



Benefits

- Powerful, pipeline specific interpretation toolkit
- Reduced reporting times
- Specify the extent of the route survey interpretation
- GIS and CAD outputs
- Expert 24x7 Technical Support

Advanced Pipeline Inspection Toolkit for Sidescan Sonar

Survey Engine® Pipeline+ is a highly efficient package for interpreting sidescan sonar records from a pipeline inspection survey. Built on 20 years of experience in this area, our Pipeline+ software package provides all of the specialist tools that geophysicists need to accurately interpret pipeline data. Pipeline+ is fully integrated into the Survey Engine suite to give significant productivity gains.

Pipeline+ allows the user to run through the processing, interpretation and reporting steps faster than ever before, while still giving the precision and absolute reliability that users have come to expect from CodaOctopus® GEO products.

Pipeline+ takes the user from raw data files to fully interpreted GIS or CAD deliverables in a seamless, integrated environment. Package features include support for free span measurements, defining and displaying corridors of interest around the pipeline, and allowing extremely flexible interpretation attributes to be defined and reported or included in CAD/ GIS outputs.

As with all our products, Pipeline+ is backed by our renowned 24/7 Technical Support and software maintenance program ensuring that assistance is at hand whenever and wherever you require it.

Available as an upgrade to the existing GeoSurvey Pipeline Inspection package, Pipeline+ is the next generation, advanced professional tool kit that every company engaging in pipeline inspection with sidescan sonar should have at their disposal.

Inputs

Survey Data:	CodaOctopus (.cod); Extended Triton Format (.xtf); EdgeTech (.jsf); Sonar Equipment Services (.ses); EdgeTech (.jsf)
GIS Overlay Images:	Tagged Image File Format (.tif, .tiff); AutoCAD® DXF™ (.dxf); ECW Format (.ecw); ESRI Shapefile format (.shp, .shx, .dbf)
Corrected Navigation:	CodaOctopus Corrected Navigation Format (.cnv)
GIS Objects:	Any file in any format can be imported and launched in their own viewer e.g. images, videos or documents

Outputs

Image Output	Georeferenced Tagged Image File Format - GEOTIFF (.tif)
GIS Output	ESRI Shape File (.shp, .shx, .dbf)
CAD Output:	AutoCAD® DXF™ (.dxf)
Report Output	Microsoft® Excel® Worksheet (.xls); ASCII text (.txt, .csv); Extensible markup (.xml); Webpage Format (.html)
Data File Output	CodaOctopus (.cod); Extended Triton Format (.xtf)

Features

Pipeline specific interpretation types

includes a span height measurement tool and auto calculation of span lengths. Fully configurable 'Forced measures' option to automatically prompt the user to perform measurements when each interpretation is placed. Target Manager and Feature Reconciliation Toolkit are also included

Display interpretation corridor

Overlay Distance Cross Course information with offsets on either side to illustrate the route survey corridor extents

Large choice of output formats

Easy export options for imagery and interpretation. Interpretation can be exported in GIS, CAD, Excel, or user-definable ASCII format with powerful interpretation attribute editor

Powerful Processing Functions

Including TVG, frequency filters, heave compensation, slant range correction etc.

'Objects' feature to assist with interpretation

Import geotechnical and other contextual data to aid interpretation

Fully integrated with other Survey Engine modules (Seismic+, Sidescan+, Mosaic+)

Fuse seismic and sidescan data sets in the same project

Powerful navigation editing

Full navigation editing and smoothing capability

Support for Bathymetry Attributed Grid (BAG) files

Allows depth value of interpretation to be referenced to the BAG file on report generation

No data subsampling compromises

View your data at the full acquisition resolution and beyond for enhanced feature interpretation

Supports very large projects

Import many thousands of line kilometres into a single project

Efficient and intuitive seabed tracking feature

Seabed is tracked effortlessly with powerful seabed tracker. Manual override, duplicate from another channel and smoothing feature all supported

System Requirements

	Minimum	Recommended
Processor	Quad Core -2.0 GHz or faster. 64 bit supported	Quad Core - 2.0 GHz or faster. 64 bit supported
Memory	8 GB	16 GB or more
Hard Disk	2 GB disk free	5 GB disk free
Display	Single Display 1920x1080	Dual Display 1920x1080
OS	Windows 10. 64 bit supported	Windows 10. 64 bit supported
USB Port	1x USB port for security key	1x USB port for security key
Graphics Card	NVIDIA GTX1050 Ti	NVIDIA GTX1050 Ti

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