

## 3D FIRE AND GAS MAPPING SOFTWARE DATA SHEET

**Industry Standard 3D Fire and Gas Mapping Software from the pioneers in Fire and Gas Mapping.**

Micropack's name is synonymous with Fire and Gas Mapping with our first mapping study being conducted more than 30 years ago.

HazMap3D is our second generation modelling tool, designed for fire and gas engineers, by fire and gas engineers.

### Features and Benefits

- Easy to import 3D CAD designs
- Simple to select design criteria
  - ISA TR84.00.07
  - Operator specific
- All major manufacturer and detector models are listed
- Quickly navigate in and around the true 3D model.
- See the obstructed flame detector field of view
- Capture detector point of view for commissioning assistance
- Standard report generation tools detail, detector count, tag, location, viewing direction, angle of elevation and coverage contribution
- Enhanced coverage assessment through the generation of user defined vertical "coverage slices"
- Quickly and easily assess any number of fire zones

### Reduce costs by cutting design time

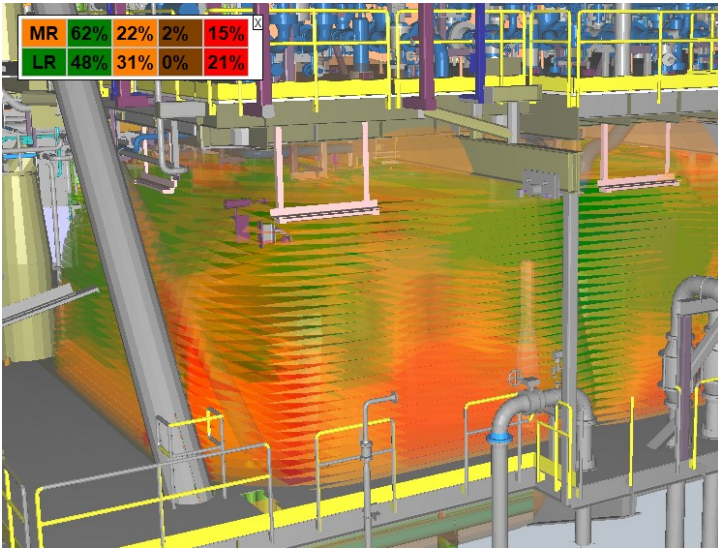
- Swap between design review models with ease
- Detector placement optimisation using volumetric / geographic modelling and coverage of scenarios
- Nested fire grades can be added almost instantly without data manipulation
- HazMap3D has smart features for detecting design errors such as open path gas detector beam block
- In just two clicks HazMap3D inserts the same detector as the previous one used

### Reduce Complexity through pre-built libraries

- End User performance requirements are built-in
- Detector characteristics for all major detector manufacturers are built-in

### Fast Generation of Coverage Reports

- Easy on the eye visuals detail compliance with project standards
- Coverage contributions, per detector, are calculated to allow true design optimisation for CAPEX and OPEX savings
- Free HazMap3D viewer can be used for client walk through reviews thereby reducing time to final report



## 3D Fire and Gas Mapping Software

HazMap3D allows for simple placement of flame and gas detectors within your model. The image shown on the left illustrates a flame detection design assessment, where the coverage percentage(s) are conveniently displayed and color coded.

## Software Compatibility

HazMap3D can be used with a wide variety of 3D CAD file types including \*.3ds, \*.dgn (v7), \*.obj, \*.stl, \*.drg3d. These file types can be easily exported from software packages like, Navisworks, PDMS and AutoCAD.



**Flame  
Detection**



**Gas  
Detection**



**Smoke & Heat  
Detection**



**Toxic Gas  
Detection**



**Ultrasonic Gas  
Leak Detection**



**Beacons and  
Sounders**

