IAMDispersion

FROM
£4k
(exc VAT)
SEE BELOW

Dispersion allows emergency planners, emergency responders and SHE/HSE managers to quickly model chemical gas releases in the atmosphere, such as liquid pool/spill evaporation and gas release from (1) a continuous pressure source and (2) instantaneous mechanical failure, on top of Google Earth to determine impact on site personnel and surrounding population centres.

Dispersion provides you with the ability to perform your own chemical release modelling and analysis, enabling you to visualise your worst credible industrial chemical release sources, in context, over satellite imagery of your assets and the surrounding area and population centres.

Release Types;

• Chemical liquid pool/spill evaporation into gas
• Chemical release from a continuous pressure source
• Chemical release from instantaneous pressure vessel/pressure system failure

Within seconds, find your assets' location on Google Maps and determine:

1. The toxicity contours at ground level to understand the impact on your onsite personnel and surrounding population centres.
2. The upper and explosive limits of the cloud formed by the release of chemicals into the atmosphere.

		Pair with IAMThermal from		
Single User License	£4k		£6k (single)	
Site License	£8k		£12k (site)	

IAMDispersion
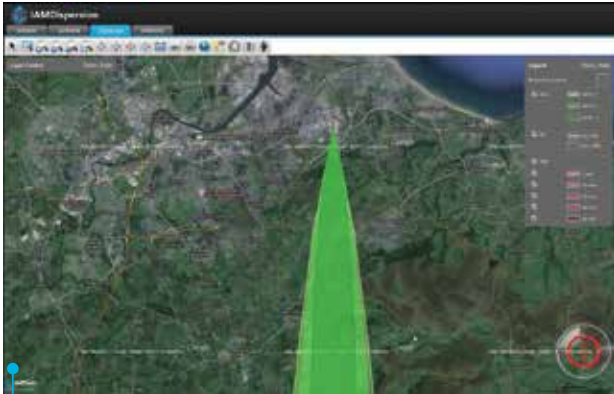
Dispersion allows you to perform your own chemical release modelling and analysis - enabling you to visualise your worst credible industrial chemical release sources, in context, over satellite imagery of your asset and the surrounding area and population centres.

Collate and store locations of any key site features, such as hydrants, master isolation values, activation controls for fixed fire systems, toxic refuges and site drains.

Understand the impact of chemical release on your personnel, assets and surrounding population centres

By providing a Google Maps view of your assets' location and chemical release source, Dispersion enables the user to visualise how an industrial chemical release disperses in the atmosphere.

Dispersion supports emergency response or planning situations, where the goal is to assess the threat posed to plant personnel and the general public by a chemical release.

Supports Emergency Management

Dispersion is designed to be accessed in incident control rooms, emergency control centres, fire engines and command vehicles. It provides decision makers and response personnel with key atmospheric event release decision support information.

Location of Key Site Features

Dispersion allows responders to collate and store the locations of any key site features, such as hydrants, master isolation valves, activation controls for fixed fire systems, toxic refuges and site drains. There is no limit to how many customer-specific icons can be added to the standard library of NFPA symbols.

⭐ Key Benefits of Dispersion

Easy Scenario Creation

Input your environmental conditions in 30 seconds, then build your chemical release scenario in a further 30 seconds – in no more than a minute you will have calculated the impact of industrial chemical release on plant personnel and surrounding population centres.

Predict and Measure Risk

Accurately measure the impact, over Google Earth, of gas dispersion on surrounding personnel and plant equipment to determine where to apply cooling water to prevent escalation.

Calculate Risk

Unlike paper-based pre-plans and fire plans, Dispersion enables the user to quickly determine their risk and instantly modify the input variables, such as wind speed, direction and source chemical product.

👍 Compatible with

Do you need both IAMDispersion and IAMThermal & more emergency management features?

You need Alert iResponse! For more information about Alert iResponse, please visit the Alert website at **www.alert-iresponse.com**