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*
**Technical Data – Tracker**

**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

**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).