

DEFENCE AND SPACE  
Intelligence

# Fortion<sup>®</sup> 1SkyControl

Sovereignty and  
Security of National  
and Coalition Airspace



AIRBUS

# New Generation of Control and Reporting Centre Software (CRC)

## Airspace Sovereignty

Fortion® 1SkyControl assists air force operators in monitoring and managing air threats during peacetime, crisis and wartime.

The solution ensures the sovereignty of the national and coalition airspace. It supports national forces in unidentified aerial object detection, deterrence of aggressors and suppression of enemy air warfare assets.

## Air Surveillance

In building and dissemination of the Recognized Air Picture, it allows:

- An area of responsibility of more than 2.000 x 2.000 NM²
- Dynamic sensor feed configuration
- Multi-sensor tracking for plot and jam strobe data of up to 100 radar sensors simultaneously
- High tracking accuracy for civil and military targets
- Track correlation of up to 14.000 tracks
- Automatic track identification

- Evaluation of complete Mode S, Mode 5 information
- Processing and correlation of up to 6.000 flight plans
- Fully integrated Tactical Data Links 11, 16, JREAP

## Air Battle Management

Air mission control provides threat evaluation, ADatP-3 (ACO, ATO, OPTASK LINK, etc.) processing and mission assignment. It enables coordinated intercept operations of ground and air based systems today and in future integrated civil/military airspace ("Single European Sky").

## Air Traffic Management (ATM)

The provided certifiable ATM/ANS services ensure:

- Provision of tactical air control service for military aircraft (fighters, tankers, etc.)
- Processing of civil flight plan information, and reception of NOTAM and track data from ATC radar networks

- Coordination with military and civil ATC agencies including advanced flexible use of airspace (AFUA).

## Control and Support Functions

Fortion® 1SkyControl comprises an inherent simulation and training capability and monitors and configures system hardware and software including data recording/playback.

## Scalable Solution to fit Operational Needs

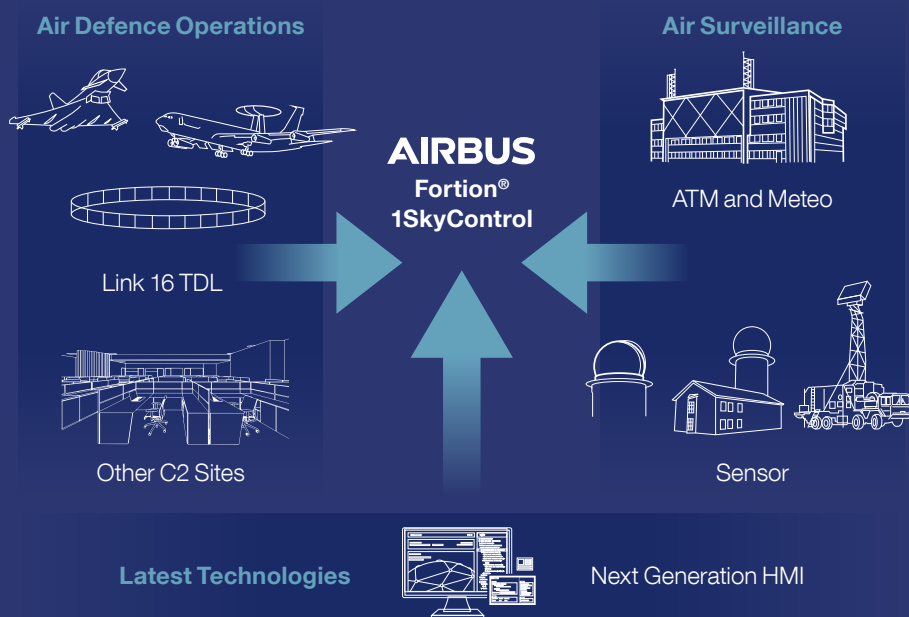
Depending on the specific requirements, an appropriate version can be provided:

- **Static:** office space with 50+ work positions
- **Deployable:** system mounted in ISO containers, deployment time of 1 working day
- **Transportable:** system mounted in transport cases, deployment time within hours

## Benefits

- Scalable platform: from a laptop up to a 50+ work positions fully integrated operations center
- State-of-the-art interoperability in real-time
- Workload reduction: innovative 2D/3D interactive real-time HMI
- Reduction of maintenance costs: Sensor Quality Check tool
- Small logistic footprint and quick set-up (<1 day)
- Integrated simulation and training "train as you fight"
- Easy integration of C2 of multiple hierarchical levels, various sensors, communication and weapons (GBAD & fighter aircraft)

## Fortion® 1SkyControl Operational View



Airbus  
Australia, Brazil, China, Finland, France,  
Germany, Hungary, Singapore, Spain,  
United Kingdom, United States

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