



Benefits

- Fast: Ten times improvement in data preparation times*
- Easy to Use: intuitive user interface increases efficiency
- Powerful: manage huge data sets
- Increased productivity*
- Reduced reporting costs*
- Expert 24x7 Technical Support
- *compared with Coda GeoSurvey® in independent tests*

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

Seismic+™ is the first product in the Survey Engine® range. Built on the years of experience that have made CodaOctopus' GeoSurvey a market leader at the heart of geophysical operations worldwide, Seismic+ brings survey tools up-to-date with the latest database and GIS technology.

Based around a flexible database, Survey Engine gives fast access to all survey information, even from the largest data sets. As a result, Seismic+ offers exceptional time-saving advantages when reviewing data and performing interpretation.

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 powerful tools provided. Experienced GeoSurvey users will find the vital tools they value in the original software, as well as a host of essential new features.

Inputs

Survey Data:	CodaOctopus (.cod); Extended Triton Format (.xtf); EdgeTech JSF Data Format(.jsf); Sonar Equipment Services Data Format (.ses); SEG-Y Seismic Data Format (.sgy, .seg)
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 as a GIS object (files will be launched in their default application)

Outputs

Image Output:	Tagged Image File Format (.tif, .tiff); Fledermaus TDR Format (.SD)
Report Output:	ASCII text (.txt, .csv); webpage format (.html); Microsoft Excel Worksheet (.xls); Extensible markup (.xml)

Features

	Survey Engine Seismic+ SP	Survey Engine Seismic+
GIS Overview shows the track of every line in the database	✓	✓
Display of Cross-Line Intersections to assist with comparison and QC	✓	✓
Enhanced Processing Functionality in the Frequency Domain including histograms and a full suite of varying filters	✓	✓
Transparency Layers to allow direct comparison of adjacent survey lines	✓	✓
Increased Depth Accuracy using Multiple Sound Velocity Profiles based on feature type in the sub-seabed	✓	✓
TVG, Swell filter and other powerful processing functions	✓	✓
Wide Range of Supported File Formats including Coda, JSF, XTF, and numerous SEG Y variants	✓	✓
Multi-Level Undo Manager allowing interactive steps back through performed actions	✓	✓
Powerful and Flexible Reporting Tool allows fast generation of ASCII, HTML, XML, Excel format reports	✓	✓
Corrected Navigation import processed navigation data and modify nav with online editor	✓	✓
Generation of Fledermaus Objects from raw or processed data at the click of a button	✗	✓
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

Component	Minimum	Recommended
Processor	Pentium III -1.0 GHz	Quad Core – 2.0 GHz or faster Both 32 bit and 64 bit supported
Memory	1GB	6GB or more
Hard Disk	1GB disk space free	20GB minimum free
DVD Drive	Single layer DVD-R	Single layer DVD-R
Display	Single display 1024x768	Dual displays 1280x1024
OS	XP SP2 or higher	Windows 7 Professional SP1 Both 32 bit and 64 bit supported

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