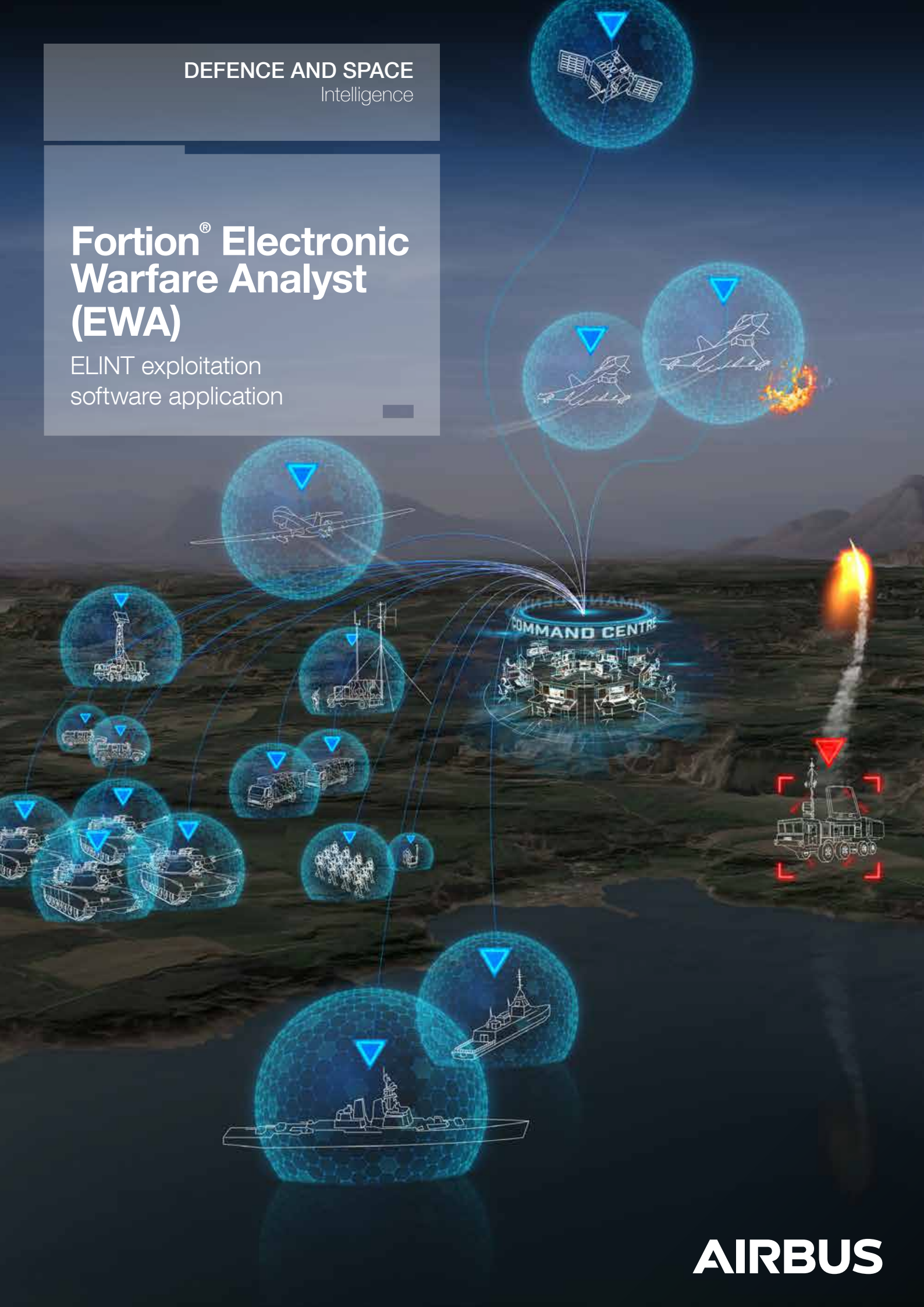


DEFENCE AND SPACE
Intelligence

Fortion[®] Electronic Warfare Analyst (EWA)

ELINT exploitation
software application



AIRBUS

Fortion® EWA

Seeing the invisible

Fortion® Electronic Warfare Analyst (EWA) is a modern and user-friendly software application for the exploitation of interceptions from Electronic Support Measurements sensors.

