FIREVR
FIREFIGHTING VR SIMULATION

FireVR is an Interactive Virtual Reality Simulation Aimed to Provide Realistic and Operational Level Training in Fighting with A, B and F Class Fire Types.

Simsoft
TECHNOLOGIES

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System Components Modeling

- Physical Modeling
  - Fire Type
  - Burning Material
  - Oxygen Density

- Fire Types
  - Fire Class A: Solids like wood, cloth, paper etc.
  - Fire Class B: Explosives and combustibles like oil fuel, thinner etc.
  - Fire Class F: Cooking equipments etc.

Hardware Properties

- Configurable Hardware Units
  - VR Headset
  - Fire Extinguisher Model
  - Cave
  - Projection
  - Visualization on a Large Screen

Ability to Manage Simulation

- Firefighting in Different Environments
  - Office
  - Workplace
  - Kitchen
- Training Scenarios
  - Use of Extinguisher
  - Use of Alarm
  - Escape from Fire
  - Fuse Closure

Fire Fighting Assessment and Evaluation

- Implementation of Correct Intervention Steps
- Intervention Distance
- Intervention Period