MERIDIAN 60 FIRE·SAFETY

FLAIM TRAINER

FULLY IMMERSIVE VIRTUAL REALITY SIMULATION TRAINING

Algorithms that replicate fire and reaction

FLAIM's proprietary virtual fire behavior technology was developed by extensive modeling of the interaction and variables of fire, smoke, water, and air with different combustibles in a virtual environment. Our technology ensures that the virtual fire reacts, progresses and mimics real live fires.

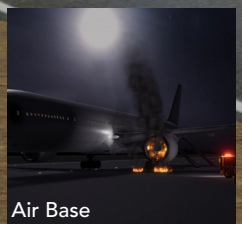
Over a decade of experience modeling

FLAIM's research and development team represents more than 10 years of PhD research that models real-time fire behavior in 3D virtual reality environments. FLAIM's VR software operates at high fidelity frame rates that eliminate motion sickness.

ENGAGING, SAFE, DYNAMIC RISK ASSESSMENT TRAINING IN A WIDE RANGE OF IMMERSIVE LEARNING SCENARIOS.

Residential

Rural


Air Base

Tunnel

Docks

Vehicle

THE WORLD'S FIRST IMMERSIVE TECHNOLOGY ENABLED FIREFIGHTER TRAINING SOLUTION

Immersive Simulation
Delivering a physical world training solution in a safe, controlled virtual environment

Multi-Sensory
Integrated physical interfaces deliver a realistic feeling to the virtual training experience

Live Feedback
Real time data capture, analysis and training outcome feedback

Virtual Environments
High fidelity virtual experiences with a continuously expanding portfolio of scenarios

Fire Science
Proprietary algorithmic modelling delivers real fire behavior in a virtual environment

Biometric Performance
Statistical learning outcome analysis to generate data driven decision making

CONTACT MERIDIAN 60 FIRE SAFETY
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meridian60.com

Train more | Learn more | Be prepared

Firefighters have limited opportunities to attend live fire training, due to health and safety, economic, environmental and accessibility concerns. Virtual, immersive learning is a safe, cost effective complement to classroom, online and physical firefighter training.

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FLAIM EXTINGUISHER

TEACH THE EXTINGUISHER PASS METHOD

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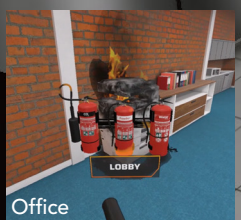
MEASURES TRAINEE'S USAGE OF AGENTS. SELECT FROM A LIBRARY OF VIRTUAL ENVIRONMENTS.



Office

Warehouse

Kitchen

Hospital

Vehicle

Residential

UNIQUE FEATURES:

Immersive Simulation

Delivering a physical world training solution in a safe, controlled virtual environment

Multi-Sensory

Integrated physical interfaces to deliver the **feels real** virtual training experience

Live Feedback

Real time data capture, analysis and training outcome feedback

Virtual Environments

High fidelity virtual experiences with a continuously expanding portfolio of scenarios

Fire Science

Proprietary algorithmic modelling delivers real fire behaviour in a virtual environment

Incorporates fire safety procedural training including correct agent, fire blanket or fire hose selection

- **SAFE** no live fire props, no smoke carcinogens
- **FAST** achieve learning outcomes in a matter of minutes
- **SIMPLE** single case, portable solution, set-up in minutes
- **FEELS REAL** highly realistic engaging virtual scenarios
- **EDUCATIONAL** expanding library of virtual fire scenarios

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Educate first responders on how to handle a fire extinguisher using the PASS technique, assess risk and choose the correct agent. Better prepare trainees for a broad range of emergencies and give them the confidence to respond effectively and efficiently during real-life events.