REAL-TIME DATA ACQUISITION AND POST-PROCESSING FOR MAGNETOMETER DATA

- Provides full range of navigation filtering and smoothing of magnetometry signals
- Automatically or manually mark magnetic anomalies
- Visualize your data in two or three-dimensions
DATA PROCESSING
SonarWiz Magnetometry provides the full range of navigation, filtering, smoothing, and repair that SonarWiz offers for sidescan and subbottom post-processing. Anomaly positions can also be recentered on sidescan targets using the interactive map correction features in SonarWiz. Magnetometry (Mag) real time acquisition (RT) included with all SSS/SBP RT licenses. Mag sold as add-on module or in the full Office Post-Processing Suite.

DIGITIZING
SonarWiz can detect magnetic anomalies automatically or they can be placed manually in the profile view. Once identified, anomalies can be shown on the plan view map or nearby sidescan waterfalls to help aid in target identification. SonarWiz can also be configured to automatically assign attribute information to anomalies based on the location of known pipeline or other structures.

VISUALIZATION & REPORTING
SonarWiz offers several useful magnetometer visualization and export options. In addition to individual anomaly markers, the entire magnetic trace can be displayed on the map as a color-coded stick plot. It is also easy to interpolate the magnetic data into a 3D surface for display with other SonarWiz sidescan and sub-bottom data.

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
AquaScan AX2000, GEM 19M, 19T, Geometrics 881 & 882, Marine Magnetics Standard and with Depth, plus many more. Refer to the Magnetometry Reference PDF or contact CTI Technical Support for details.

FILE FORMATS
SonarWiz supports over 50 magnetometry file formats and the list is frequently revised. Please visit CTI Technical Support site for the latest version.
Recommended PC  64bit, Win 10, DirectX11+, 8GB, SSD, USB port.