

# OceanWise Improves Integration of Environmental Data Solution ~Port-Log™



OceanWise's latest development [Port-Log](#), the storage and publishing solution for environmental data, has been developed to be an addition of an Application Programming Interface (API). The API allows customers to gain control over how Port-Log is used in their organisation, maximising the benefits of the data and providing a way for customers to integrate data into their own processes and workflows and support their specific business needs.

An API can allow programs to communicate with each other by metaphorically 'opening the door' on one application and allowing another to interact with it.

As connectivity becomes more and more important and the volume and complexity of data increases, businesses are seeking applications and systems that can 'talk to each other' to provide integrated solutions. Avoiding 'data silos' (a repository of fixed data that is isolated from other applications or departments) and allowing systems to connect can lead to many benefits including improved clarity and flexibility as well as savings in time, resources and money.

## Environmental data

Connectivity is particularly important for real-time environmental data, as this data is often essential for operational decision making. When timing and safety are critical - you need your environmental data easily accessible, in one place, up to date and in the right format.

## Integration into existing systems

The new Port-Log API provides data in response to HTTP requests and in doing so can be accessed with virtually any programming language, thus making it easily integrated into existing systems.

OceanWise's vision is to "help organisations with interests in the marine and coastal environment to realise the benefits that a modern approach to data management and decision support can bring". They want to do this by providing end to end solutions for all environmental monitoring requirements, be it a single sensor or a complex multi-faceted integrated system.