

# Echoview Modules

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

**Getting started with Echoview:** These modules can be licensed with no pre-requisites.

**Echoview Essentials** Read data and display echograms from supported systems. Detect the bottom and define other reference lines. Create 3D digital terrain models of sea beds and 3D displays of map data. Perform basic quality control and conduct analyses on data then export the results for use elsewhere.

**Live Viewing** Display echograms, cruise tracks and 3D curtains in real time from selected Simrad echosounders.

**Habitat Classification** 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. Export data to QTC IMPACT and EchoIMPACT seabed classification products.

**Getting more out of Echoview:** The Echoview Essentials module must be licensed to purchase any of these.

**Media** Display videos synchronized with echogram data.

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

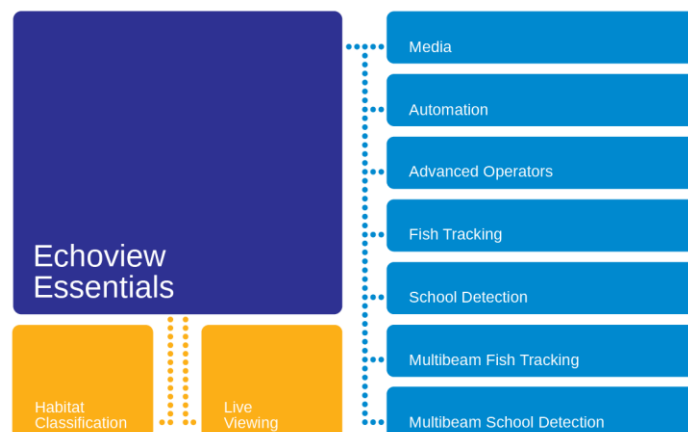
**Advanced Operators** Manipulate your data by creating new echograms from existing ones using advanced operators and algorithms. Compare frequencies, apply quality controls, classify data, and more.

**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.

**School Detection** Detect and analyze fish schools (shoals or aggregations) in single and split beam data.

**Multibeam Fish Tracking** Detect, track and analyze individual fish targets in data from single beam, split beam and multibeam systems, including imaging sonars.

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



Echoview module diagram