

DEFENCE AND SPACE
Intelligence

Fortion[®] SAMOC

Smart Planning and Coordination
of GBAD Missions



AIRBUS

Smart Planning and Coordination

Common Situational Awareness

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

It allows coordination at a strategic level of all GBAD (Ground Based Air Defence) assets, countrywide and handles the Ballistic Missile Defence. It guarantees common situational awareness on attached units.

It delivers consistent information to subordinated levels by synchronizing and distributing relevant data via the operational Mission Data Base

The solution covers mission planning, analysis, mission preparation, execution and monitoring, as well as training. It enables the whole BMC4I workflow for a GBAD cluster in a sole system.

Flexible and Scalable

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

Interoperability

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
- Reduced engagement times and optimised results, even for mixed systems (from VSHORAD to Ballistic Missile Defence)
- Training and simulation: Rehearsals under realistic conditions
- System configuration: Capabilities to incorporate and operate with all kinds of current and future weapon systems and sensors

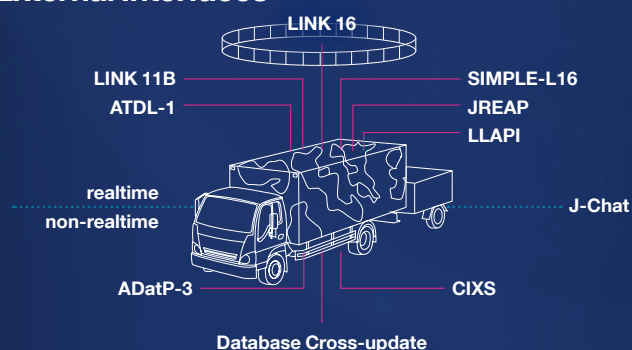
References

- German Air Force
- Hungarian Air Force
- Other undisclosed international Air Forces

Key Benefits

- Fielded and Combat proven Air Defence Management System
- Flexibility in preparation and theatre (role-based operational approach)
- Network Centric Approach guarantees same situation awareness on all levels
- Interoperability in joint and combined environment
- Shared operations with Reachback functionality
- Coordination of a weapon mix from VSHORAD to Ballistic Missile System
- Easy adaptation of the solution to incorporate new sensors and weapon systems

External Interfaces



Reachback functionality

