

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 / Currents
- ✓ 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

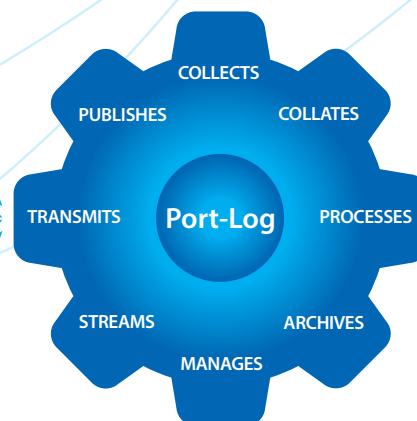
Why choose Port-Log?

- ✓ 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



DATA DISPLAY and DISSEMINATION



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

PORT-LOG FEATURE MATRIX

	PORT-LOG HUB	PORT-LOG SENSORS	PORT-LOG HUB HIRE		PORT-LOG DEDICATED SERVER	PORT-LOG CONNECT		PORT-LOG EXTENSIONS			
			SET UP	SENSORS		STREAM	RELAY	ADVANCED WAVES	PROFILER	ENHANCED BASE MAP	FORECASTING
Description	A central resource to which Port-Log Sensors are added. Includes a personalised URL, database, Extract, Transform and Load (ETL) services and standard web pages.	Multiple Sensors added to Port-Log Hub.	The creation of a temporary Port-Log Hub on a shared server, which is then hired on a daily basis.	Multiple Sensors are added to the temporary Port-Log Hub.	An OceanWise hosted server allocated to a single customer. Supports customised displays, Port-Log Connect, Stream, and other extensions.	Connect Stream enables external devices or systems to access data on Port-Log using industry standard protocols.	Connect Relay extracts data from Port-Log and sends it to an external location at regular timed intervals.	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 DEM.	A Port-Log Extension which allows you to bring together your real-time environmental data, tidal predictions AND marine wave and weather forecasts in one place.
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.		Supporting one or more Port-Log Hubs with a dedicated resource. Dedicated Server is required for customised displays and Port-Log Connect / Stream.	Streaming data outside of Port-Log.net, so that it can be used in external systems and applications, and by third-party software.	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.	Viewing, storing, displaying and disseminating tidal predictions, wave and weather forecast data alongside your other environmental data.
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.		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, dredging, survey and surveillance systems.	Third-parties and external recipients. i.e weather forecast providers, dynamic under keel clearance.	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.	Vessel Traffic Services (VTS) and other port and marine operations. Maritime safety, weather and ocean forecasting, marine planning, renewables, marine pilotage.
Requires	N/A.	Port-Log Hub.	N/A.	Port-Log Hub Hire.	N/A.	Port-Log Hub, Port-Log Sensor(s), Dedicated Server.	Port-Log Hub, Port-Log Sensor(s). Relay is available on a shared server.	Port-Log Hub, Port-Log Sensor(s).	Port-Log Hub, Port-Log Sensor(s).	Port-Log Hub, Port-Log Sensor(s), Dedicated Server.	Port-Log Hub, Port-Log Sensor(s), Forecast Provider (such as Windy or StormGeo etc).