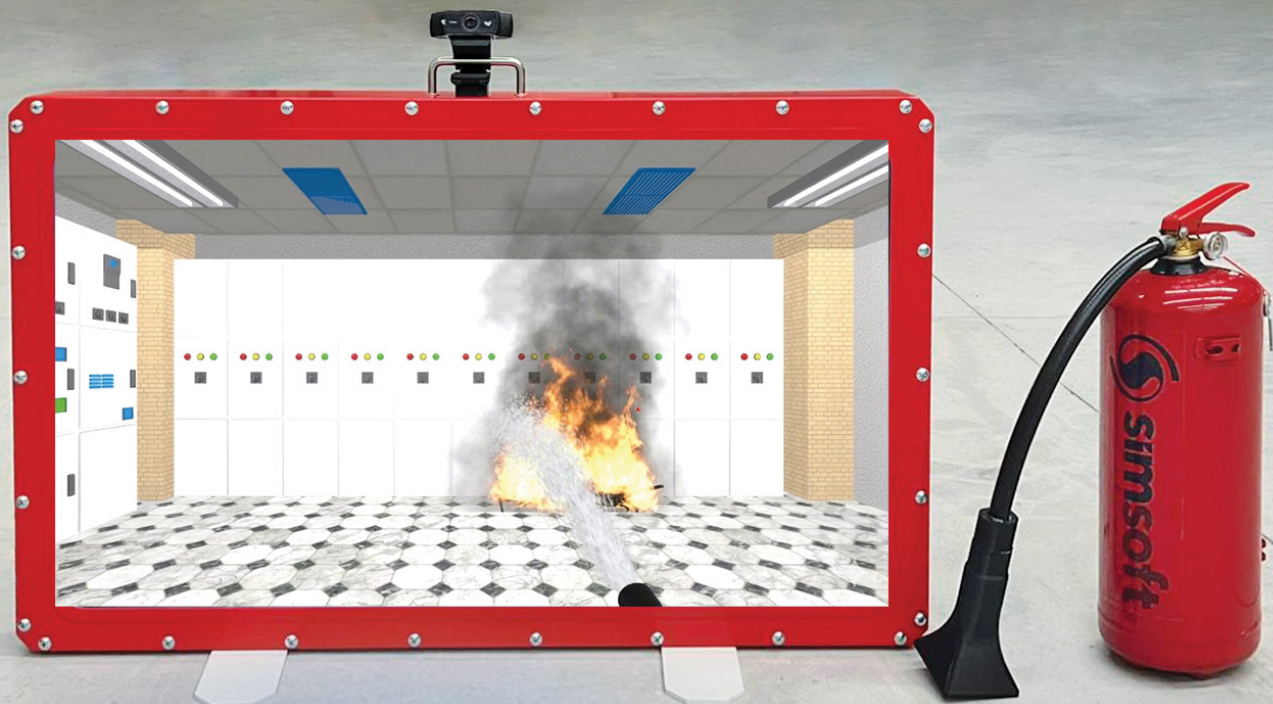




FIRESENSE

FIRE TRAINING SIMULATOR

Realistic, Measurable,
and Safe Training

- Fire extinguishing in various environments
- Customizable training scenarios
- Measurement and evaluation reports



FIRESENSE FIRE TRAINING SIMULATOR



FireSense delivers a next-generation fire training experience through sensor-assisted interaction, real-time data analysis, and physical engagement.

Going beyond conventional VR-based training systems, FireSense is a sensor-based intelligent fire training platform that integrates physical interaction with digital simulation.

Users do more than learn procedures: they physically respond to simulated fire scenarios using real equipment, while the system tracks and analyzes their actions and measures their performance.

Hardware

- Mini PC
- 32-inch monitor with enclosure
- Sensor-equipped real fire extinguisher
- Camera
- Smoke machine (optional)

Sensor and Hardware Infrastructure

- IR / camera-based tracking systems
- Real-time nozzle direction and motion tracking
- Trigger and pressure sensors
- Environmental triggers such as smoke, lighting, and alarms

Simulation Management Capabilities

- Fire Suppression in Different Environments
 - Office
 - Workshop
 - Kitchen
 - Customizable environments
- Training Scenarios
 - Fire extinguisher operation
 - Fire suppression skills

Fire Suppression Performance Assessment

- Intervention distance
- Response time
- Target hit rate
- Detailed training report

Application Areas

- Factories and manufacturing facilities
- Corporate organizations
- Training institutions
- Fire departments and emergency response teams
- Construction sites and heavy industry



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