ALERT iResponse™ Emergency Management Solutions Software sets the standard for site risk analysis, pre-incident emergency response planning, training simulations and emergency response management.

Intuitive by design, ALERT iResponse™ enables the user to perform hazard assessments and modeling simulations encompassing a broad range of realistic scenarios.

ALERT iResponse™ Emergency Management Solutions Software encompasses a comprehensive series of 'Decision Support Tools', which complement the software systems modeling and simulations capability, immediately providing the user with critical support information in which to base emergency response decisions.

Understanding Risks and Interaction of Complex Scenarios
Through provision of a map view of the asset and its resources and support infrastracture, ALERT iResponse™ enables the user to visualize an incident and the most effective procedures for mitigation of the event. Integrated decision support tools provide the user with calculations such as:
• Thermal Radiation
• Atmospheric Dispersion
• Overpressure
• Foam Requirements
• Bund / Dyke Volumes
• Hose Runs

These tools enable the user to model the immediate and potential escalated magnitude of an incident, calculating total risk and providing a forum to identify the resources required to be deployed.

ALERT DISASTER CONTROL
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Multi-Source Modeling

ALERT iResponse™ has the ability to model multi-source scenarios providing cumulative radiation impact for multi-tank or bund / dyke emergency scenarios. In addition to meeting continually expanding regulatory authority requirements governing product stewardship and emergency response planning, ALERT iResponse™ provides the user with the ability to perform a gap analysis of the response inventory, which would be required to tackle a credible multi-source scenario.

Critical Response Asset Data Compilation

ALERT iResponse™ allows incident management and responders to collate and store critical response data, inclusive of the location of all supporting site resources, example: (master isolation valves, activation controls for fixed fire protection systems, firefighting pumps, fire mains, foam stores, hydrants, monitors / nozzles, deluge systems, site drainage, toxic refuges and supporting mutual aid resources).

Pre-Incident Emergency Response Planning

ALERT iResponse™ offers an effective means for assessment of risks within a facility and development of practical response processes, which capture potential scenarios within immediately retrievable pre-incident emergency response plans.

Emergency Drills and Exercises

ALERT iResponse™ further supports the user through use of modeling simulations as a comprehensive awareness and progressive training tool for highlighting risks within the facility and the duties and responsibilites and expectations of the facilities incident command structure and response teams.

Emergency Response

As a core element, ALERT iResponse™ Emergency Management Solutions Software is designed for use within incident command and control centers, command vehicles, ship's bridge and firefighting pumpers.

ALERT iResponse™ provides incident commanders and on-scene emergency response personnel with immediate access to pre-incident emergency response plans, dynamic decision support tools, and modeling simulations for implementation of systematic procedures for deployment of resources and mitigation of an incident competently.

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ALERT maintain an Integrated QHSSE Management System to ISO 9001, ISO 14001 and OHSAS 18001 Standards as Certified by Det Norske Veritas