

RDSTrack - Wind Farm Mitigation

COBHAM

Track Based Data Fusion



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Overview

This data sheet summarises Cobham's solution for the display of PSR plots using a Local PSR, Infill PSR and SSR to mitigate the effects of a wind farm.

The solution is a continuation of proven Cobham technology:

- To display a single track per target, regardless of which radar or radars are tracking it.
- To not display nuisance clutter from the wind farm.
- To allow the controller to deduce which radar is being used for the target's position on the PPI.

Key Features

- Removes wind farm clutter
- Uses existing correlation algorithms to counter slant range
- Provides verbatim position reports from each radar
- Maintains a single track per target across the wind farm
- Can assign SSR label data when present
- Minimises ambiguity of position reports from different radars



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