

# OPTIMISE REAL-TIME DECISION MAKING WITH SUPERIOR SITUATIONAL AWARENESS

## OVERVIEW

UrbanAware is a next-generation CBRNe Information Management tool for emergency responders, local authorities, commercial and industrial operators, and the defence community.

Its aim is to provide lifesaving situational awareness and decision support in the context of CBRNe and HazMat incidents - both ongoing and hypothetical. This helps users to plan and action more impactful incident response strategies and more effective emergency planning.

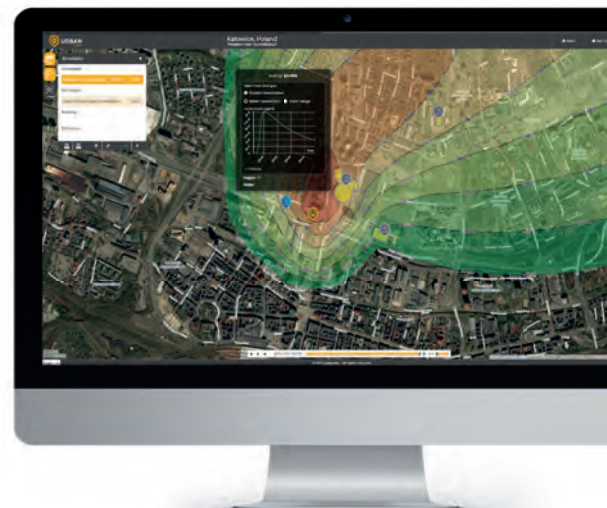
UrbanAware provides users with advanced incident modelling, information fusion and hazard forecasting capabilities to optimise decision making processes. The system is designed for effective information sharing, resulting in more integrated and optimised strategies for incident response.

UrbanAware is also highly applicable to the commercial sector - particularly for organisations concerned with risk management or insurance. With access to this system, organisations can better understand risks and plan mitigation strategies for their business population.

## CREDENTIALS

UrbanAware is powered by the HASP Suite - a comprehensive modelling toolset designed to provide accurate and timely CBRN hazard intelligence. The HASP Suite has been developed by the Defence Science and Technology Laboratory (Dstl), in conjunction with Riskaware and licensed through Ploughshare Innovations.

UrbanAware represents the first time in which these capabilities are available for use by a wider user community. By providing users with trusted, effective, and accessible tools, the platform significantly improves situational awareness for better response, planning, and mitigation strategies.



## FEATURES

UrbanAware offers a flexible deployment strategy, leveraging the latest developments in cloud computing and Modelling and Simulation as a Service (MSaaS). It is capable of ingesting, processing and displaying a wide range of data feeds including space-based data to provide automated acquisition, integration and updates for these feeds.

- Underpinned by Dstl's HASP Suite CBRN hazard modelling capabilities
- Incident management tools to aid response planning
- Indoor and outdoor dispersion forecasting
- Key asset identification and tracking
- Evacuation route planning
- Dynamic population density for accurate casualty estimates
- High-resolution satellite imagery to improve situational awareness



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## BENEFITS

- Flexible and cost-effective subscriptions to fit specific user needs
- Secure cloud hosting and local installation options
- Unparalleled decision support on both desktop and mobile apps
- Interoperability with existing GIS systems, external contaminant detection systems and health monitoring systems
- Enhanced collaboration between key stakeholders
- Rapid deployment with near global coverage
- Seamless delivery and deployment

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.