



Benefits

- Real-Time 3D and 2D visualisation
- Quickly mark events and targets
- Affordable
- Expert 24x7 Technical Support

Applications

- Vehicle navigation and obstacle avoidance
- Inspection, repair and maintenance (IRM)
- Relative positioning applications e.g touchdown monitoring, trenching, J-Tube cable installations
- Vehicle based subsea construction monitoring, decommissioning and salvage operations

A new generation of affordable, real time 3D software for visualisation, navigation

CodaOctopus® Vantage offers unique on-line capabilities to various subsea operators, such as ROV Pilots or Crane Operators, over conventional and older scanning or multibeam packages.

With a unique quad-view, the ROV operator has a number of user selectable displays from which to navigate the ROV. Designed with ease of use in mind, Vantage software combines the conventional “plan view,” commonly provided by scanning sonars, with three additional and separate real time perspectives of the subsea environment.

Now, Vantage is used simply as an extra view point, provided on its own screen to separate duties from the survey team. CodaOctopus Underwater Survey Explorer (USE) is used on one screen to operate the sonar, take real-time measurements, and collect data. Vantage can then be used solely as a visualization tool, giving non-surveying personnel a simpler, easy-to-understand view of their underwater operation.

Features

- Real time 3D and 2D sonar visualisation in customisable data view
- Easily create and manage events, targets, and measurements
- Quickly save and recall useful sonar settings for any scenario
- Support for receiving data broadcast from other machines
- Fully customisable data views with range, depth, or intensity colour palettes
- Full support for incoming navigation data with advanced format editor
- Broadcast live data to multiple independent stations simultaneously

Features

Real time 3D and 2D data visualisation

Switch between quad, split and individual views of your data

Event Support

Mark and navigate to any point in your project quickly and easily

Target Support

Isolate objects and features with point, sphere and box targets

Full Configurable Workspace

Lay out and save your workspace to match your precise requirements

Customisable Data Views

Decide what elements to show on each view and how it displays data using either Range, Depth, or Intensity colour palettes

Navigation Data Support

Decode incoming navigation with advanced format editor

Broadcast Live Data

Share live data with other Vantage users on your network

System Requirements

Processor	Intel® Core™ 2 DUO at 2.2 GHz or equivalent (Intel® Core™ i7 recommended)
Memory	2 GB (4 GB for 64 bit systems)
Disk Space	100 MB for installation (approximately 2GB/hour for data recording at maximum rate)
Graphics	Discreet nVidia® GTX460 (Desktop) / nVidia® GTX580M (Mobile) or equivalent
Operating System	Microsoft® Windows® 7 SP1 / Microsoft® Windows® 8
Ports and I/O	Available USB 2.0 port Available 100Mbps Ethernet Port (additional port required for data broadcast) (Additional Serial and/or Ethernet ports may be required to receive navigation data)

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