

Dynamic ASSIST (Advanced SyStem Integration STructure)

Increase operational effectiveness of manned and unmanned vessels by fusing native and non-native sensors

DYNAMIC ASSIST

Use cases for Dynamic ASSIST:



INTEGRATES NEW SENSORS onto any platform without changing legacy system



CONNECTS NON-LINK PLATFORMS to the Navy Tactical Grid



COMBINES DATA FROM DISPARATE SYSTEMS into a combined picture on a single screen for enhanced operator situational awareness



ADDS SENSOR FUSION CAPABILITIES for existing and future data sources to develop best quality target tracks and supports increased lethality



PROVIDES A 3D DISPLAY to give the operator an intuitive view of the battle space and coverage zones

Overview

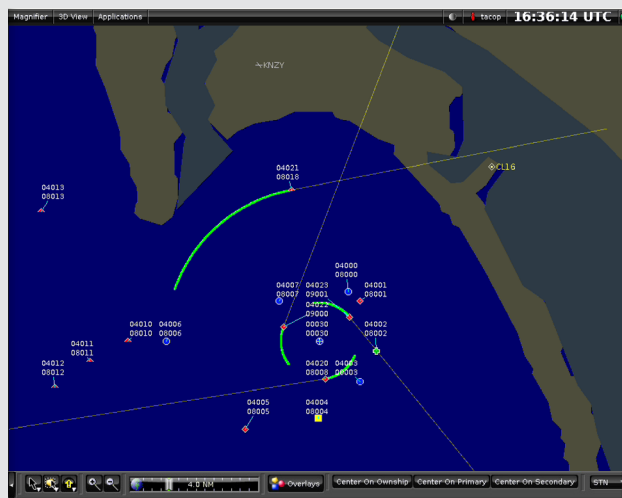
Dynamic ASSIST passively receives under-utilized data from sources such as the Navigation Radar, AIS, JREAP, and Link 16, and consolidates all the tracks into a single real-time common operational picture. Dynamic ASSIST provides improved situational awareness by adding a display that allows the operator to see tracks from multiple sources at a single interface. In addition to displaying data on standard 2D maps, Dynamic ASSIST provides a 3D display of track location and 3D weapon and sensor coverage zones.

Singular, combined tactical display of:

- Navigation Radar
- Automatic Identification System
- JREAP-C
- Tactical Data Links
- Command and Control
- Stand Alone Sensors
- Communications Relayed Information



3D Track Picture & Sensor/Weapon Pairing



Advanced 2D Tactical Display