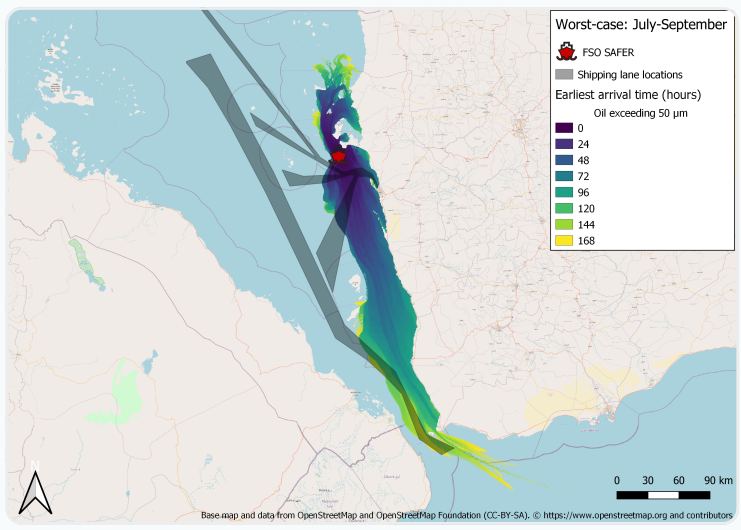
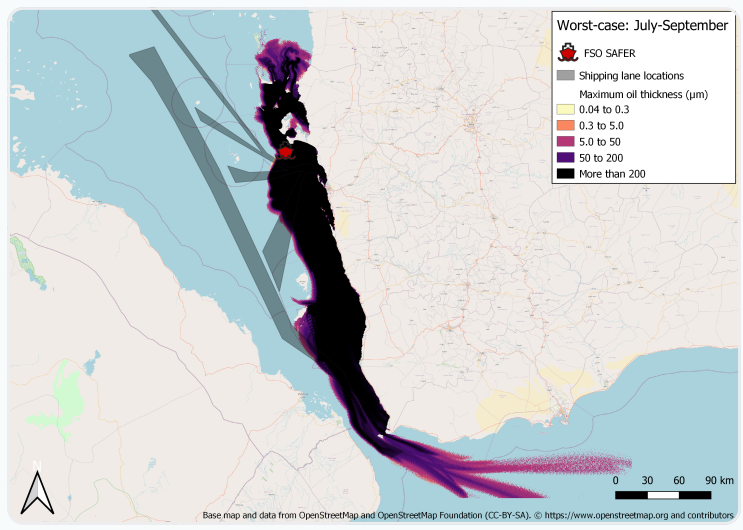
MarineAware Operations | Scheduled oil spill modelling for known risks

Powered by RISKAWARE

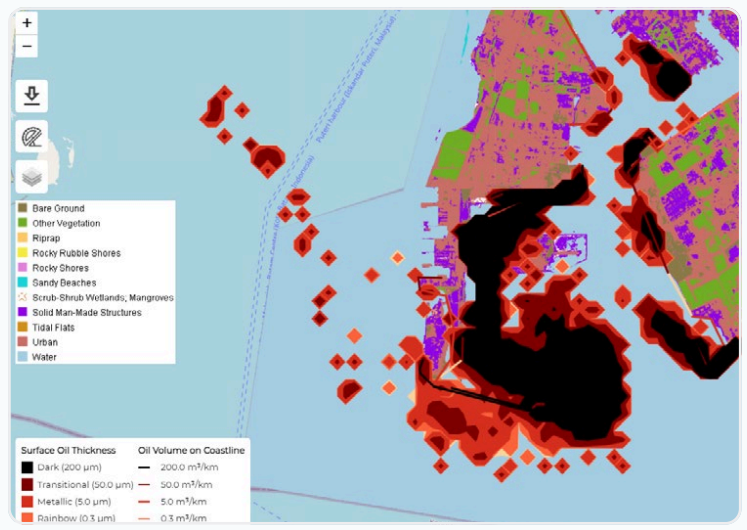
PRODUCT SCREENSHOTS



Earliest oil arrival time



Maximum surface oil thickness



Predicted shoreline oiling and environmental sensitivity

Pioneering oil spill modelling support to enhance your performance.

Key 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

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Product 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.

How it works

MarineAware Operations automatically produces oil spill trajectory predictions for the current and following day of outcomes to support contingency strategy planning. We 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 a clear, single-source picture of the situation.

