

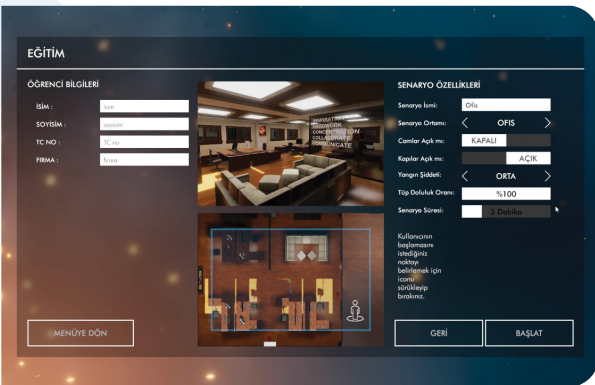


FIREVR FIRE EXTINGUISHING TRAINING SIMULATOR

An Interactive Virtual Reality
Simulation Aimed at Providing
Realistic, Operational-Level
Training on Combating
Class A, B, and F Fires



FIREVR FIRE EXTINGUISHING TRAINING SIMULATOR



Physical Modeling

- Fire type
- Combustible material
- Oxygen concentration

Fire Classes

- **Class A Fires:** Fires involving ordinary solid combustible materials that burn and form embers, such as wood, paper, fabric, coal, and plastics.
- **Class B Fires:** Fires involving flammable liquids or liquefiable solids, such as gasoline, thinner, diesel fuel, paint, and alcohol.
- **Class F Fires:** Fires involving vegetable and animal cooking oils and fats used in deep fryers and cooking appliances.

Interaction and Control Options

- Virtual fire extinguisher and virtual environment
- Physical fire extinguisher
- Motion sensor-enabled physical fire extinguisher
- Hand tracking and controller support
- Movement within the virtual environment using locomotion sensors

Configurable Hardware Components

- VR headset and controllers
- Fire extinguisher model
- Motion sensors
- CAVE system
- Projection screen system
- Large-screen visualization

Simulation Management Capabilities

- Fire Suppression in Different Environments
 - Office
 - Workshop
 - Kitchen
 - Fuel station
- Training Scenarios
 - Fire extinguisher operation
 - Selection of the appropriate fire extinguisher based on fire class
 - Fire alarm operation
 - Emergency evacuation
 - Electrical power shutoff

Measurement and Evaluation

- Contacting emergency services
- Following the correct response procedures
- Intervention distance
- Response time

FIREVR-EN-2607-105

Phone : +90 (850) 840 00 46

Fax : +90 (312) 210 00 47

E-Mail : info@simsoft.com.tr

Web : www.simsoft.com.tr

HQ

ODTÜ Teknokent SATGEB Bölge
Ortak Bina 1. Kat AR-GE Ofisi
ANKARA, TÜRKİYE

İSTANBUL

Teknopark İstanbul Sanayi Mah.
Teknokent Bulvarı No: 1/3A 208
İSTANBUL, TÜRKİYE

BİLKENT

Ankara Teknoloji Geliştirme Bölgesi
Cyberpark, Cyberplaza A Blok 5. Kat
ANKARA, TÜRKİYE

USA FLORIDA

Simsoft Technologies 4250
Alafaya Trail Ste 212-148 USA
E-mail: info@simsofttech.com

HAB / KAHRAMANKAZAN

Ankara Uçay ve Havacılık İhtisas OSB
Saray Mahallesi, B28 Cadde No: 4/1
ANKARA, TÜRKİYE