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C-FLEX ADS-B

EVALUATE AIRPLANES IN AIR SPACE AND CORRIDORS

To enhance situational awareness in the aerial domain Terma offers integration of Automatic Dependent Surveillance - Broadcast system (ADS-B).

Aircraft equipped with ADS-B transmits data about themselves and their flight pattern once almost every second. The ADS-B receiver enables receipt and decoding of the aircraft transmitted ADS-B tracking information including aircraft position, altitude, speed, and other essential flight data.

An operational benefit of the ADS-B system is that it provides constantly updated air situational awareness even under strict EMCON condition.

Operational Capabilities

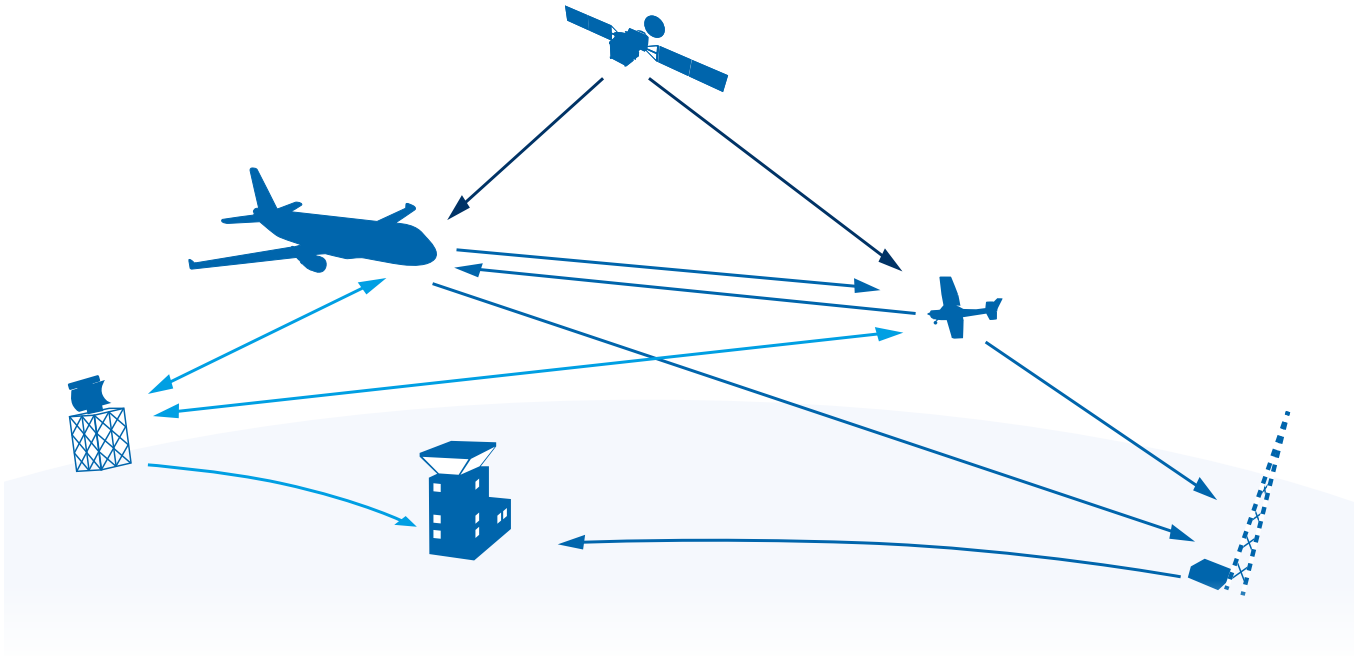
- Identification of civilian cooperative aircrafts
- Air Space Surveillance of cooperative targets

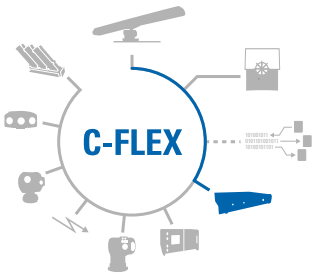
Value

- Evaluate airplanes in air space and corridors
- Sort identified planes from suspicious/unknown planes detected by other sensors
- Passive identification of cooperative targets

Technical

- Integrated into IFF
- Stand-alone solution
- Track correlation with sensors





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