

RDSTrack - Advanced Radar Processing

COBHAM

Connecting legacy and future radar systems

The most important thing we build is trust



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Overview

RDSTrack is a solution for interfacing issues on legacy radar systems. RDSTrack is capable of interfacing to many different Video and Plot based radars simultaneously and outputting different combinations of these radars using industry standard formats such as ASTERIX.

RDSTrack can be used for radar data transmission, format conversion and data fusion. These applications can be achieved simultaneously on a single box or distributed in a chain of processing to achieve more complex data processing.

Key Features

- Plot extraction
- Format conversion
- Non co-located data combination
- PSR to SSR combination
- PSR to PSR combination
- SSR to SSR combination
- Remote diagnostic and management interface
- Data integrity checks and alerts
- Continual alignment checks
- Networked radar video output

Benefits

- Extending life of existing assets by data format conversion
- Enhancing coverage by data fusion
- Safe sharing of remote radars
- Reduction in data bandwidth requirements
- Reduction in support costs with effective remote diagnostics and management



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