Credentials

Organisations across the world rely on MarineAware Operations for vital oil spill 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. The MarineAware oil spill dispersion model has been independently validated by the UK's Science and Technology Facilities Council (STFC) at their Hartree Centre.

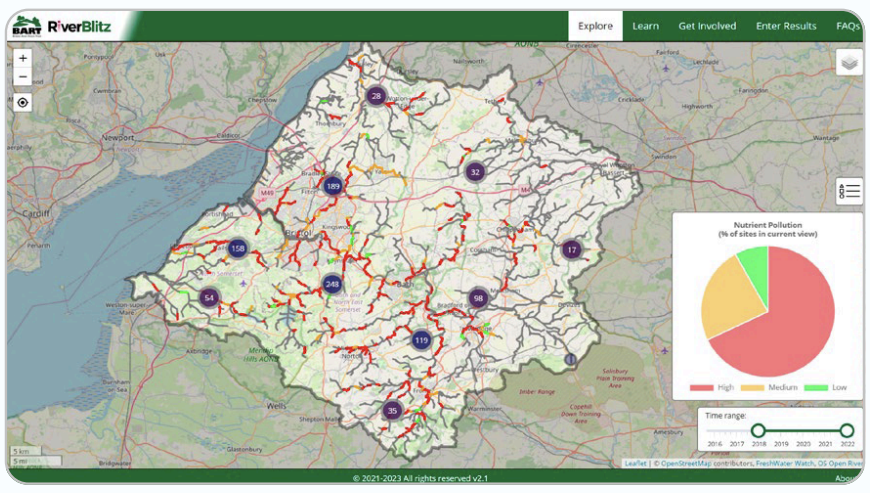
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Related products



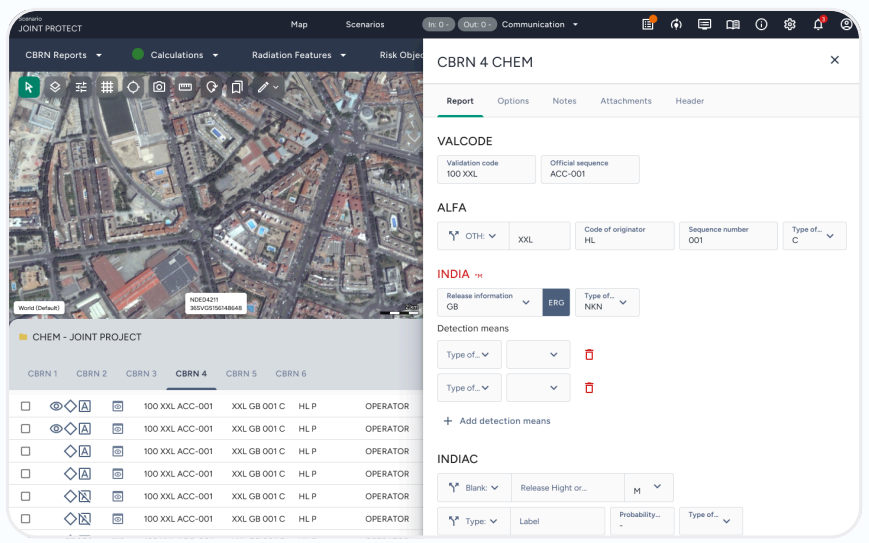
UrbanAware

- Optimise real-time decision making with superior situational awareness. UrbanAware is a next-generation CBRN Information Management (IM) tool for the military, first responders, and local government.
- Its aim is to provide lifesaving situational awareness and decision support in the context of urban CBRN and HazMat incidents, helping stakeholders to develop more effective response processes.



Congregate

- Congregate is the all-in-one platform for running environmental crowdsourcing projects.
- As the challenges facing our environment continue to grow, more people are looking for ways to drive distinct change. Crowdsourcing and citizen science is a great way in which they can be part of the solution.
- Congregate allows you to effectively coordinate projects, manage data collection teams, and explore results with industry-leading visualisation tools.



CBRN-Analysis NG

- CBRN-Analysis is an advanced, off-the-shelf software-based CBRN Knowledge Management Application that includes Hazard Prediction and Warning and Reporting.
- Configurable and modular, it provides commanders with rapid and accurate information to increase their CBRN situational awareness within an area where CBRN materials may be used.
- CBRN-Analysis effectively supports and enhances risk-management in all phases of an operation, both in the planning and pre-deployment phase, in-theatre and in the post-conflict or recovery phase.

More information can be found at: www.bruhn-newtech.com.

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