



INFORMATION SHEET

Actionable Intelligence. Empowering incident response with advanced situational awareness and decision support.

OVERVIEW

Riskaware is a leading incident modelling organisation with more than 20 years' experience providing critical decision support to global governments, as well as commercial organisations, environmental charities, and working alongside science-led R&D partners.

We excel at engineering robust, scalable solutions as well as delivering specialised, bespoke consultancy services. We harness large-scale data and advanced technologies to deliver actionable intelligence and situational awareness to help organisations solve complex human, environmental and security challenges worldwide.

OUR CAPABILITIES

Our team has a diverse range of expertise, giving us the ability to work across domains in CBRNE, Urban Security, Marine Protection, Cyber Security, Space Asset Defence and Health. At the heart of our work is a handful of high-level capability areas that feed into everything we do.



AI & MACHINE
LEARNING



DATA FUSION
& STATISTICAL
MODELLING



DATA SCIENCE
& VISUAL
ANALYTICS



GEOSPATIAL
SERVICES



MODELLING &
SIMULATION

OUR WORK

CBRNE & URBAN MODELLING

Riskaware has a robust history offering CBRNE defence consultancy services to develop cutting-edge technologies. Our expertise covers a broad range of services, including but not exclusive to:

- Intelligence for optimal sensor placement, hazard type and source estimation
- Hazard dispersion and behavioural modelling
- Mapping human health effects and the effectiveness of safety solutions

CYBER SECURITY

Our expert cyber threat intelligence consultancy helps governments and organisations defend infrastructures and mission critical assets against cyber attack. Services include:

- Attack modelling for network and mission threat mitigation
- In-depth cyber risk assessments & vulnerability investigations
- Cyber attack prediction and optimal cyber defence identification, and more

DISEASE MODELLING

We provide disease modelling consultancy and intelligence for wearable technologies to safeguard lives and develop response & prevention planning. Services include:

- Disease prediction, monitoring and mitigation
- Disease model development and combining multi-disease models for advanced analysis
- Parameter optimisation for outbreak analysis
- Data and visual analytics for wearable device insights

MARINE & ENVIRONMENTAL PROTECTION

Riskaware offer advanced oil spill modelling support for marine environmental protection. Our services cover the full lifecycle of an oil spill incident, including:

- Pre-emptive risk assessments to prepare effective response strategies
- Consultancy support for organisations during real-time response for ongoing incidents
- Source estimation of unreported oil spills at sea
- Automated monitoring of specific marine areas

INCIDENT MODELLING SOLUTIONS

Our deep and rich history of offering tailored consultancy services within these varied domains has facilitated the development of a series of incident modelling products, which leverage our accumulated expertise.

- **UrbanAware** - The next-generation CBRNE/HazMat information system, for the military, urban security and incident response
- **MarineAware** - The end-to-end oil spill modelling solution for the protection of marine life and vulnerable coastlines
- **CyberAware** - The cyber incident modelling capability to provide critical cyber attack analysis and proactive cyber risk assessment
- **BioAware** - A set of disease modelling capabilities for early outbreak detection and mitigation planning
- **SpaceAware** - The space asset modelling system to visualise downstream effects of asset degradation and impact to inform mission and organisational resilience

GET IN TOUCH

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