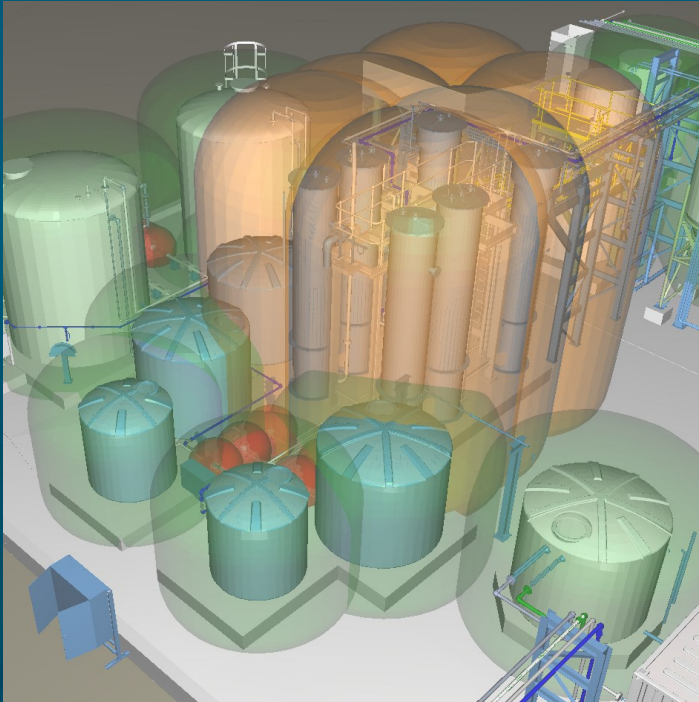


DATA SHEET



Delivering reduced costs, improved safety and trusted compliance with users performance requirements.

Site personnel are aware that Fire and Gas Detection systems play a crucial role in protecting facilities where flammable or toxic materials are handled.

The challenge they face however is to know which equipment provides the right degree of coverage whilst being cost effective for the life of the installation; this is where Micropack help.

Typical Applications

- Offshore platforms
- Receiving gas terminals
- Petrochemical plants
- Compressor stations
- Refineries
- Turbine enclosures
- Transport loading racks
- Aircraft Hangars
- Helicopter Decks
- Tank Farms, including floating roof tank rim seals
- Hydrogen storage

Trusted compliance

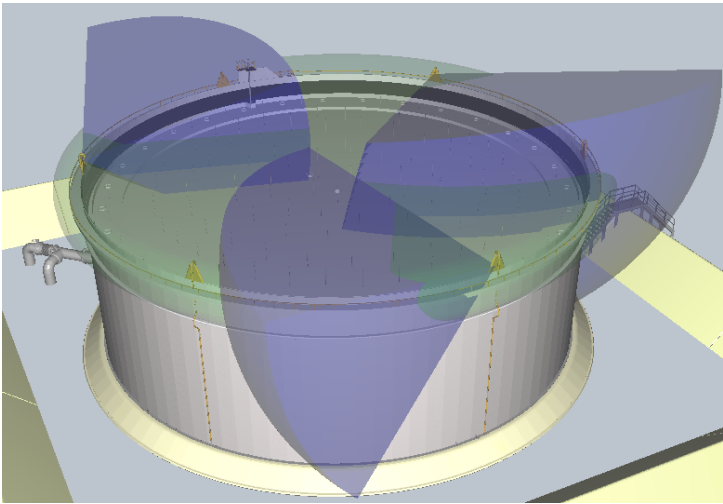
- We work with the client to understand their needs and to gather process data and performance targets.
- Detector placement is optimized using sound engineering knowledge, not simply the output from a software package.
- Furthermore, each report has a six (6) eye review to ensure user compliance.

Trusted expert knowledge

- Our consultants work full time producing reports covering: flame, smoke, heat and aspirated smoke detection, as well as flammable and toxic gas detection, oil mist and ultrasonic (acoustic) gas leak detection.
- Micropack design fire and gas detection systems in line with internationally recognised prescriptive and performance based design standards, e.g.; ISA TR84.00.07, NFPA 72 and BS EN 5839.

