



MARINE
AWARE OPERATIONS

PRODUCT SHEET

Pioneering oil spill modelling support to enhance your performance

OVERVIEW

MarineAware Operations is a **fresh look** at modelling support for wreck removal, salvage, and other situations where there is an ongoing threat of an oil spill.

With growing concerns about our marine environment, authorities are increasingly making detailed and accurate modelling production around the threat of oil spills a mandatory requirement for their contracts. Historically, this has made it difficult for operators without their own modelling capabilities to compete, but MarineAware Operations makes reliable modelling **available to all**.

Key to the success of MarineAware Operations is its ease-of-use. The **simplicity** of its design and user interface removes the need for a dedicated modelling team, or on-call support. Results are **always available**. There is no wait time for data and no risk that results will not be available when you most need them. Confidently **impress your customers** and stakeholders with detailed and timely reports. MarineAware Operations sets a new standard in providing oil spill modelling that is fast, flexible, and simple to use.

FEATURES

Fully automated oil spill modelling system – no modelling expertise or data sourcing required

Predicted outcomes of potential incidents available up to 48 hours ahead of time to inform contingency planning

Ability to simulate a range of complex scenarios such as moving vessels, varying release rates and in-situ booms

Dynamic, fully developed capabilities enhanced by frequent updates and new features

BENEFITS

Win more contracts by supporting oil spill modelling requirements without the need for a dedicated modelling team

Save time and work more efficiently by utilising the modern user interface to quickly find and share the results that matter

Improve safety and preparedness with enhanced situational awareness

HOW IT WORKS

MarineAware Operations **automatically** produces oil spill trajectory predictions for the current and following day of outcomes to support **contingency strategy** planning. Riskaware will work with you to create scenarios that accurately replicate the potential oil spills which could occur. Results are then produced daily with all data sourcing and configuration handled by the system, so your team are **free to focus** on their work.

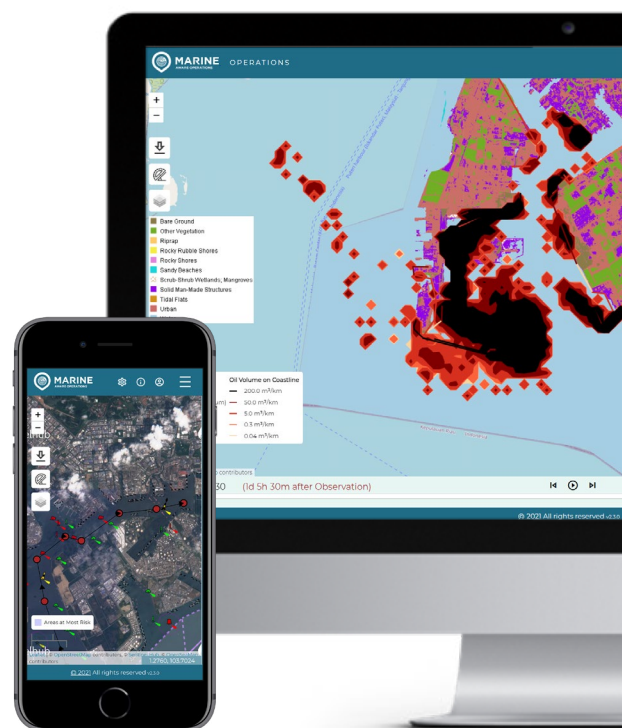
The outputs which the model produces are available 24/7 through the smart MarineAware Operations user interface. This is accessible through all modern browsers and mobile devices for easy integration with your operations.

View the results that matter in a **modern and responsive** interface and **quickly share** them with your project's stakeholders. To support the modelling output, a range of other datasets are also available, such as regular optical and radar satellite imagery, and environmental sensitivity index map layers for the surrounding coastlines. Combining modelling with this additional data gives this tool **unparalleled situational awareness**.

CREDENTIALS

Organisations **across the world** rely on MarineAware Operations' modelling capabilities to provide them with vital modelling support. This includes a high-profile study conducted on behalf of the UK Government's Foreign, Commonwealth & Development Office (FCDO) to assess the risks posed by the **FSO Safer**, a deteriorating fuel storage vessel in the Red Sea.

MarineAware Operations has been **independently validated** by the UK's Science and Technology Facilities Council (STFC).



ABOUT RISKWARE

Riskaware is a leading incident modelling solutions provider. With over 20 years' experience working with global government departments and science-led R&D partners, we deliver actionable insight on environmental, human and security challenges worldwide. Our scalable incident modelling platform solutions offer superior situational awareness and critical decision support to government and commercial organisations.

For more information or to discuss how we can work together, please contact us on:

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