ÇELİKKUBBE | 100 RAD

RADNET: RADAR NETWORK MANAGEMENT SYSTEM

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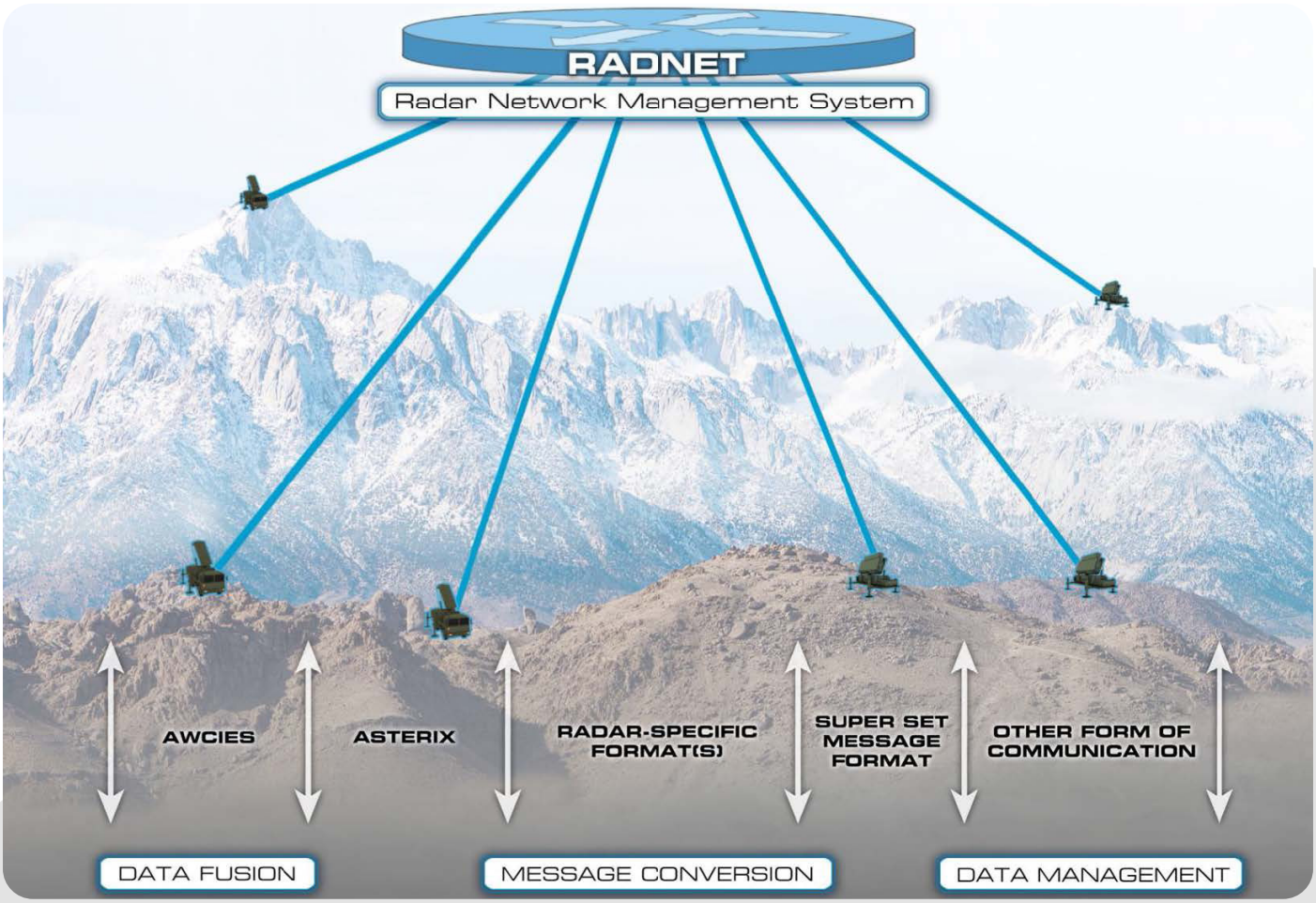
With the STEELDOME 100 RAD RadNet Radar Network Management System, the radar network in the Air Force inventory is modernized in terms of software and hardware, and new capabilities are gained, especially common radar interface, radar coverage display and data fusion, which will be able to respond to operationally and tactically updated and increasing needs.

STEELDOME 100 RAD RadNet System communicates with common radar interfaces used worldwide, can be connected to radars located anywhere regardless of geography, has a web-based structure that can be expanded with up to 256 radar connections, and has an architectural design with an easily definable radar connection configuration.

With newly-capable STEELDOME 100 RAD RadNet System, the necessary data communication is provided between all active and passive radar systems and command and control systems in the inventory and those planned to be added to the inventory in the future.

STEELDOME 100 RAD RadNet Radar Network Management System has the following capabilities:

- Remote radar tracking and control with common radar interface
- Creating a radar report card
- Correction of radar data and radar coverage area analysis
- Radar coverage area display
- Creation of “Virtual Radar” and fusion process of radar data
- Automatic target classification
- Receiving PSR/SSR/Combined plot data from radars
- Creating normalized and super plots
- Local Air Picture display (Normalized / Super Plot / Local Track Display)
- Plot inconsistency / anomaly detection
- Network security and control
- Database management
- Data exchange with AWCIES, ASTERIX, JREAP interfaces



Specifications are subject to change without any notice. | All tolerances are within ±10%.

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