

PORT-LOG

Quick and easy management and publishing of environmental data

KEY BENEFITS

- Cost-effective, quick and easy to use
- Instrument and transmission independent
- View real-time data or historical data
- Customisable
- Available as an online subscription OR installed system



Port-Log is a quick and easy storage and publishing solution for environmental data acquired by different monitoring techniques and sensors. It can be provided as pure cloud-based subscription service, or as an in-house installed system. Flexible, configurable and with proven reliability, **Port-Log** is totally instrument and transmission independent and hence can be deployed to suit almost any application and environment.

Use for:

- ✓ Tide
- ✓ Wind / Weather
- ✓ Air quality
- ✓ Acoustic profiles
- ✓ Water quality / Turbidity
- ✓ Waves / Swell
- ✓ Other oceanographic data

Applications:

- ✓ VTS and port operations
- ✓ Dredging and surveying
- ✓ Maritime pilotage
- ✓ AIS transmissions
- ✓ Marine and coastal management
- ✓ Inland waterways
- ✓ Research and analysis
- ✓ Dock / Lock operations

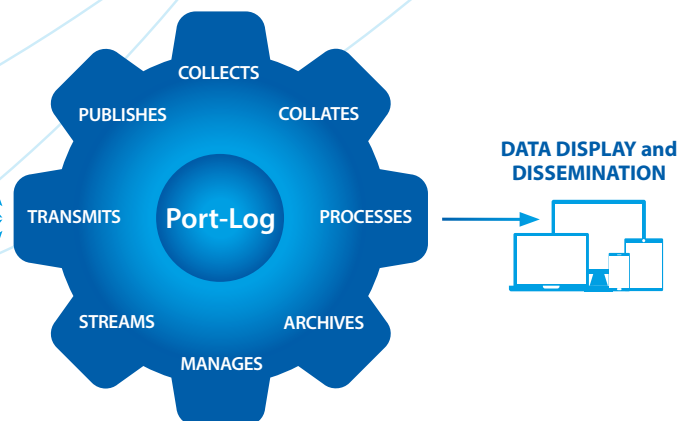
Why choose Port-Log?

- ✓ Quickly access your data
- ✓ Make fast informed decisions
- ✓ Be 100% sure that your data is accurate and up-to-date
- ✓ Share your data to those who need it, when they need it
- ✓ Ensure your data is reliable, managed, stored and archived
- ✓ Unlock the potential of your data with Port-Log

*“If we didn't have **Port-Log** we wouldn't be able to operate, it's that simple...”*

N Rowsell, VTS Manager, ABP.

DATA INPUT



See our case studies at: www.oceanwise.eu/customer-case-studies

PORT-LOG FEATURE MATRIX

	PORT-LOG HUB	PORT-LOG SITES	PORT-LOG HUB HIRE		PORT-LOG DEDICATED SERVER	PORT-LOG CONNECT			PORT-LOG EXTENSIONS		
			SET UP	SITES		STREAM	RECEIVER	RELAY	ADVANCED WAVES	PROFILER	ENHANCED BASE MAP
Description	A central resource to which Port-Log Sites are added. Includes a personalised URL, database, Extract, Transform and Load (ETL) services and standard web pages.	Multiple Sites are added to Port-Log Hub. A Site is classed as a single sensor or a group of sensors sending data in a single data stream.	The creation of a temporary Port-Log Hub on a shared server, which is then hired on a daily basis.	Multiple Sites are added to the temporary Port-Log Hub.	An OceanWise hosted server allocated to a single customer. Supports customised displays, Port-Log Connect and other extensions.	Connect Stream enables external devices or systems to access data on Port-Log using industry standard protocols.	Connect Receiver is client software that allows data to be accessed by devices and systems that cannot use Connect Stream.	Connect Relay extracts data from Port-Log and sends it to an external web address. From here it is available to users (with access rights).	A Port-Log extension which processes and displays spectral wave data, including directional data, as well as basic wave parameters.	A Port-Log extension which displays profiled datasets, including current speed and direction from Acoustic Doppler Profilers.	An upgrade to the standard Port-Log base map to a more detailed, appropriate or personalised dataset. Options include: Raster Charts XL and Marine Themes.
Used for	Capturing, managing, sharing and publishing real-time and historical environmental monitoring data, including: tide, weather, air and water quality data, waves and currents.	Capturing, managing, sharing and publishing real-time environmental monitoring data during temporary sensor deployments e.g. to support short-term survey work.	Capturing, managing, sharing and publishing real-time environmental monitoring data during temporary sensor deployments e.g. to support short-term survey work.	Supporting one or more Port-Log Hubs with a dedicated resource. Dedicated Server is required for customised displays and Port-Log Connect.	Streaming data outside of Port-Log. net, so that it can be used in external systems and applications, and by third-party software.	Sharing data with those users that do not have the software or ability to connect to Connect Stream.	Sending data to permitted third-parties outside of your organisation who wish to use, digest or embed your data.	Viewing, storing, displaying, analysing and disseminating wave data, including spectral and directional data.	Viewing, storing, displaying and disseminating all types of profile data including ADP data.	Enhancing the standard Port-Log base map for improved situation awareness and to add other datasets.	
Applications	Vessel Traffic Services (VTS) and other port and maritime operations. Maritime pilotage, hydrographic surveying and dredging. Maritime safety, engineering design and operational planning, marine licensing and regulation. Weather and ocean forecasting.	Short term projects and survey work, such as during installation, recovery and salvage operations, or for validating and calibrating numerical models and more permanent installations.	Short term projects and survey work, such as during installation, recovery and salvage operations, or for validating and calibrating numerical models and more permanent installations.	Managing multiple Port-Log Hubs and/or Sites across a large sensor network or where a customer specific resource is desired or stipulated.	Immediate and remote access to real-time and historic data for use in portable pilot units (PPUs), maritime safety and surveillance systems.	Send data to anyone that cannot connect to Port-Log Stream i.e. remote devices and displays on dredgers and survey vessels.	Third-parties and external recipients. i.e. weather forecast providers.	Pilot boarding, berthing and maintenance operations, site and safety assessment, ocean forecasting, wave research, wave model calibration and validation.	Profile data display, analysis and reporting, site assessment and investigations.	Situation awareness, improved decision making, site assessment, asset tracking and management.	
Requires	N/A	Port-Log Hub	N/A	Port-Log Hub	N/A	Port-Log Hub, Port-Log Site(s), Dedicated Server.	Port-Log Hub, Port-Log Site(s), RTU i.e. ip.buffer or similar device.	Port-Log Hub, Port-Log Site(s).	Port-Log Hub, Port-Log Site(s).	Port-Log Hub, Port-Log Site(s), Dedicated Server.	