CodaOctopus:GEO
Advanced Geophysical Solutions

Benefits

Highly productive, integrated environment
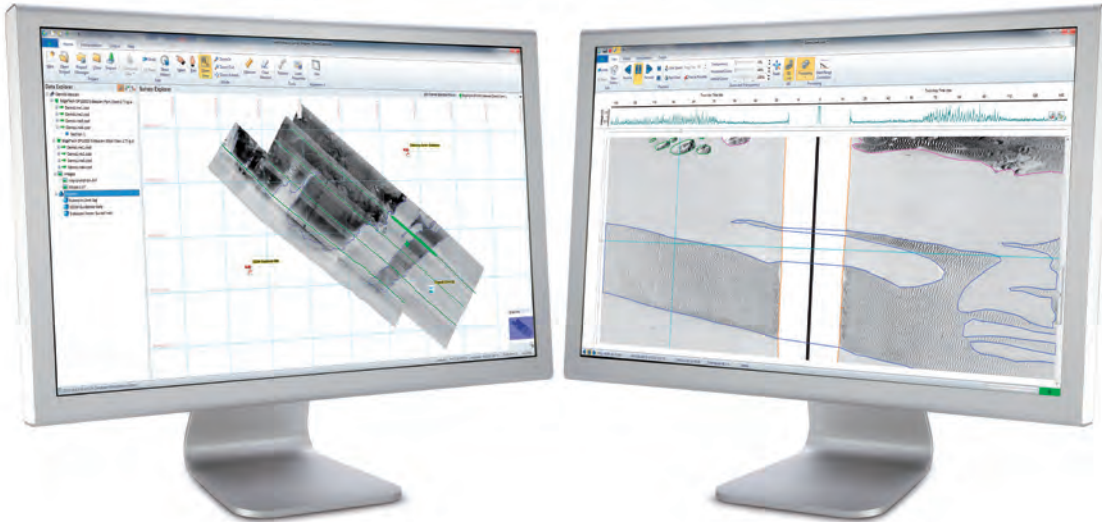
Powerful: manage huge data sets

Seabed Survey Data Model (SSDM) integration

Reduced reporting costs

Easy to use: intuitive user interface increases efficiency

Highly competitive price

Expert 24x7 Technical Support

The most productive and intuitive tool for sidescan data processing, interpretation and reporting

Sidescan+™ is the latest addition to the highly successful Survey Engine™ range. Built on twenty years of experience that have made CodaOctopus' geophysical software the worldwide market leader, Sidescan+™ brings survey interpretation up-to-date with the latest database and GIS technologies.

Based around a flexible database, Survey Engine™ gives fast access to all survey information, even from the largest data sets. As a result, Sidescan+™ offers exceptional time-saving advantages when processing and interpreting sonar data.

Sidescan+™ integrates fully with Seismic+™ so that both sidescan and seismic data sets can be used in the same project yielding interpretation productivity benefits.

CodaOctopus software is used throughout the world and has always boasted an extensive and enthusiastic user base among geophysical professionals because of the wide range of tools provided. Experienced users will find the vital tools they are familiar with, presented in a much more user friendly way, as well as a host of essential new features.

Inputs

Survey Data:	CodaOctopus (.cod); Extended Triton Format (.xtf); EdgeTech (.jsf); Sonar Equipment Services (.ses); Seismic data in SEG-Y and above formats (with Seismic+™ option)
GIS Overlay Images:	Tagged Image File Format (.tif, .tiff); AutoCAD® DXF™ (.dxf)
Corrected Navigation:	CodaOctopus Corrected Navigation Format (.cnv)
GIS Objects:	Any file in any format can be imported and launched in their own viewer

Outputs

Image Output	Tagged Image File Format (.tif)
Vector Output:	AutoCAD® DXF™ (.dxf)
Report Output:	Microsoft® Excel® Worksheet (.xls); ASCII text (.txt, .csv); Extensible markup (.xml) Webpage format (.html)

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Features

	Sidescan+™ SP	Sidescan+™
GIS Overview shows the track of every line in the survey	✓	✓
Integration with Seismic+™ fuse seismic and siescan data sets in the same project	✓	✓
No Data Subsampling Compromises access every sample of data and navigation information at any time	✓	✓
Integration with the Seabed Survey Data Model (SSDM) support for SSDM in interpreting features	✓	✓
Corrected Navigation batch import processed navigation data and modify nav with online editor	✓	✓
Wide Range of Supported File Formats including Coda, JSF, XTF, SES	✓	✓
Powerful Processing Functions including TVG, frequency filters, slant range correction etc.	✓	✓
User Configurable Interpretation Types with ability to share between projects	✓	✓
View Interpretation in GIS Window ability to get a project overview of all your interpretation	✓	✓
AutoCAD® DXF™ Export batch export the interpretation and/or the survey tracks to DXF™ format	✓	✓
Powerful and Flexible Reporting Tool allows fast generation of Excel®, ASCII, CSV, HTML and XML format reports	✓	✓
TIFF Export export the entire line or a section of a line to TIFF format	✓	✓
Multi-level Undo Manager allowing interactive steps back and forward through performed actions	✓	✓
Unlimited* Data Import manage huge data sets	✘ 40 line km limit	✓
Open Unlimited* Data Windows for direct comparison of survey lines	✘ 2 window limit	✓

*practical limit applies depending on PC spec

System Requirements

	Minimum	Recommended
Processor	Pentium® III - 1.0GHz	Quad Core – 2.0 GHz or faster. Both 32 bit and 64 bit supported
Memory	1GB	6GB or more
Hard Disk	2 GB disk free	Dual SSD: 1 OS; 1 Data - 200 GB free
DVD drive	Single layer DVD-R	Single layer DVD-R
Display	Single Display 1024x768	Dual Display 1280x1024
OS	Windows® XP SP2 or higher	Windows® 7 Pro SP1 or Windows® 8 Pro. Both 32 bit and 64 bit supported
USB Port	1x USB port for security key	1x USB port for security key

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Scan Code to find out more

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