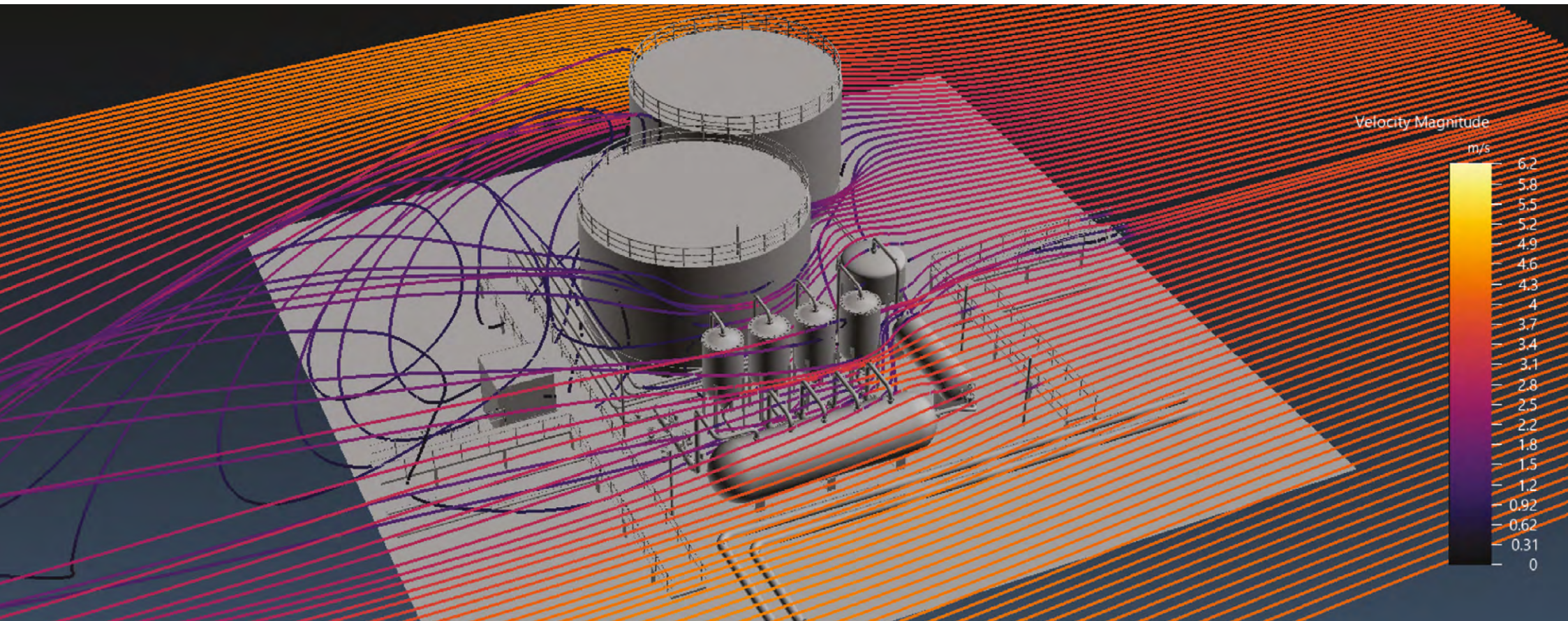


FLAME AND GAS MAPPING

PROTECTING YOUR WORKFORCE AND INVESTMENTS





PROTECT YOUR WORKFORCE AND BUSINESS'S SUCCESS.

DRÄGER'S FLAME AND GAS MAPPING

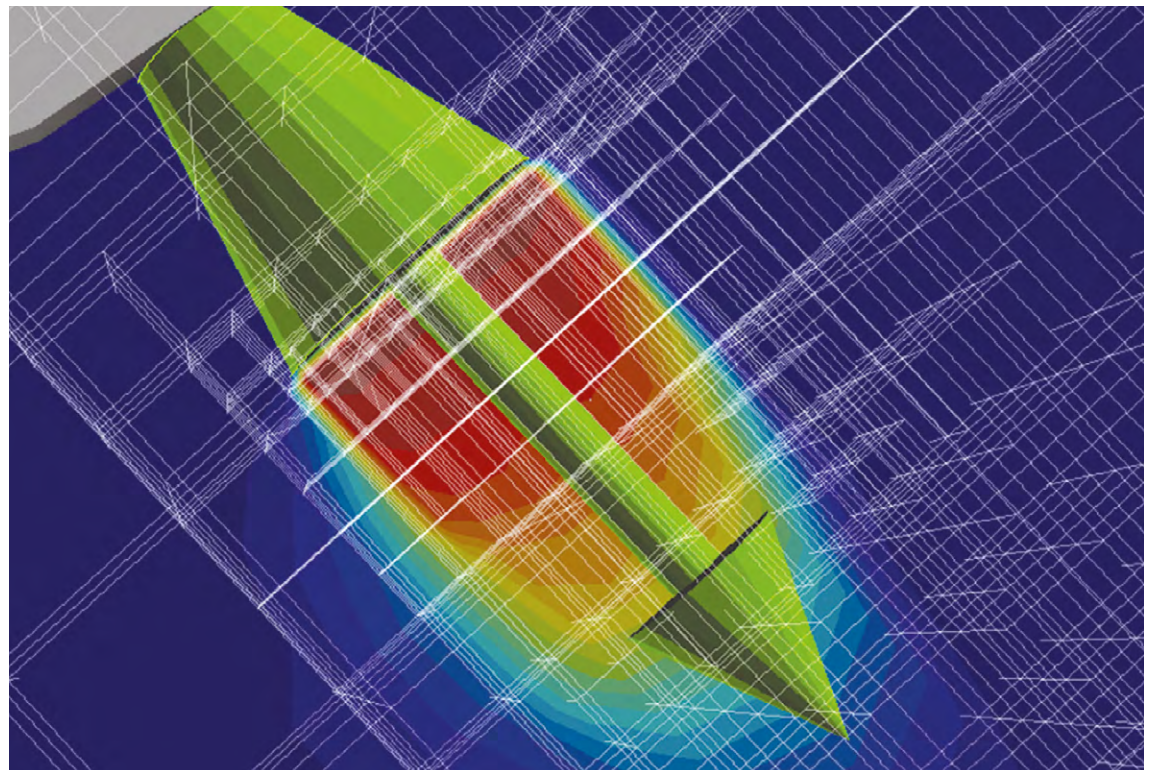
In an age of advanced technology planning for a potentially dangerous situation is vital. Dräger's Flame and Gas Mapping offers effective risk forecasting and analysis that can detect the danger effectively. Then help solve the issue so protecting both your workforce and your business's success.