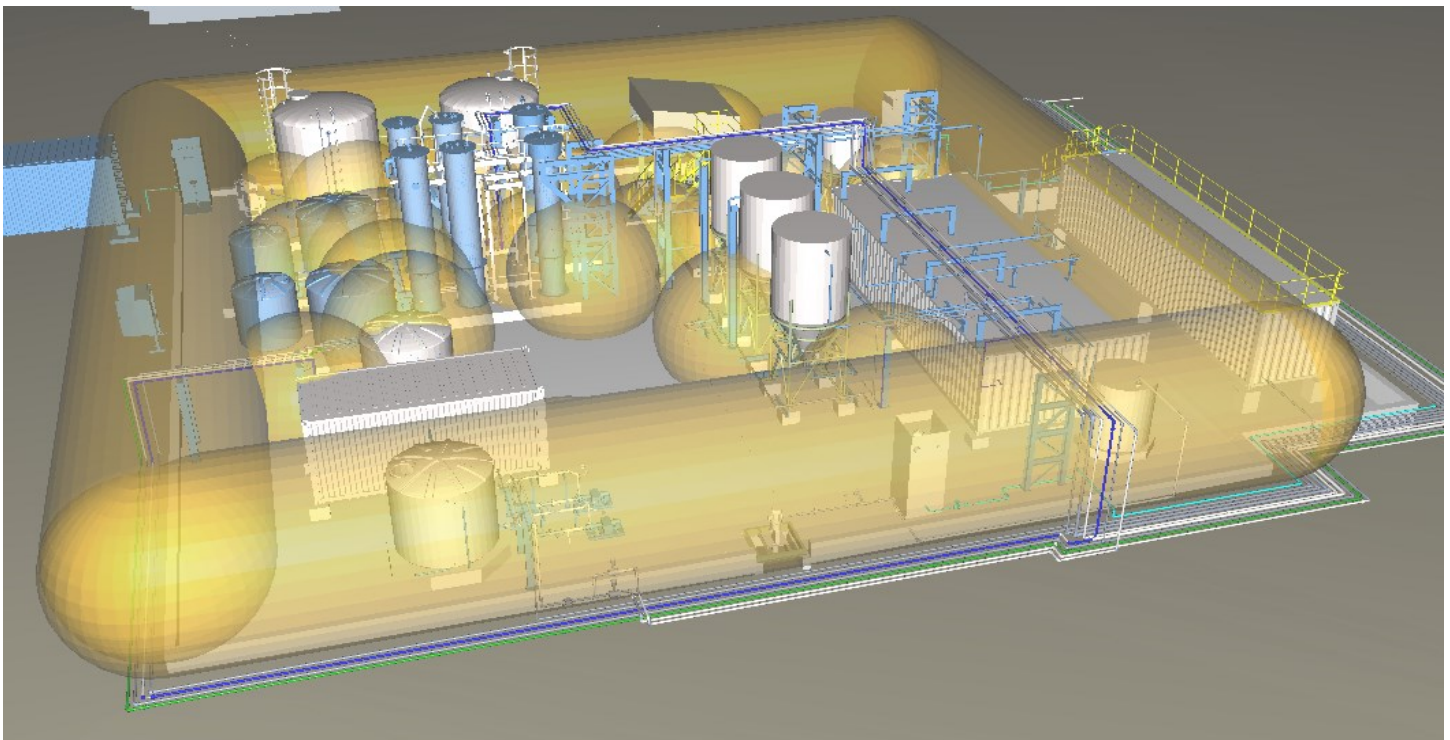
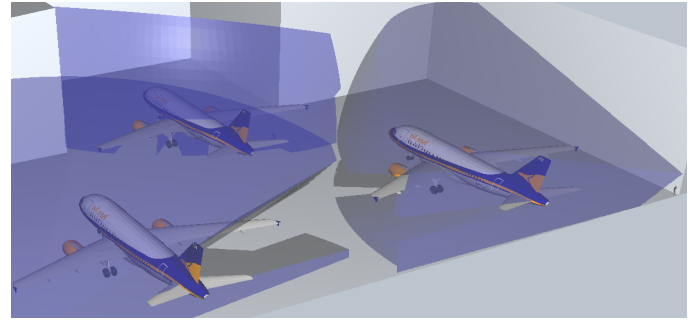
Trusted tools

- Our tools are validated using real world testing.
- Coverage contributions allow true design optimisation for CAPEX and OPEX savings.



Micropack uses HazMap3D

HazMap3D allows for simple placement of flame and gas detectors within your model. The images here illustrate some typical applications.



Flame Mapping



Gas Mapping



Smoke & Heat Design



Toxic Gas Mapping



Ultrasonic Leak Mapping



Beacons and Sounders