

PORT-LOG SHARING SERVICES

PORT-LOG CONNECT			
	STREAM	RELAY	API
Description	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.	Port-Log API allows external systems to access and retrieve Port-Log data on demand via standard web requests, enabling flexible integration with third-party applications and platforms.
Used for	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.	Accessing and extracting data from Port-Log for use in external systems, applications and workflows, supporting integration, automation and decision-making.
Applications	Immediate and remote access to real-time 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.	Integration of Port-Log data into dashboards, business systems, analytics platforms and decision-support tools, enabling automated workflows, reporting, and custom application development.
Requires	Port-Log Hub, Port-Log Sensor(s)	Port-Log Hub, Port-Log Sensor(s). Relay is available on a shared server.	Port-Log Hub, Port-Log Sensor(s), An external system or application capable of making HTTP requests (API calls), appropriate authentication/credentials.
Data Frequency	Constant Data Stream	Data sent at timed intervals.	API calls are made at intervals determined by client.
Compatible Data Formats	Industry standard NMEA messages for AIS and env data	JSON, PXF, CSV, XML	JSON (industry standard format for API data exchange).
Recipient Communication Protocols	TCP	FTP, HTTP, SFTP, FTPS, HTTPS	HTTPS