Flame and gas mapping software can be used on new or existing installations to protect monitored areas from the risks of combustible or toxic gas leaks.

Dräger's highly sophisticated software provides accurate coverage graphics to evaluate the risks and help supply solutions.

Key benefits

- Maximizes detection coverage
- Increases workplace safety
- Increases productivity
- Reduces installation costs
- Reduces insurance premiums



FLAME MAPPING

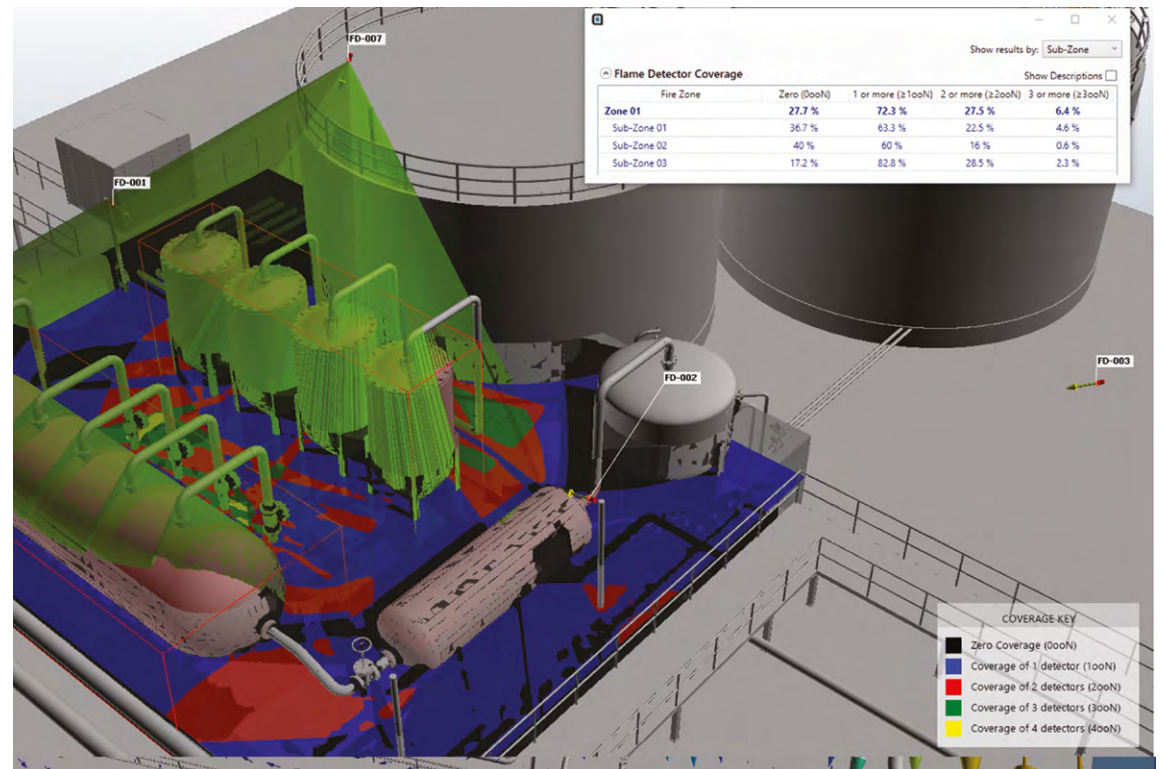
DRÄGER'S EXPERTISE IN FLAME MAPPING

Our expertise ensures the placing of detectors in appropriate locations to achieve the best possible detection coverage.