It receives interceptions of electromagnetic emitters (radio communication, radar, jammer, SatCOM...) from multiple sources and provides the necessary tools to help the operator analyse them and report about the ESM situation.

A complete Multi-operational & flexible tool

The software can be installed on a workstation either standalone directly connected to sensors or operating as part of an intelligence centre or in a SIGINT and Electronic Warfare Operation Centre (SEWOC).

Interface multiple sensors

Fortion® EWA can be connected to several sensors through standard interfaces (L16 or CESMO) or through ad hoc interfaces (CSV or JSON) with configurable translation. Additionally Fortion® EWA can easily be connected to your own sensors or receive interceptions from ELINT providers. Fortion® EWA is fully compatible with NATO standards for interoperability (STANAG 4559 – CSD) and part of the Intelligence Requirement Management & Collection Management (IRM&CM) processes.

Exploitation of interceptions

Fortion® EWA offers a comprehensive set of tools for SIGINT operators to analyze intercepted data. This includes continuous 24/7 reception of intercepts, various visualization options such as tables, maps, timelines, spectra, and heatmaps,

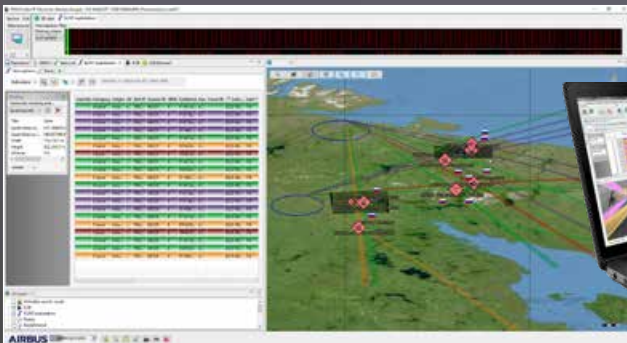
customizable color coding for different intercept characteristics, filtering capabilities, and the ability to identify intercepts using Electronic Order of Battle (EOB) or Reference Emitter DataBase (REDB). Additionally, it enhances confidence through imagery support, vector annotations, and various measurement options.

Elaboration of the Electronic Order of Battle (EOB)

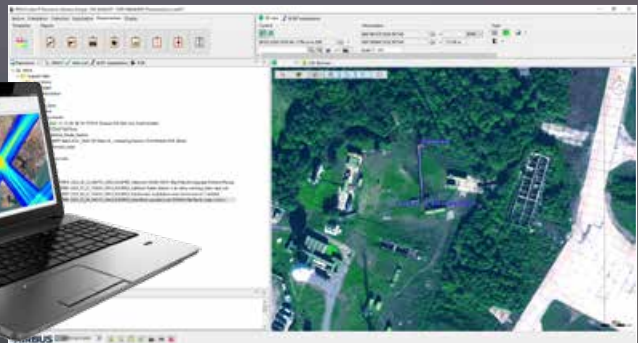
One of the main outputs of Fortion® EWA is the EOB which provides the locations of all known emitters on the battlefield, their characteristics from the REDB and their temporal coverage. It is a key asset for mission planning, Electronic Warfare, Counter Measures, viewshed analysis, etc. The EOB can be published and shared through the CSD network and attached as a result product for a given task, request or requirement for the IRM&CM processes.

A ready to use solution

Fortion® EWA is a ready-to-ship solution available as a per workstation licence and yearly maintenance. The maintenance includes new versions with new features. Airbus improves Fortion® EWA continuously based on its roadmap which is fed from the feedback of our customers.



EWA-EOB-Lobs



EWA-Shadow

Key Features

- Elaboration of the Electronic Order of Battle (EOB)
- Identification of emitter through the Emitter Database
- Automatic/manual lines of Bearing fusion for localisation and tracking
- Display and analysis of LoB (heat map coloring, filtering) and EOB

Key Benefits

- A mature standard compliant and ready to ship solution
- Interoperable with NATO and OGC standards
- Fully integrated with Airbus solutions
- Multi-source and sensor agnostic
- Part of the complete Fortion® ISR suite covering the whole reconnaissance and intelligence cycle
- Flexible and evolving capability

Airbus Defence and Space

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

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