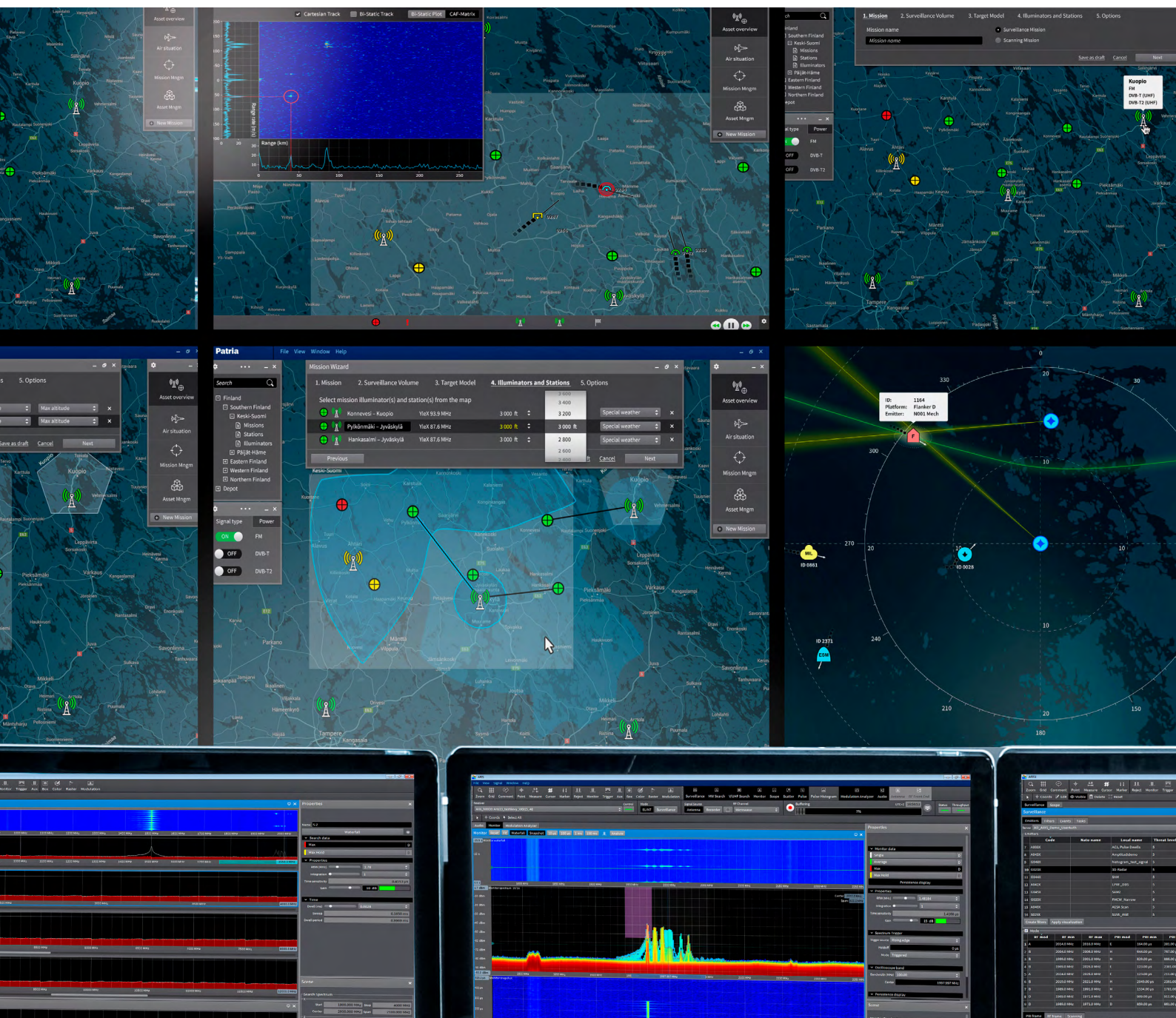


# Patria

## ARIS-E ESM system



## ARIS-E ESM system

The **ELINT system ARIS** is used for technical signal analysis needed in gathering strategic information on radars and building emitter libraries. It provides also an extensive set of automatic ESM functions, such as identification of known signals and autonomous signal collection, that assist the operator in ELINT tasks.

**ARIS-E is a new** ESM product built on ARIS. ARIS-E ESM system offers real-time tactical ESM capability with geolocation and tracking of emitters as well as excellent real-time ELINT tools for precise signal analysis and library updates.

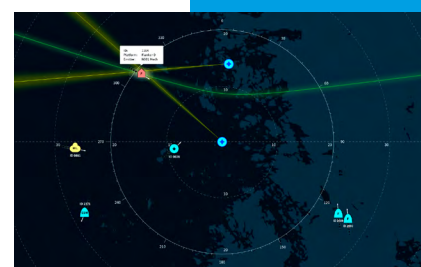
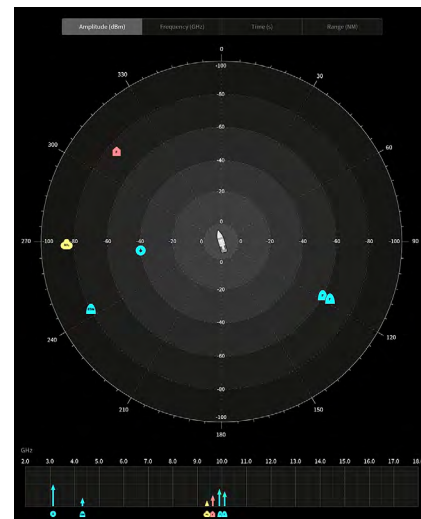
**ARIS and ARIS-E together** deliver comprehensive tools for strategic and tactical ELINT/ESM for various needs.

### ARIS

- » ELINT - electronic intelligence
- » gathering strategic information on non-communication emitters, such as radars, their location and usage
- » spectrum surveillance to find and record previously unknown emitters and their waveforms
- » analyzing signals and modes of operation of the emitters
- » building library of identifying features of signals
- » mostly manual work

### ARIS-E

- » ESM - electronic support measures
- » gathering tactical situational picture based on received signals
- » intercepting, identifying and geolocating previously known emitters
- » providing electronic order of battle (EOB)
- » mostly automatic process



## ARIS-E

### Features

- » Interception, DF and identification of signals
- » Geolocation and tracking of emitters
- » EOB service
- » Versatile recording options
- » Real-time ELINT tools
- » External interfaces

### Performance

- » Excellent sensitivity, even -90 dBm
- » Full 360° coverage
- » Excellent DF accuracy, even 0,5°
- » Frequency coverage 0,5-40 GHz
- » Excellent instantaneous bandwidth
- » Excellent resolution in pulse detection

### User experience

- » Intuitive user interface
- » Remote operation

### Hardware

- » Ground based and naval HW configurations
- » Modular architecture
- » Compact size

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