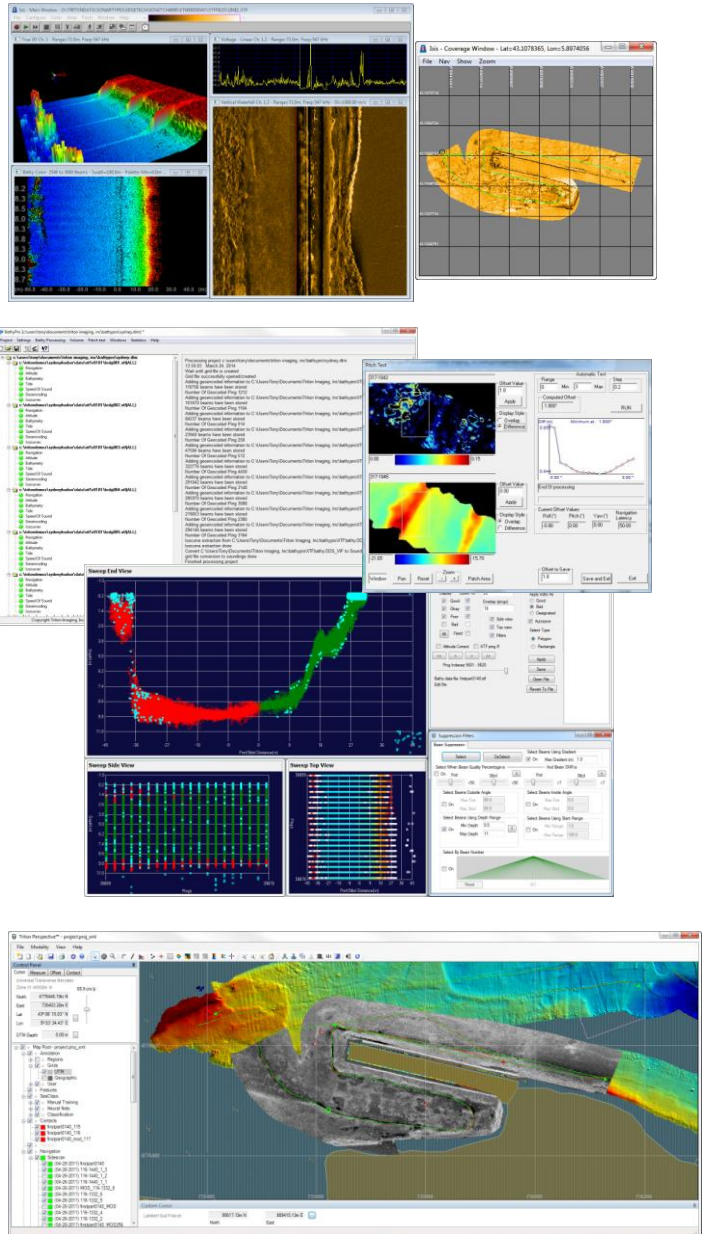


ProcessPro-IFM™

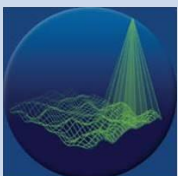
Interferometric Sonar Data Processing

Triton's new ProcessPro-IFM software package for processing sidescan and bathymetry data collected from interferometric sonars is designed for users who prefer the traditional Triton method for processing sidescan and bathymetric data, or for those looking for a simple but powerful processing solution. This processing package includes MosaicPro which utilizes Triton Isis for file playback and creating sidescan mosaics, BathyPro for bathymetry processing, and Perspective Map for viewing the results in a GIS environment. This is Triton's low cost processing solution for interferometric sonars, with everything needed to produce high quality results including the following software modules and capabilities:

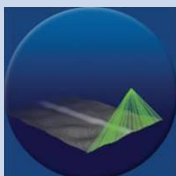
- Isis (playback mode)**
 - Configurable file playback windows
 - Review raw sonar data
 - Includes Isis Explorer for file information
- MosaicPro**
 - Navigation smoothing
 - Apply layback and sensor offsets
 - Heading sensor selection and bias
 - Manual and automated TVG options
 - Bottom tracking tool
 - Export processed data to GeoTiff and/or Triton DDS_VIF formatted files
- BathyPro**
 - Navigation and attitude processing filters
 - Apply Tides, SVP, and Geometry offsets
 - Includes Patch Test Utility
 - Beam suppression filters
 - Generate bathymetry contours
 - Export processed data to XYZ, DXF and/or Triton DDS_VIF formatted files
- Swath Editor**
 - Easy access to all sounding data from double-click on survey lines in Perspective Map display
 - Multiple views of data plus cursor link with map view for enhanced interpretation
 - Select sounding to flag as bad using beam filters or by manual selection
- Perspective Map**
 - Multi-layer, GIS-based display of geo-coded survey data (vector coastlines, GeoTIFF images, contours, ENCs, etc.)
 - Load processed multibeam data as XYZ, DXF, or as Triton DDS-VIF formatted files
 - Cross-section profile tool
 - Custom projection display of cursor



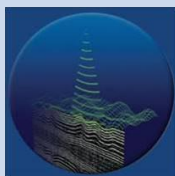
multibeam



sidescan



subbottom



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