory