SeeTrack v4

Multi-domain command & control

SeeTrack v4 is SeeByte’s internationally proven multi-domain command and control system for uncrewed maritime systems (UMS).

SeeTrack optimises mission planning, monitoring and post mission analysis through a single, integrated user interface for single or multi-vehicle operations. SeeTrack's additional modules provide specialist analysis, processing, and training designed to significantly reduce operational timelines, errors and false alarms. Designed with the user in mind, SeeTrack helps to provide situational awareness across all assets within the battlespace.

SeeTrack supports multi-nation joint operations and is in service with over 20 navies worldwide.

- Supports world leading UMS
- Equipment independent
- State-of-the-art mission-level planning
- Rapid, multi-sensor data fusion
- Mosaicking of side scan sonar data
- Effectively view the tactical picture
- Commercially controlled open architecture
- Comprehensive Software Development Kit
- Scalable installation from laptop through to shared infrastructures
SeeTrack v4

Campaign manager
SeeTrack manages all your data from current and previous events, with detailed mission plans, sensor data and contact reporting. Search through your mission history, perform change detection, and generate reports.

Post Mission Analysis
SeeTrack is designed to handle large volumes of high-resolution data from multiple sensors. Mission review capabilities include: target picking using the waterfall sonar review, sensor mosaic tools, and custom report generation.

Interoperability
SeeTrack can support multi-nation, multi-domain UMS operations. SeeTrack also allows use of many common standards (including KML, AML, ESRI Shape Files, and OGC Web services) to import and export data to other software tools.

Specifications

Supported Platforms:
- General Dynamics Mission Systems (Bluefin Robotics Products)
- Gavia (Teledyne Gavia)
- Iver2/Iver3 (L3Harris Oceanserver)
- LAUV (OceanScan-MST)
- MAPTAC and COBRATAC (Teledyne RDI)
- Navigator (Shark Marine Technologies)
- REMUS (Hydroid Inc)

Side Scan Sonar Formats:
- EdgeTech
- Klein
- Kraken TIL
- Marine Sonic
- MSHDF
- Sonardyne Solstice

Forward Look Sonar Formats:
- BlueView
- Tritech Gemini

Video Formats:
- MPG and others assuming operating system CODEC availability

Supplied Reporting Modules:
- HTML

Primary Supported Raster and Vector formats:
- S-57 ENC
- S-63 Encrypted ENC
- ESRI Shape files
- GeoTIFF

Additional Modules:
- Automatic Target Recognition (ATR)
- Performance Analysis and Training Tool (PATT)
- Area Breakdown Tool (ABT)

Minimum System Requirements:
- OS: Windows 10 (Pro 64-bit)
- Processor: Intel Core i5 (preferably Core i7)
- RAM: 4GB
- Graphics: 1GB RAM capable of Open GL 2.0
- HDD: 10GB of free HDD space (preferably SSD)

Whitepapers

SeeTrack v4 Technical
Multi-domain Integration
MCM Toolbox

How can SeeTrack support your project?
Contact our sales team on +44 (0) 131 447 4200 or sales@seebyte.com

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