



iMAP®
Online Data Acquisition and Offline Data Processing Suite

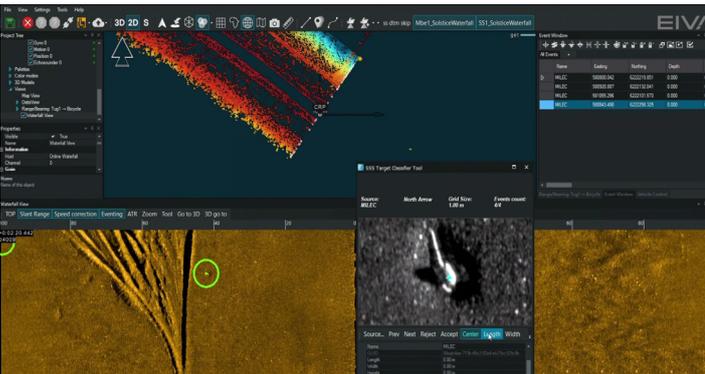
The Online Data Acquisition package is a flexible solution that can interface all common sensors for:

- Surface and Subsea Position solutions
- Heading / Motion / INS solutions / Doppler Logs
- Multi-beam echo sounders / Laser Scanners
- Side Scan Sonars / Sub-bottom Profilers
- Multi-camera video logging
- Accurate Time Stamping (ATTU)

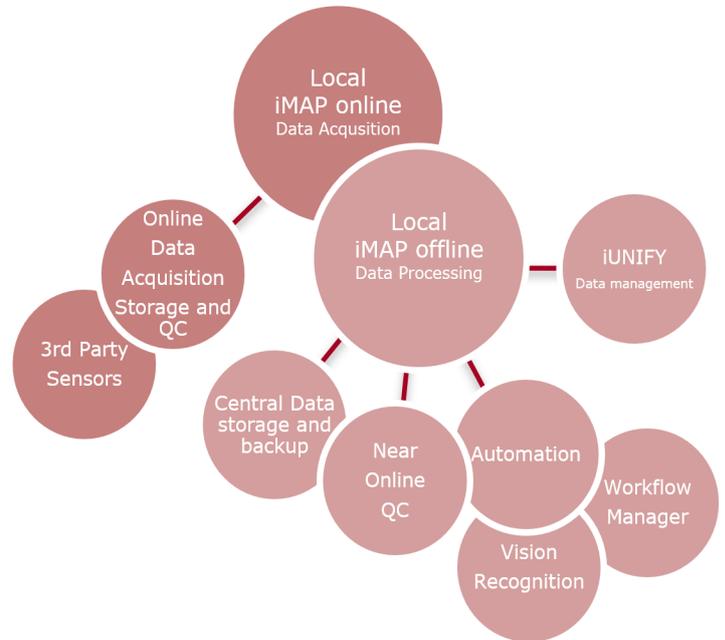
The Offline Data Processing package is a powerful solution which can visualise and process most common data types:

- Sensor and navigation processing
- Sonar cleaning
- DTM and point clouds
- Offline video eventing
- Drape video images on top of DTM or point clouds
- Pipe and cable data processing and visualisation
- Automatic processing
- Visual Recognition

The online and offline data can be visualized as numeric display including time series and 3D Maps. Route planning, navigation, online and offline eventing can be achieved in an intuitive and flexible graphical interface suited for each project requirement.



iMAP® - Side Scan Sonar example (Courtesy of EIVA)



Extensions to iMAP®

Remote Operations

- iCONTROL® - Secure remote vessel access
- iROCC – Remote Operation Control Centre
- iUSV - Unmanned Surface Vehicles

Seabed Surveys

- iTRACK™ - Cable tracking instrumentation
- Pipe tracking instrumentation
- ROV or vessel mounted multi-beam echo sounder (MBES)
- ROV mounted/towed side scan sonar
- Multi-camera video recording and eventing
- Towed UXO instrumentation

Miscellaneous

- iNAV® - Master Vessel and Rig Positioning System
- iUNIFY – Data Management
- Video recording and eventing
- Additional client helmsman's displays
- Electronic charts
- 3D online suite
- Online tide calculations

Documentation

- Survey procedure
- Survey data processing and reporting
- Geodetic consultancy

iMAP® Specification:

iMAP® - Online Data Acquisition suite

- Eiva NaviScan Data Acquisition computer
- LCD displays
- Local data storage
- Online QC displays
- Wide range of 3rd party sensor interfaces

iMAP® - Offline Data Processing suite

- Eiva NaviModel 3D Offline Processing computer
- LCD displays
- Central data storage
- Near-online QC
- Automation
- Charting
- Additional, dedicated GIS / CAD / GEO Software as required

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