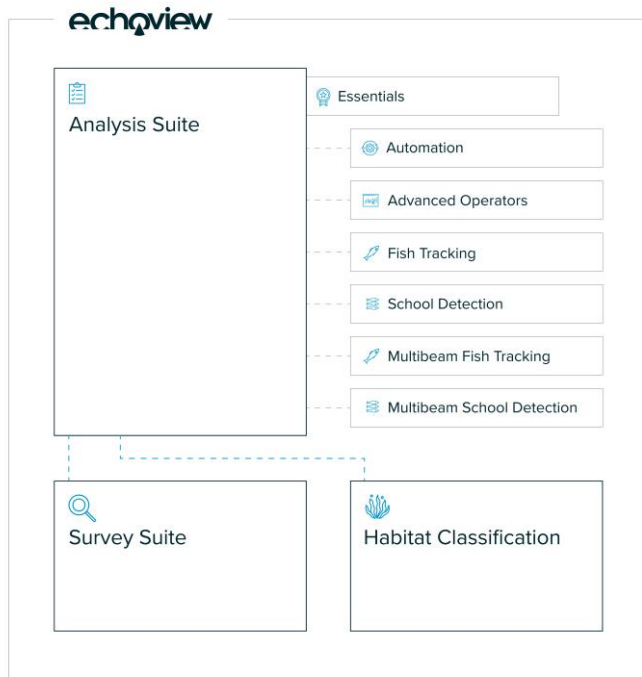# Echoview Modules

Echoview®'s licensing offers access to a wide range of functionality via suites and modules, giving you the flexibility to only license what you need and to add more capability later if required.

Echoview Suites

Choose the most appropriate suite for your project needs:

Habitat Classification: Detect and analyze submerged aquatic vegetation in single- and split-beam data, then export results. Detect, analyze, and classify the bottom substrate in single- and split-beam data for seabed characterization and habitat mapping purposes, then view and export classification results.

Survey Suite: Read data and display echograms from supported systems. Save echograms as image files. Annotate echograms using regions, and export annotation logs. Display and explore echograms, cruise tracks and 3D curtains from existing supported data files, or in real-time from selected Simrad, BioSonics, Sound Metrics and Kongsberg echosounders and sonars. Includes a license for Echoexplore, a tool to catalog and view hydroacoustic data files.

Analysis Suite: For those needing the full power of Echoview and its extensive tools for exploring, processing, and analyzing hydroacoustic data. Includes the Essentials module.

Echoview modules

Essentials

Read and display echograms from supported echosounder and sonar data files. Detect the bottom and surface, and define other reference lines. Create 3D digital terrain models of the seabed and 3D displays of map data. Calculate calibration corrections, perform quality control, conduct analyses on data, and export results for use elsewhere.

Getting more out of Echoview: Additional modules can be added to the Analysis Suite to increase your data processing capabilities:

Automation

Automate data processing using a language of your choice (COM interface supplied).

Advanced Operators

Manipulate your data by creating new echograms from existing ones using advanced operators and algorithms. Compare frequencies, mitigate noise and other unwanted backscatter, classify data, interpret, and apply Python source files, and more.

Fish Tracking

Detect and analyze the tracks of individual fish and other targets in single- and split-beam data. Count fish and examine their behavior over time.

School Detection

Detect and analyze fish schools or bubble aggregations in single- and split-beam data.

Multibeam Fish Tracking

Detect, track, and analyze individual fish targets in data from multibeam systems, including imaging sonars. Fish tracking in data from single- and split-beam systems is included.

Multibeam School Detection

Detect, track, and analyze fish schools or bubble aggregations in data from multibeam systems.

Contact us

For technical assistance or help with the installation of Echoview, please contact support@echoview.com.

For sales assistance relating to your license, MATS or training please contact info@echoview.com.