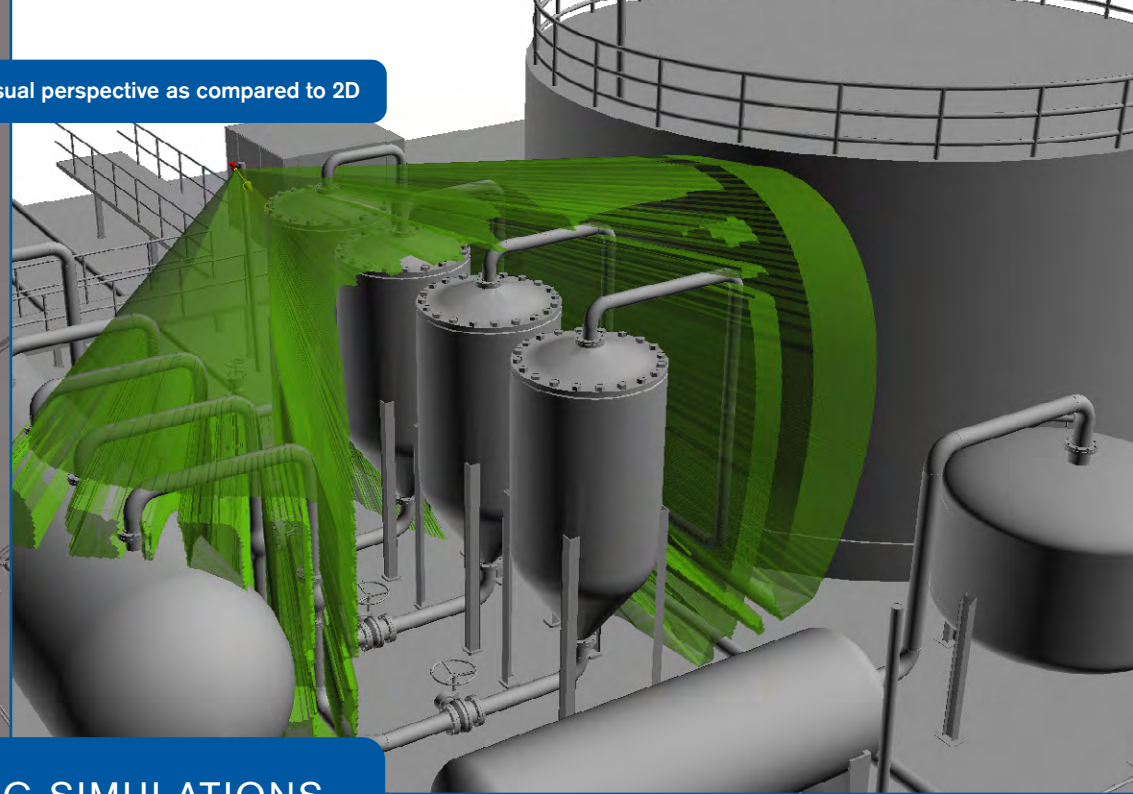
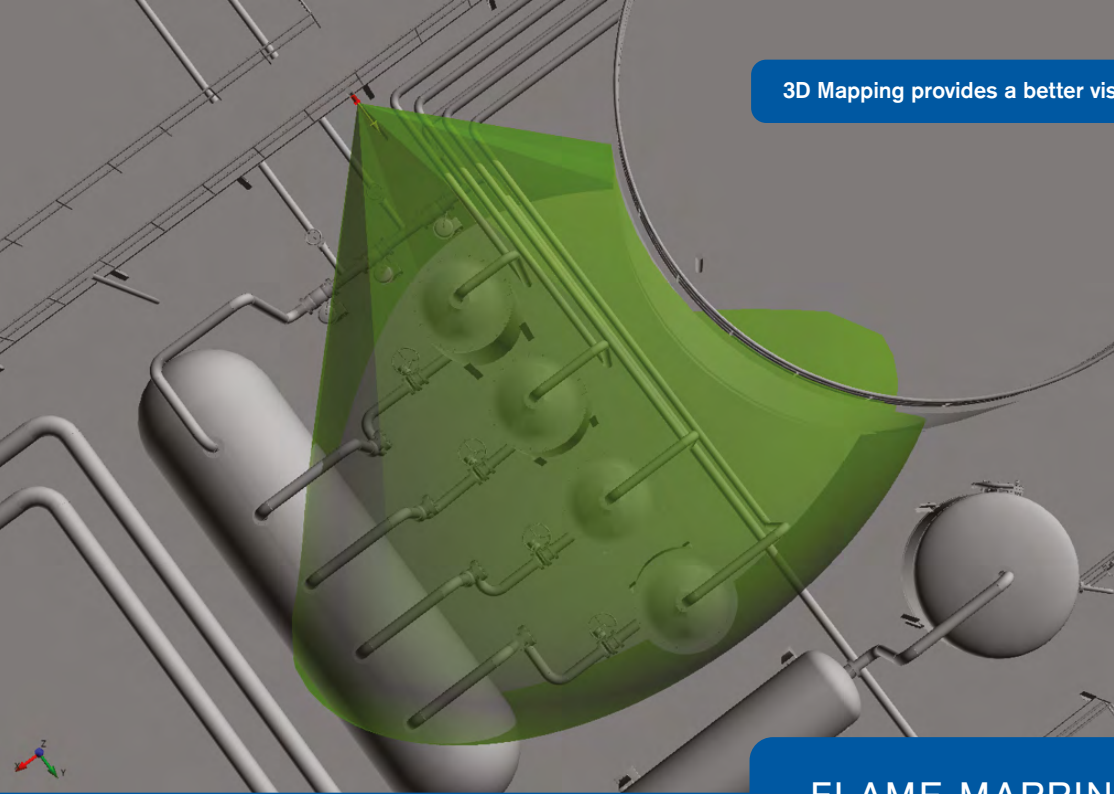
Flame mapping also establishes the areas with the highest likelihood of fire and gas risks so pinpointing the most effective detector layout.

