INDUSTRY LEADING SIDESCAN ACQUISITION AND SURVEY MANAGEMENT

- Designed from the ground up to support towed surveying
- State of the art image processing algorithms
- Powerful contact management and reporting system
CONTACT MANAGEMENT
Extensive contact management and reporting capabilities designed to support large sidescan surveys. Pick contacts in the waterfall or plan view windows and markers will appear throughout the program. Search for contacts in other track lines or rationalize multiple contacts into a single improved target. Build database queries on 30+ automatic and user-defined data fields. Update contact data when survey navigation is modified in post-processing. Export contacts as georeferenced images, MS Office reports, or GIS layers.

DATA ACQUISITION
Lay out your lines and estimate survey timing with SonarWiz survey planning tools and send the plan to the remote helm display. Acquire sonar, navigation, fathometer data, payout meter and magnetometer data simultaneously. Configure the real time display options to display just the data you want, including sidescan and sub-bottom waterfalls, contact target strips, and fully processed, real-time mosaics.

POST PROCESSING
Powerful tools for correcting the navigation of towed sensors include manual editing and filtering, post-process navigation injection, and target map corrections. Advanced gain and signal processing filters enhance targets or prepare a sidescan survey for habitat classification. The Seabed Characterization Tool can segment acoustic imagery into homogeneous regions for sediment classification.

LICENSING
Sidescan and Sub-bottom (SBP) are available standalone. Bathymetry (Bathy) and Magnetometry (Mag) are available as add-ons, or bundled in various configurations. Office Post-Processing Suite includes post-processing for Sidescan, SBP, Bathy and Mag. Data Acquisition Suite includes acquisition for Sidescan, SBP, Bathy and Mag. Does it All Suite includes both post-processing and data acquisition for Sidescan, SBP, Bathy and Mag. Network and Education licenses available.

SUPPORTED INTERFACES
Analog sonars: C-MAX, Edgetech, GeoAcoustics, Klein; digital sonars such as Atlas NA, C-MAX, Edgetech, Falmouth Scientific, GeoAcoustics, Imagenex, Klein, Knudsen, Kongsberg, R2Sonic, SyQwest, Teledyne, Tritech

FILE FORMATS
All major file types including XTF, CMS2, COD, JSF, GCF, RDF, RFF, SON, DAT, HSX, 815, 872, 83P, ALL, RAW, IMG, SMB, SL2, SL3, MST, SDS, DAT, QMP, MB41, SWF8, SXR, SXP, SXI, SEG, SCY, V4Log, LogDoc

Recommended PC 64bit, Win 10, DirectX11+, 8GB, SSD, USB port.