



RecView

Integrated Sonar Processing & Analysis

MADE BY SONAR OPERATORS, FOR SONAR OPERATORS

OVERVIEW

A real-time, integrated sonar processing system with tactical picture management.

RecView provides integrated processing and analysis capability for virtually any set of sonar systems. This includes any combination of towed array, hull-mounted sonar, and/or sonobuoys regardless of configuration or operating frequencies.

RecView presents data in an intuitive format and runs on commercial-off-the-shelf (COTS) hardware designed for regular upgrades to avoid obsolescence issues.



APPLICATIONS

- Process data from virtually any passive sonar system including towed/linear arrays, hull-mounted sonar/cylindrical arrays, DIFAR sonobuoys and broadband hydrophones
- Receive sonar data in a variety of standardized formats or via purpose-built plugins
- Quickly optimize processing to detect submarines, torpedoes, surface ships, marine mammal vocalizations and transients
- Perform concurrent passive and active processing including:
 - Narrowband, broadband, transient, and DEMON processing for ten or more concurrent resolutions
 - FM, CW or custom waveform processing as monostatic, bistatic or multistatic sonar
- User-friendly and easy to learn
- Use powerful analysis tools for examining harmonic relationships to support real-time classification and intelligence extraction
- Variants of this system design are available for post-analysis and intelligence extraction or embedded low-power autonomous processing
- Runs on commercial-off-the-shelf (COTS) hardware and is designed for regular upgrades to avoid obsolescence issues
- System can be scaled to the computing power and display size available on the target platform
- User interface is optimized for two WUXGA (1920x1200) displays or better