



 **FIREFIGHTER** ^{VR}

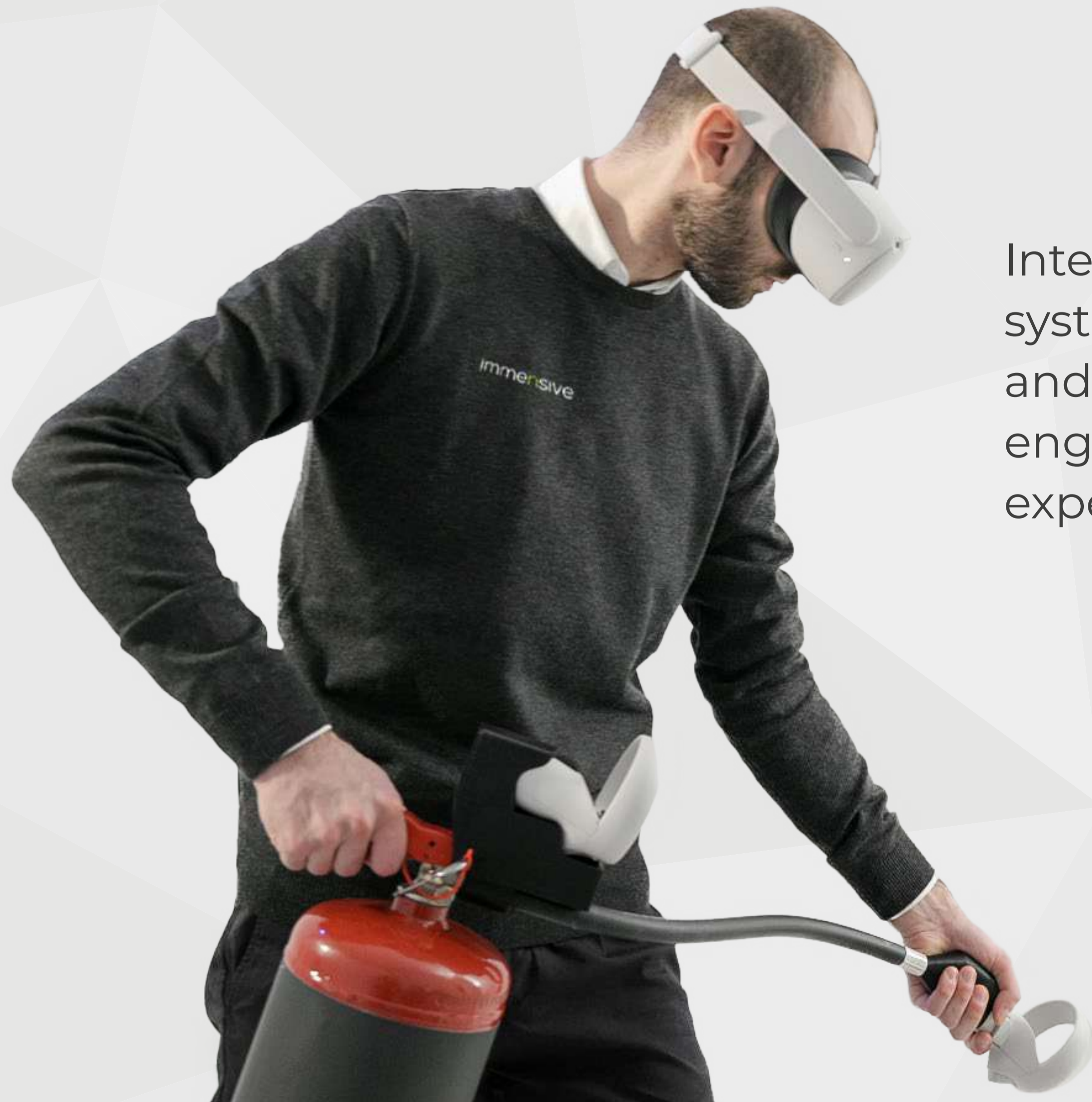
FIREFIGHTER VR SIMULATOR

The Firefighter VR Simulator system represents an innovative training tool that allows you to practice fire extinguishing in Immersive Virtual Reality realistically reproducing the fire extinguishing phase using a fire extinguisher.



TRANSFORM YOUR

FIREFIGHTING COURSES



Integrate the Firefighter VR Simulator system into your firefighting courses and provide participants with an engaging, effective, and safe experience.

WHY CHOOSE

FIREFIGHTER VR

The main benefits for Training Institutions choosing to deliver fire extinguisher training courses by integrating the Firefighter VR Simulator system are:



Safe and Eco-Friendly

Significantly reduces the risk for participants and bystanders. Zero CO2 emissions and composite waste.



Comprehensive and effective learning

Allows for a more complete and effective experience of emergency situations, increasing participant engagement.



Cost Reduction

Significantly lowers the costs of materials for training exercises (fire extinguishers and fire trays).



Higher degree of practice

Eliminates setup times between exercises, maximizing the time each user can dedicate to tasks. Enables exercises in confined spaces (3 sqm).

Bridges the Gap Between Theory and Practice

1

THEORY

2

 **FIREFIGHTER**^{VR}

3

PRACTICE

Integrating the Firefighter VR Simulator system into a firefighting course allows participants to practice safely and more extensively. They can repeat extinguishing attempts until they acquire the necessary confidence for real-world testing. It also allows for a more complete and effective experience of emergency situations.



HOW IT WORKS

Thanks to trackers mounted on a real fire extinguisher, users can practice within the virtual environment while handling a real tool. The Firefighter VR simulator faithfully recreates the fire extinguishing activity, accurately monitoring key parameters for evaluation, such as extinguisher-to-fire distance, total extinguishing time, and startup time.



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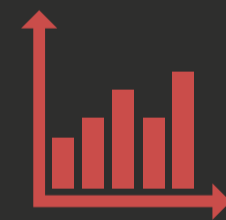
User management for proper **progress monitoring**.



Simulations in **indoor** and **outdoor** environments with customizable options for each task.



Parameter monitoring: Extinguishing Time, Intervention Distance, Wind Alignment.



Instant exercise **reports** with result saving.



Real fire extinguisher equipment and **Vive trackers** to provide maximum fidelity.



Different types of **fires** and **containers** for both indoor and outdoor scenarios.

BASIC KIT EQUIPMENT

The basic Firefighter VR kit includes a professional fire extinguisher equipped with accessories compatible with Meta Quest 2 controllers, necessary to ensure a realistic fire extinguishing simulation with real weights and dimensions in virtual environments. The kit includes a protective travel case for storing and transporting the fire extinguisher.

- ① 1 Fire Extinguisher*
- ② 1 HTC Vive Headset
- ③ 2 HTC Vive Tracker
- ④ 1 Adapter Kit

*Product actually used in the professional world equipped with support compatible with the HTC Vive tracking system. Solution that allows manual exercise with real weights and dimensions.





Firefighter VR Simulator was the winner of the

2021
SMAU Naples
INNOVATION
Award

AWARDS

AND RECOGNITIONS

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