Key Benefits

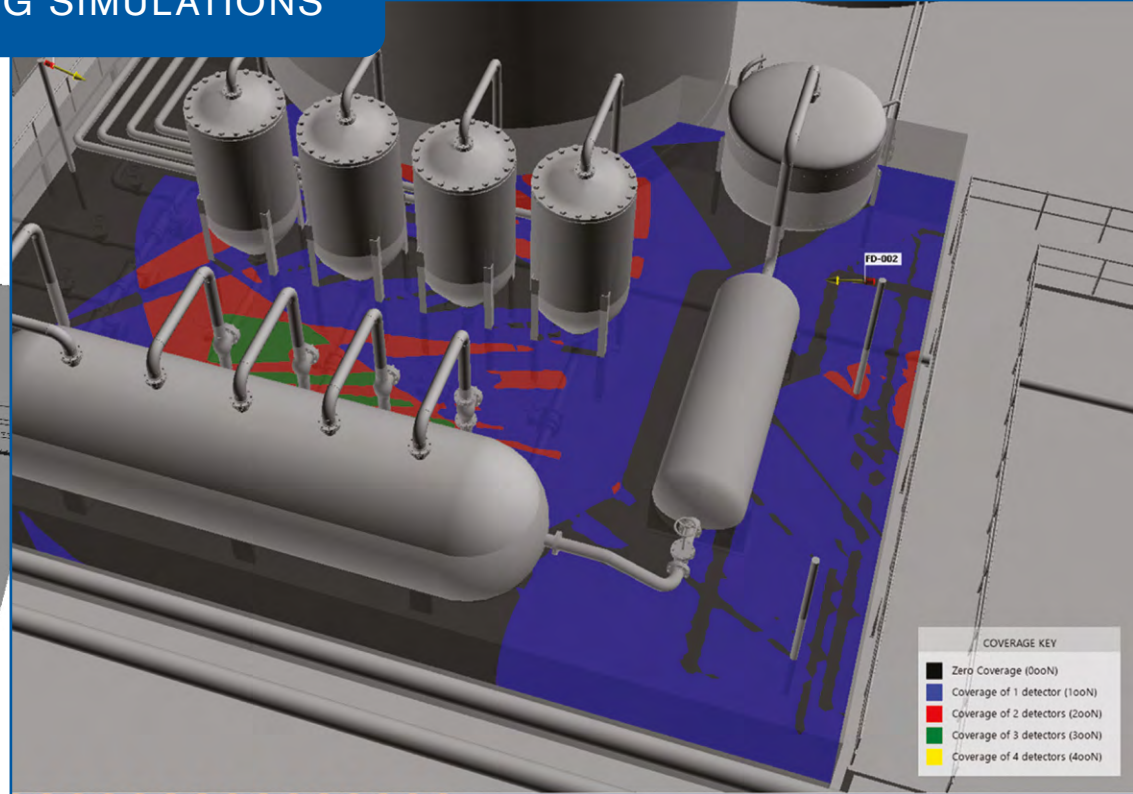
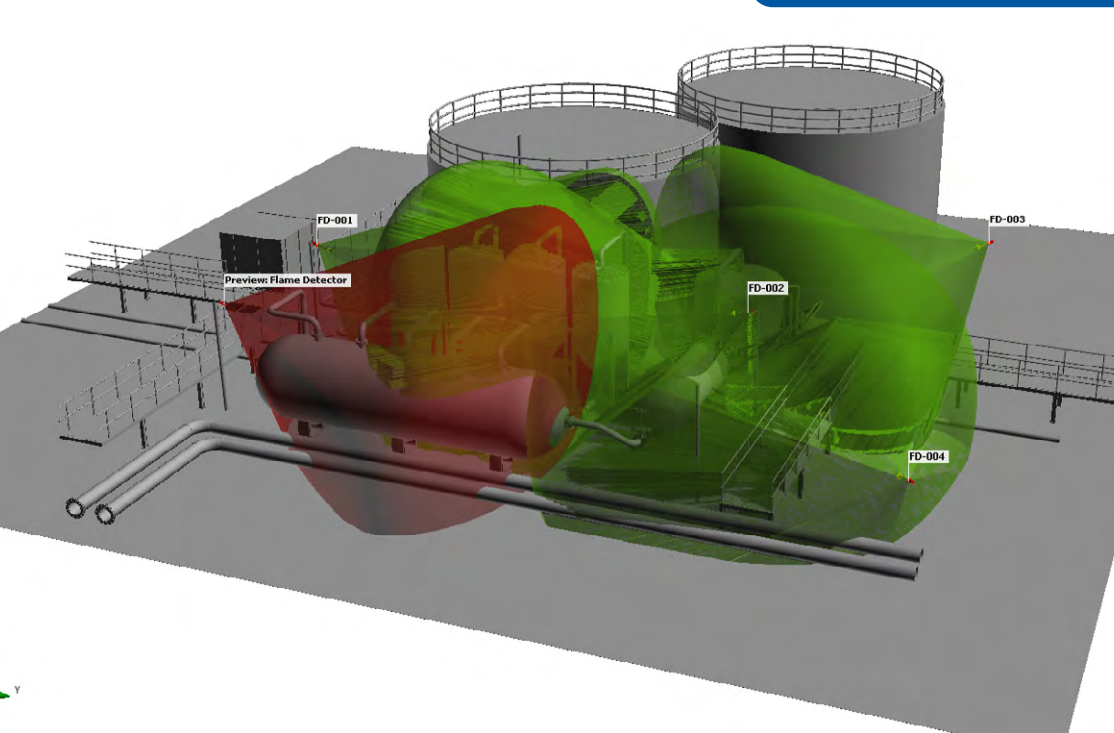
- Fire zone calculation and visualization
- 3D visualization for a more successful plan
- Instant coverage results
- High-resolution accuracy for complex installations



