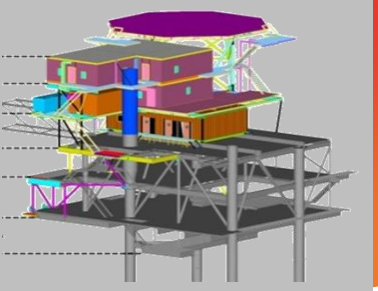
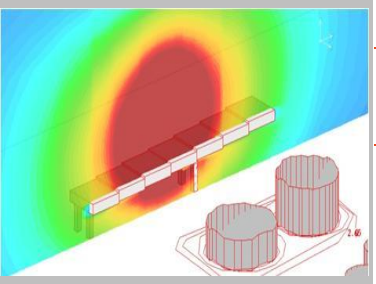


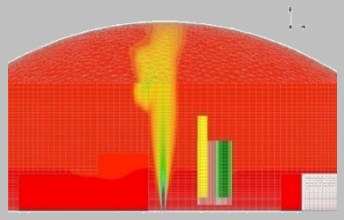
FLUIDYN-VENTFIRE

Fires in closed spaces

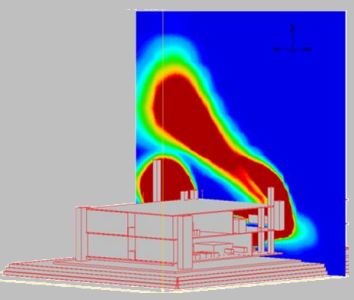


User friendly integrated tool for consultancy firm and industries

- 3D modeling of pool, jet, and solid fires.
- Real time source determination in conjunction with the sensors
- Fire propagation in confined or partially confined buildings
- Structural resistance and deformations
- Smoke dispersion
- Evaluation of accidental scenarios.

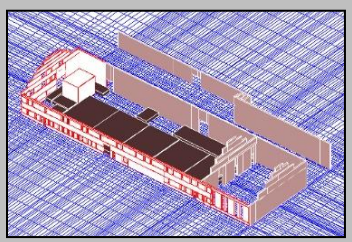


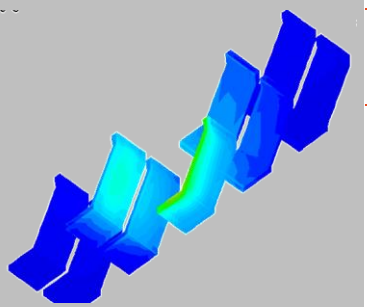
3D simulations for all types of fire scenarios



FLUIDYN-VENTFIRE is destined towards support architects, industries, and consultancy firms. Il is also used for the management of crisis and emergency situations by planners, first responders and firefighters. The tool offers several models for simulation of fires in confined or semi-confined spaces.

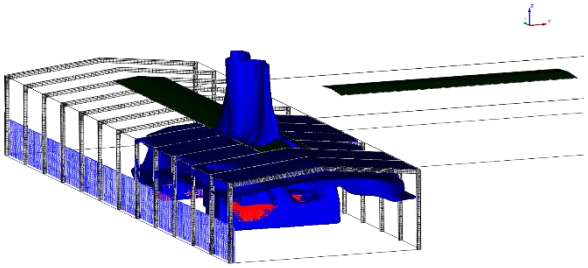
- Rail and road tunnels, mines, and galleries
- Warehouses, offshore platforms, and industrial buildings
- Parking lots, offices, emergency doors / exits
- Sensor network optimization
- Addition to real time emergency systems
- Evaluation of mitigation solutions
- Impact evaluation on buildings and structures
- Expertise on fire scenarios.

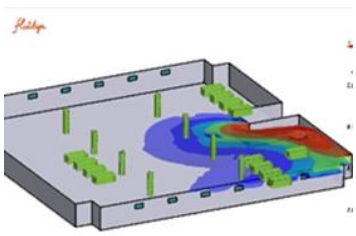




Powerful integrated tool

- Equipment database: blowers, exhaust, sprinklers, etc.
- Data retrieval from sensors and detectors
- Model and results on mobile or fixed devices
- Various models graphically tested by optimization algorithms.





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