

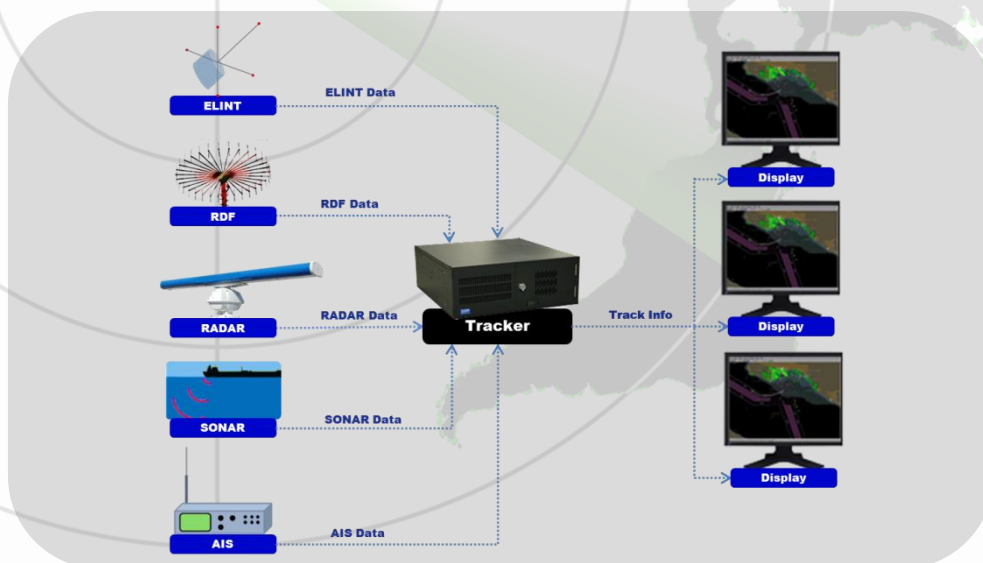
The *Composite Tracker* provides the ability to receive and correlate data from various sensors to form a single high-fidelity track that can be shared via a network. This ability combined with the open COMRIC API allows for advanced tracking capabilities to be added to, and shared within, any system.



Features of the Tracker include:

- ✓ Several Thousand Simultaneous Track Capacity
- ✓ Supports up to Sixty-Four Radars
- ✓ Shared Track Information via COMRIC
- ✓ Multi-Radar Target Correlation
- ✓ Generic Target Correlation from AIS, SONAR, and ELINT
- ✓ Designed for Fixed and Mobile Stations
- ✓ Redundancy Options Available

System Overview



New System Installations - Legacy System Upgrades

Characteristics

Weight: 45lbs
Power: 110 or 220 VAC, 50~60 Hz

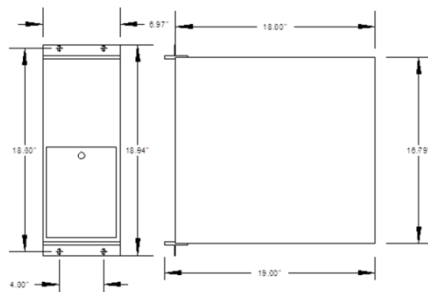
Interface

Network: Ethernet
10/100/1000 Base-T
I/O: Four (4) USB 2.0, One (1) each PS/2 connector, VGA

Environmental

Operating Temp: 0° to +55°C
Non-Operating Temp: -40° to +85°C
Humidity: 5% to 95% @40°C
MTBF: 50,000 hours at 25°C

19" Rack, 4U
18" Depth



Tracker

Supported Sensors

- ✓ RADAR
- ✓ SONAR
- ✓ ELINT
- ✓ AIS
- ✓ RDF

Related Tracker Modules

Track Writer, Track Reader

Software components, the Track Writer and Track Reader provide, respectively, the ability to import external track data from other systems as well as the ability to export internal track data to external systems using NMEA 0183 or OTH-G strings.

AIS Parser

The AIS Parser is a software component designed to process incoming and outgoing AIS messages, including TOI and text messaging. Several encryption standards can be added to the AIS Parser as well, including Blue Force Tracking/eAIS (for US Government customers only), AES, and Blowfish (both of which are exportable).

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