3D Mapping provides a better visual perspective as compared to 2D



FLAME MAPPING SIMULATIONS



GAS MAPPING AND COMPUTATIONAL FLUID DYNAMICS (CFD)

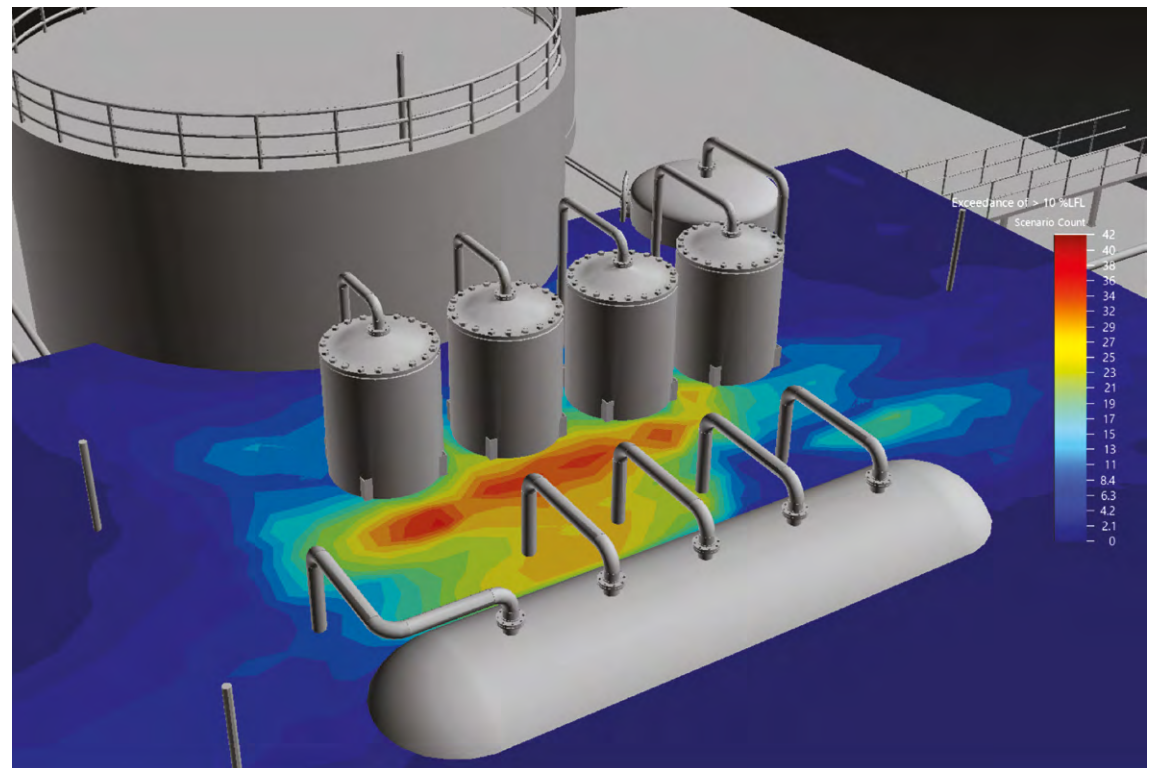
RISK BASED GAS MAPPING

