



## SonarWiz Interfaces

Real-time (R/T) sonar data acquisition interfaces supported  
Single-beam and Magnetometry R/T acquisition are free with  
ANY sonar R/T license

### SonarWiz can acquire and process data from the following sonar models:

<b>Sidescan Sonar:</b> Analog 16-bit: (examples)	(XTF file recorded) - Geoacoustics SS - Klein 595, 2000 SS - Edgetech 260/272 - C-MAX 800 series	<b>Sub-bottom sonar:</b> Analog SB: (examples)	(SEG file recorded) - Sparkers, Boomers, - Bubble-guns, Pulsers
C-MAX	CM2 USB	Edgetech	3000 (X-Star), 3100, 3200 FSSB (e.g. SB216, SB424)
Edgetech	- 4100 - 4125/4200 via Ethernet - 4125 via USB/COM port - 4125 via USB/COM port	Falmouth Scientific	HMS-622 ChirpCeiver
Falmouth Scientific Kongsberg- Geoacoustics Ltd.	- HMS-624 Swordfish SS - Digital SS - Pulsar SS	Kongsberg- Geoacoustics Ltd	Geopulse Analog SB Geopulse Plus Digital SB
Imagenex	- Sportscan, Yellowfin	Innomar	SES-2000 SB
Klein	- 3000, 3900 - 5000, 5000V2 - 5900 w/gap-fill	Knudsen	Knudsen SB (Beta)
Knudsen	- 320 (Beta)	SyQwest	Stratabox, Hydrobox Bathy2010, Bathy2010PC
Marine Sonic (now Atlas NA)	- HDS and SeaScan - ARC Explorer	Teledyne-Odom	Chirp III, Echotrac
R2Sonic	- 202X series w/TruePix	<b>Combined SS/SB:</b> Edgetech HUGIN Klein Teledyne-Odom	- 2000 SS/SB - AUV SS/SB - 3000 SS/SB - 1625
SyQwest	Aquascan	<b>Bathymetry Sonar:</b> Edgetech Klein PingDSP R2Sonic	(XTF file recorded) - 4600/6205 SS/bathy - 5900 SS/bathy - 3DSS SS/bathy - 202X single-headed
Teledyne-Odom	1624	<b>Single-beam Sonar:</b> Various vendors	TXT file recorded All NMEA-0183-compliant models, supporting DBT / DPT messages \$ISADS / \$ISADA packets
Tritech	Starfish 450/990, Seaking	ISA500	

Rev 16, 8/23/2017 [support@chesapeaketech.com](mailto:support@chesapeaketech.com)

Chesapeake Technology, Inc.  
1605 W. El Camino Real, Suite 100  
Mountain View, CA 94040

phone: (650) 967-2045  
fax: (650) 903-4500  
[www.chesapeaketech.com](http://www.chesapeaketech.com)



## SonarWiz File Format Import

### SonarWiz supports import of the following file-types:

*Note: All file formats in a category may be imported with the post-processing license of that category.*

#### Sidescan Import File Types:

- C-MAX (\*.XTF, \*.CM2)
- CODA (\*.COD)
- Edgetech (\*.JSF)
- eXtended Triton Format (\*.XTF)
- Geoacoustics (\*.GCF, \*.RDF, \*.RFF)
- Humminbird side-view (\*.SON, \*.DAT)
- HYPACK (\*.HSX)
- Imagenex Sportscan (\*.81S)
- Imagenex Yellowfin (\*.872)
- Imagenex Delta T Backscatter (\*.83P)
- Klein (\*.SDF)
- Kongsberg EM backscatter (\*.ALL)
- Kongsberg (Simrad) EA400/600 Backscatter (\*.RAW)
- Kongsberg (ProSAS, HI SAS 1030) (\*.IMG, \*.XTF)
- Kongsberg PULSAR SS (\*.XTF, \*.SMB)
- Lowrance (\*.XTF or \*.SL2 or \*.SL3)
- Marine Sonic (\*.MST, \*.SDS)
- QMips (\*.DAT, \*.QMP)
- R2Sonic (\*.XTF)
- Seabeam2100 (\*.MB41)
- Sonardyne Solstice (\*.SWF8)
- SwathPlus Raw/Processed/Parsed (\*.SXR, SXP, SXI)
- Swedish Geo Survey (\*.SEG, \*.SGY)
- Tritech (\*.V4Log, \*.LogDoc, \*.XTF)

#### Single-beam Import File Types:

- ISA500 - M39 format recorded by HYPACK
- MLG - EASYNVAV variety
- TXT - recorded format saved by SonarWiz
- See the Single-beam Reference PDF for format details

#### Magnetometry Import Formats:

Many sentence formats supported using a template-based import design. See the Magnetometry Post-processing Reference PDF for details

#### Sub-bottom Import File Types:

- SEG-Y (\*.SEG, \*.SGY, \*.TRA)
- XTF (\*.XTF)
- EdgeTech JSF (\*.JSF)
- GeoAcoustics (\*.GCF)
- CODA (\*.COD)
- Innomar SB (\*.SES)
- Klein 3000 (\*.SDF)
- Kongsberg (\*.RAW)
- Lowrance (\*.SL2, \*.SL3)
- Tritech (\*.V4Log)
- Atlas Parasound (\*.ACF, \*.ASD)
- Specialty Devices (SDI) (\*.BSS)
- SyQwest ODC (\*.ODC)
- Knudsen KEB (\*.KEB) incl. D0-D3 and B9 formats
- Mala GPR (\*.RAD)
- Specialty Devices Inc (SDI) (\*.BSS)

#### Bathymetric Import Formats:

- EdgeTech JSF (\*.JSF)
- GeoAcoustics (\*.RDF, \*.RFF)
- HYPACK (\*.HSX, \*.HS2, \*.HS2X)
- Imagenex Delta T (\*.83P)
- Klein (\*.SDF)
- Kongsberg (\*.ALL)
- Lowrance (\*.SL3)
- R2Sonic with TruePix or Snippets (\*.R2S)
- RESON with Backscatter or Snippets (\*.S7K)
- RESON via HYPACK (\*.7K)
- Sea SWATHPLUS (\*.SXI)
- Triton eXtended Format (\*.XTF)
- WASSP Multibeam (\*.NWSF)

Rev 16, 8/23/2017 [support@chesapeaketech.com](mailto:support@chesapeaketech.com)

**Chesapeake Technology, Inc.**  
1605 W. El Camino Real, Suite 100  
Mountain View, CA 94040

phone: (650) 967-2045  
fax: (650) 903-4500  
[www.chesapeaketech.com](http://www.chesapeaketech.com)