

RTDS: Radar Track Display System*Available COTS Today!***Functionality:**

- Automatically tracks aircraft using inputs from multiple commercial and/or military radars
- Fuses radar tracks with Time, Space, Position, Information (TSPI) from multiple external sources
 - Air Combat Maneuvering Instrumentation (ACMI) System
 - Tactical data link information using TADIL B, NATO Link-1, Link-11/TADIL B, NATO Link-1, Link-11/TADIL A, and Link-16/TADIL J
- Interfaces with non-tracking systems
 - Threat Simulators
 - Televised Ordinance Scoring System
 - Intrusion Detection
 - Range Scheduling

Primary Mission:

- Provides air traffic surveillance and control
- Automatic track correlation from multiple overlapping radars
- Provides annotated, real-time, integrated range activity displays

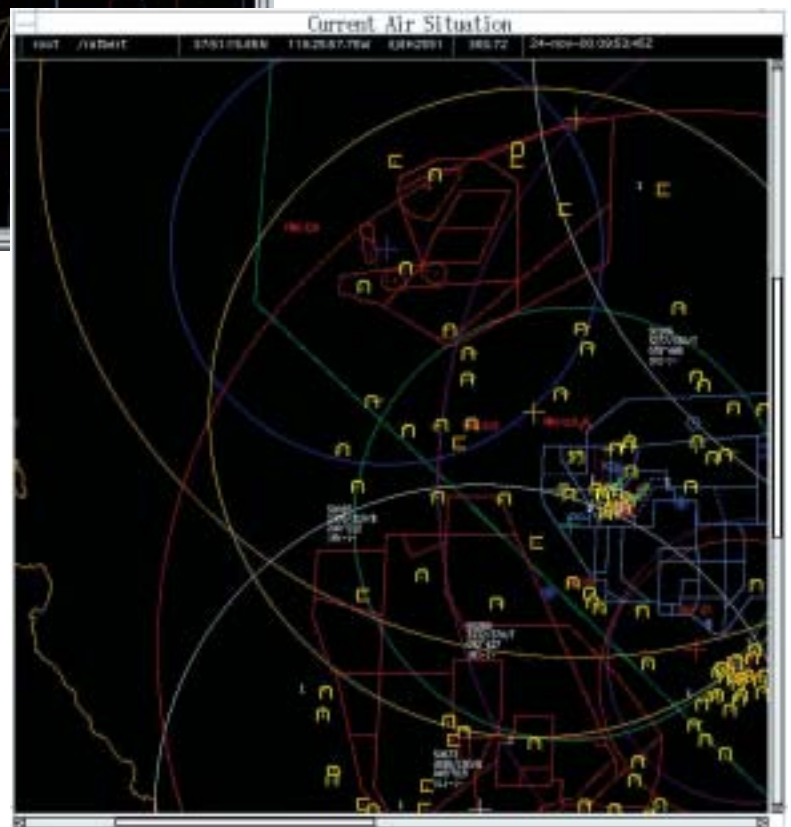
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Overlapping Coverage:

- Single track position formed as a composite of overlapping radar coverage
- Radar-based track fused with TSPI data, if available
- System track fused with AWACS data, if available

Key Features:

- Correlation of multiple radar sources (>64) using CD-2 compatible format (FYQ-47, FYQ-49, CD-1, CD-2, ARSR-3, ARSR-4, TPSI-75, FPS-117)
 - COTS modules available to accommodate other formats (e.g. ADCCP, ASTERIX, FPS-117, TPS-75, Thompson-CSF)
- System time source can be IRIG-B or GPS
- Fusion of radar track data with TSPI data
- Tracks maneuvering targets up to 9 Gs and minimum turn radius of 1,500 feet
- Track accuracy within 750 feet
- 1,010 x 1,010 nautical mile coverage



For more information, please contact:

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