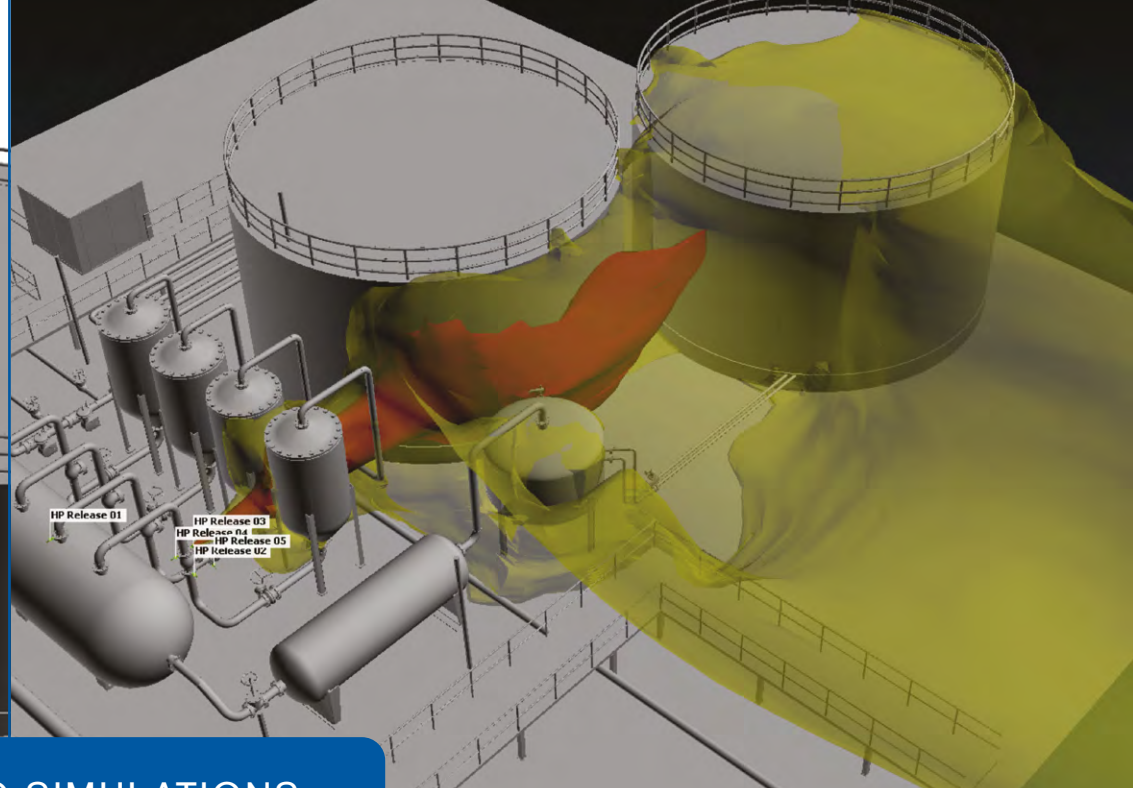
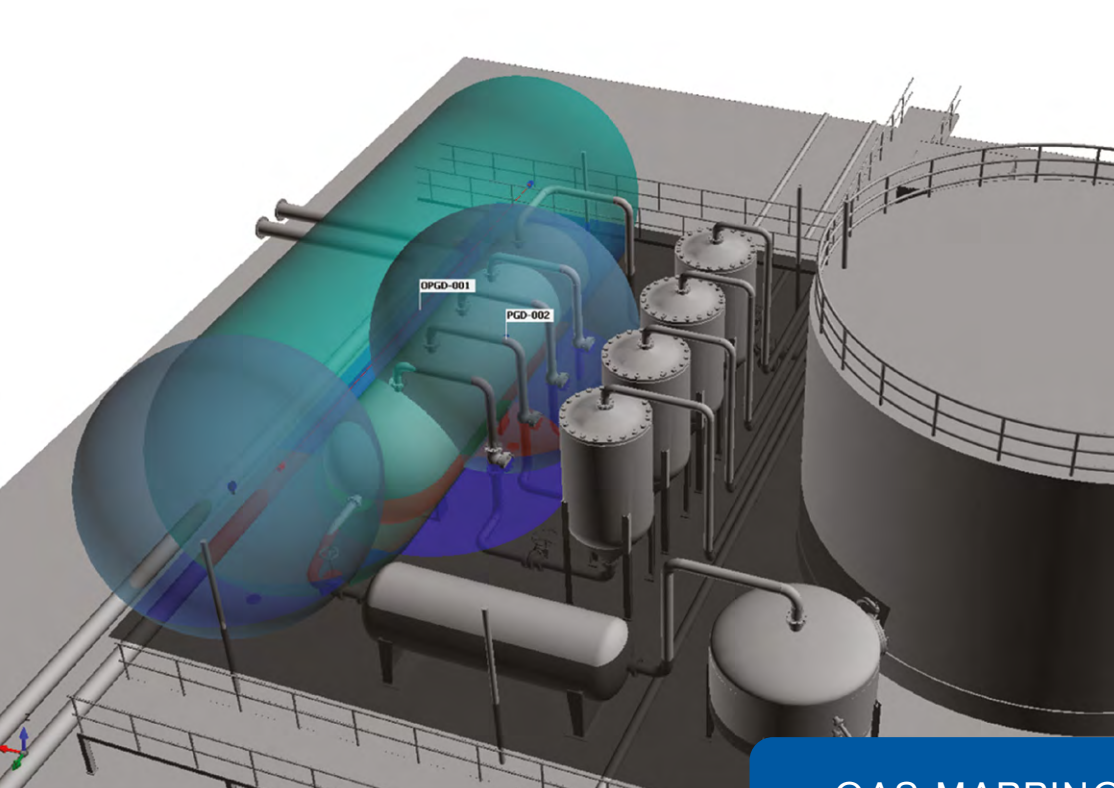
The most important factor when designing a gas detection protection plan is considering ventilation and gas dispersal.

