

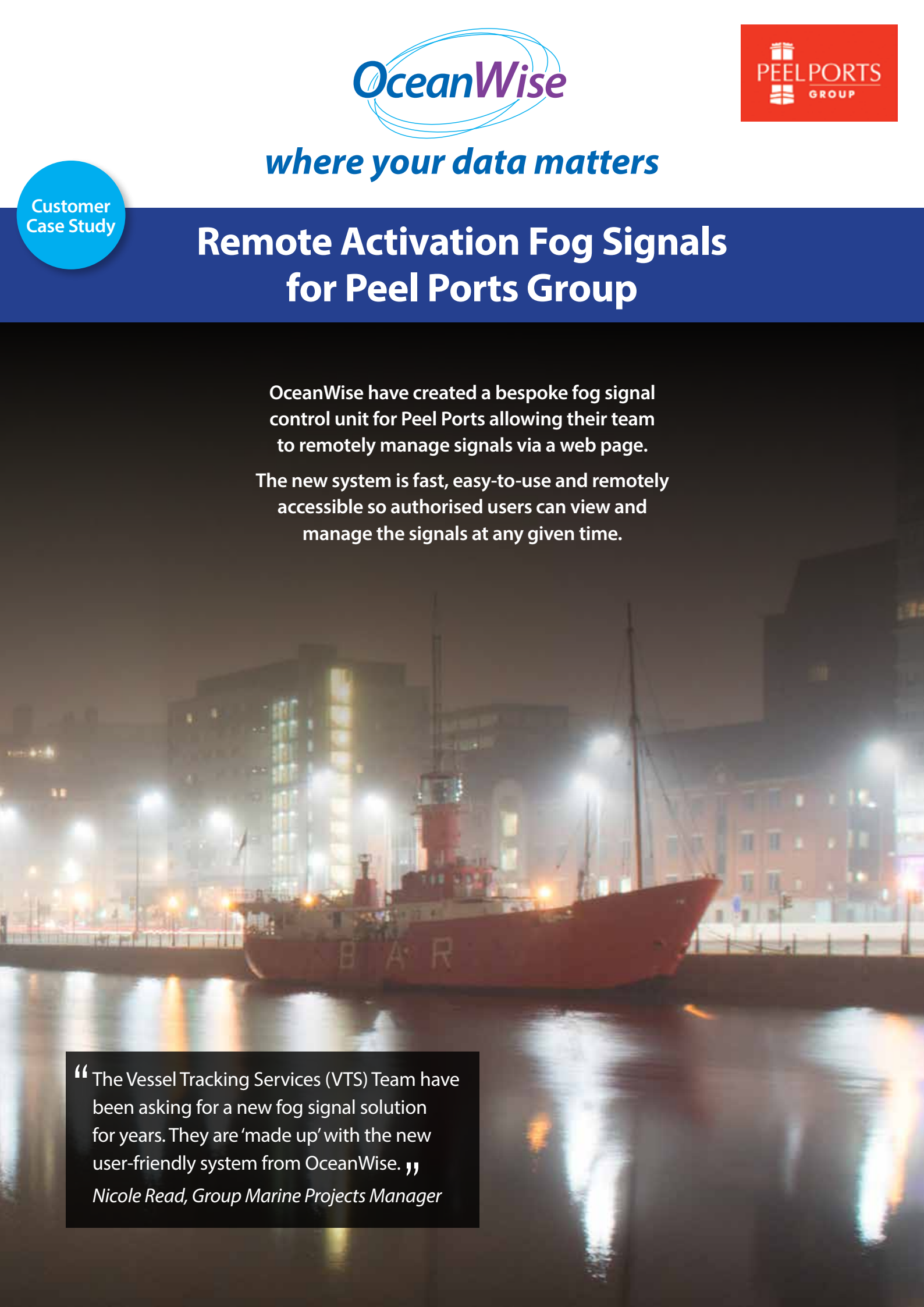
where your data matters

Customer
Case Study

Remote Activation Fog Signals for Peel Ports Group

OceanWise have created a bespoke fog signal control unit for Peel Ports allowing their team to remotely manage signals via a web page.

The new system is fast, easy-to-use and remotely accessible so authorised users can view and manage the signals at any given time.

A night-time photograph of a red tugboat named "BEAR" docked in a harbor. The scene is illuminated by city lights and the ship's own lights, with reflections on the water. The background shows modern buildings and a bridge.

“ The Vessel Tracking Services (VTS) Team have been asking for a new fog signal solution for years. They are ‘made up’ with the new user-friendly system from OceanWise. ”
Nicole Read, Group Marine Projects Manager

Developing a remote fog signal activation solution



A fog signal in a port is a sound signal which is activated during periods of restricted visibility in the port area. The signals alert port users to the low visibility, which may be localised and allow a user to orientate themselves based on the sound. They are an essential safety and collision prevention infrastructure that ports have in place to protect port users.

OceanWise and the Peel Ports Group have a long-standing working relationship. OceanWise have been delivering a range of essential marine monitoring products and services to Peel Ports since 2013.

Peel Ports asked OceanWise to come up with a solution to a historic problem they had with their fog signal management, as other previous attempts had not been successful.

We have been developing solutions for ports for over 10 years and pride ourselves on our ability to listen and act flexibly to the needs of each and every customer.

From our off-the-shelf data platform and range of software solutions, all are designed to make operational tasks quicker, easier, safer and more efficient.

The Solution

Using our in-house marine engineering team we were able to customise the OceanWise Wisebox unit to enable control of the fog signals. This connects to our existing data platform Port-Log which allows remote control of the signals via a simple web page from Port Control.

As with all the OceanWise solutions, the system is agnostic so it can handle data exchange with all varieties, ages and brands of any electronic fog signal. A single operator can now manage the signals easily, in real-time, without the need for external or third-party involvement. A user (or users) can see the status of each signal instantly and remotely turn them on and off when needed.

The new system is more resilient, more efficient and less time consuming. Not only that it is also equipped with an extra function which alerts users to any issues – thus enabling the Peel Ports team to detect issues quickly, plan in any maintenance required and warn operators that there may be an issue with the signal.

If you have a requirement for fog signal controls or another challenge that you'd like our help with, please contact us today.