

DEFENCE AND SPACE

# Fortion<sup>®</sup> SAMOC

Optimise your fire power



**AIRBUS**

# Strategic ground-based air defence coordination

## Full Situational Awareness

The Surface-to-Air Missile Operation Centre (Fortion® SAMOC) is an air and missile defence management system designed for joint and combined operations in a multi-national environment.

Fortion® SAMOC can be installed in a fixed infrastructure or provided as a deployable solution. It allows coordination at a strategic level of all ground-based air defence (GBAD) assets countrywide and handles the Ballistic Missile Defence. It offers integrated situational awareness across air, land and maritime domains by fusing data from all available systems within the integrated ground-based air defence environment through Tactical Data Links.

Fortion® SAMOC delivers consistent information and commands to subordinated levels by synchronising and distributing relevant data via the operational Mission Data Base. The solution supports the entire military workflow: planning, execution, monitoring, analysis, training and simulation. It enables the whole BMC4I workflow for a GBAD cluster in a sole system.

## Flexible and Scalable

The open architecture facilitates flexibility and scalability for easy adaptation to customer and mission needs.

## Interoperability

Fortion® SAMOC includes a Multi Data Link capability allowing the interoperability between C4I and Surface-to-Air Missile systems (SAM), as well as operations in a joint/combined environment with coalition partners.

## Main Functions

Fortion® SAMOC is composed of several functions enabling an outstanding performance:

- Force Operations: Effective defence planning and optimisation capabilities for sensors, communication and weapon deployment
- Engagement Operations: Real-time fusion of information from C2 sensors and weapon systems with decision support tools
- Automated engagement operation suggestions
- Reachback functionality for shared operations across command levels
- Training and simulation under realistic conditions
- System configuration: Capabilities to incorporate and operate with all kinds of current and future weapon systems and sensors
- Allied Standard Tactical Data Links

## Key Benefits

- Fielded and combat-proven
- Strategic coordination for centralised and optimised fire distribution (from VSHORAD to Ballistic Missile Defence)
- Resource optimisation for efficient target engagement
- Reduced engagement times
- Interoperability with national and allied air defence systems in joint and combined environments
- Easy configuration of new sensors, weapon systems and communication equipment
- Network-centric approach ensures shared situational awareness on all levels
- Flexibility in preparation and theatre (role-based)

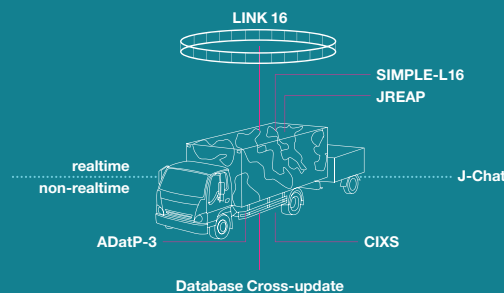
## References

- German Air Force
- Hungarian Defence Forces
- Other undisclosed international Air Forces
- Numerous international joint and combined exercises

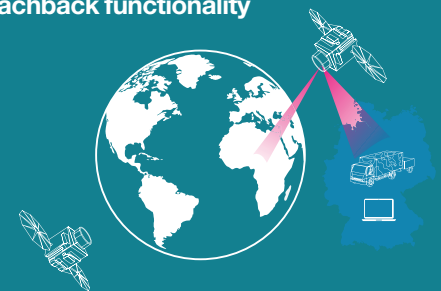
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### External interfaces



### Reachback functionality



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