Risk based gas mapping adopt CFD study to examine fluid flow in terms of physical properties like leak rate, wind speed, wind direction, frequency etc. These data will then determine areas with higher likelihood of gas presence to optimize gas detection.

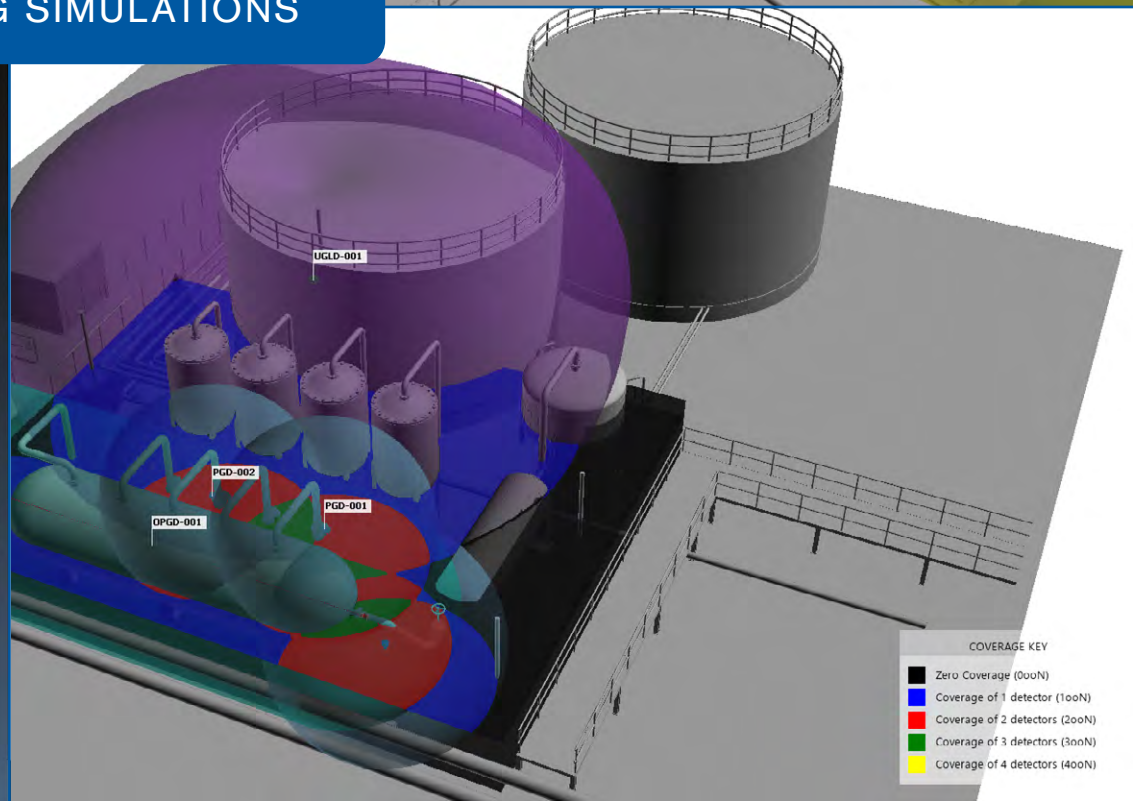
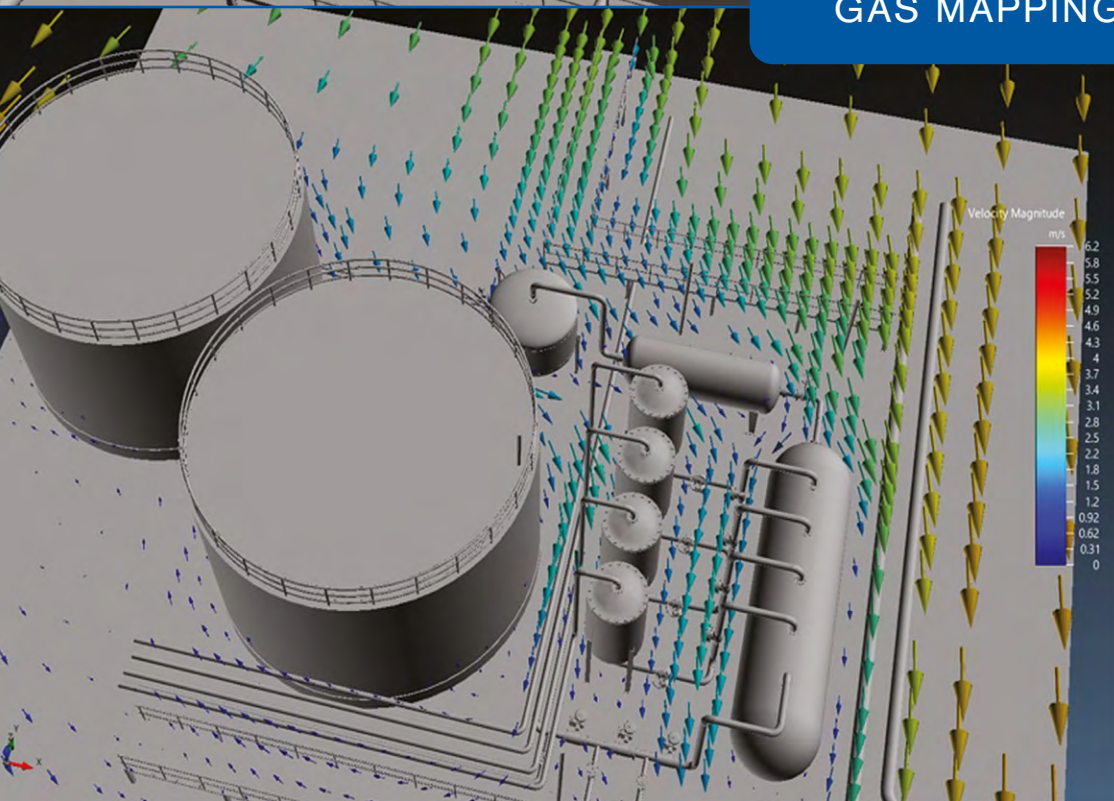
Key Benefits

- Identifies primary and secondary zones of hazard
- 3D visualization for a more successful plan
- Instant coverage results
- High-resolution capability for complex installations





GAS MAPPING SIMULATIONS



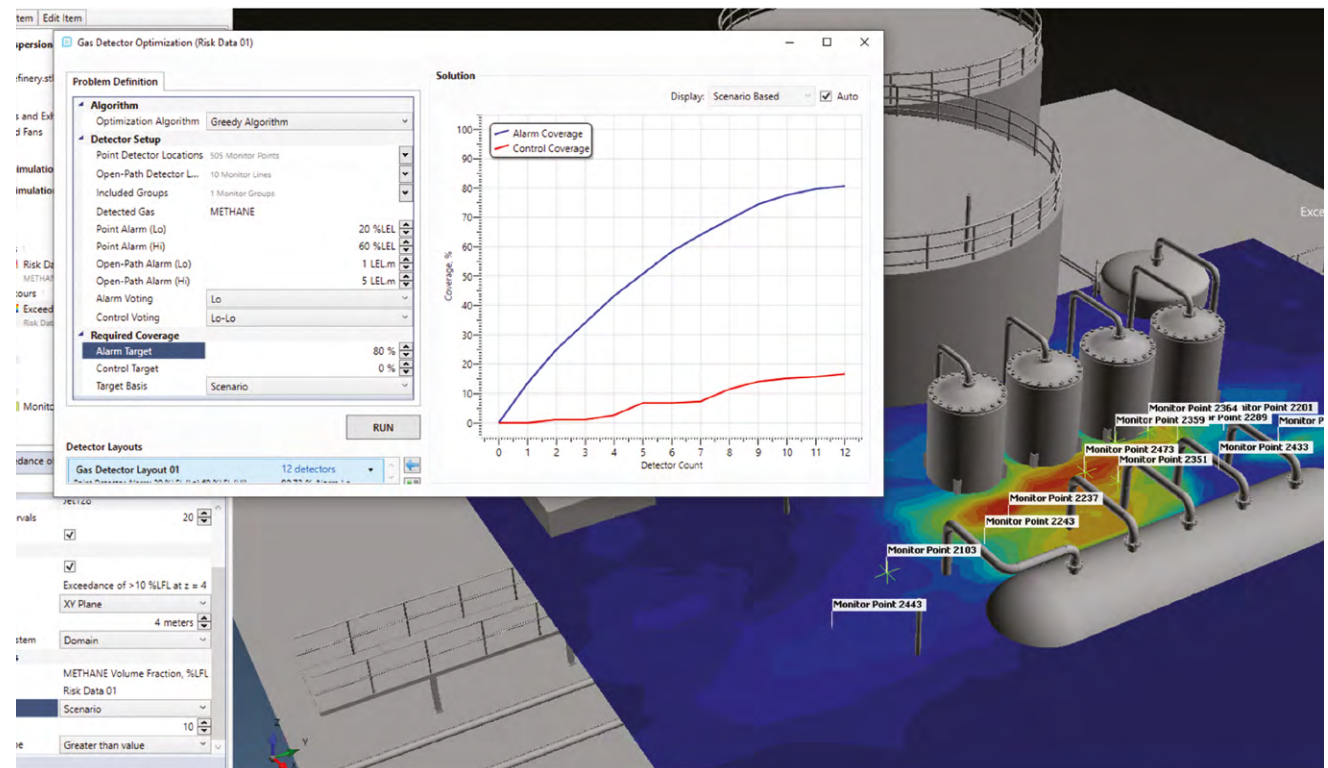
WE HAVE THE DATA AND RESOURCES TO CREATE YOUR PERFECT SYSTEM.

130 YEARS OF EXPERIENCE

Dräger has 130 years of experience in detection and protection. This expertise supports the skills of our consultants in helping you design the optimum flame and gas detection plan. This plan facilitates other safety studies like Hazard and Operability Study (HAZOP) to systematically identify further possible hazards in the work process.

The safety of your workforce and the future of your business is our priority.

Contact your regional sales representative for an appointment and demonstration.



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