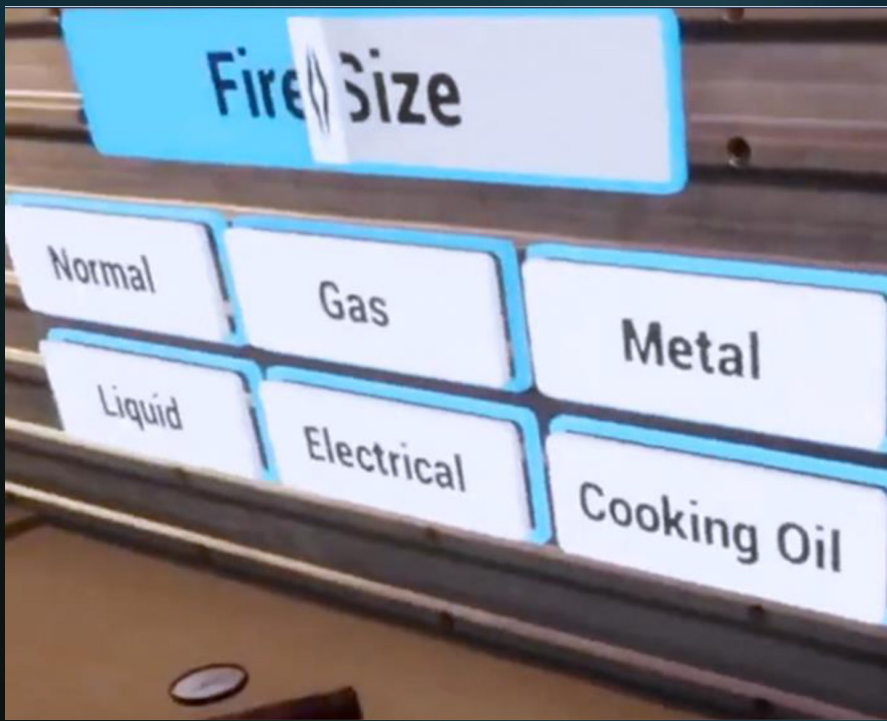FireWise

HANDS-ON FIRE EXTINGUISHER
SAFETY TRAINING VR APPLICATION

CREATED BY

Tln

THE LEARNING NETWORK

PRODUCT
SPECIFICATIONS

- The chemistry and nature of fire

- Classification of materials

- Different types of fire

- The identification of different extinguishers and their safe and effective method of operation

- Practical (hands-on) fire extinguisher operation in an exercise to extinguish their own fire using the P.A.S.S. Method

- Ability to send results via email

FireWise TRAINING BENEFITS

- Tutorial that will show users the basic navigations in VR.

- A guided training tool, which goes through the process of looking for exits, looking for wind, proper positioning and distances, calling emergency services to explain the situation, fire extinguisher checking and proper use, spraying the fire, backing up, confirming it is fully out.

- Multiple difficulties are included:

  - An easier mode meant for training, with full narration that shows distances, wind direction, and guides the user through the process.

  - A standard mode, which guides the user but shows no information.

  - A testing mode, which has no guide and has randomly selected fire types, forcing the user to correctly use the proper extinguisher for the job.

- A free/practice mode where the user can use any entinguisher and select which type of fire they want to practice on. They can swap between pan and prop fires (wood, boxes, electrical lamps, etc.) and change things like fire size.

VR FIRE EXTINGUISHER SCENARIOS

ENVIRONMENTS

Training Yard	Office	Warehouse

FIRE EXTINGUISHERS

Dry Powder	Wet Chemical	CO_2	Water	Foam	M28 / L2

FIRE TYPES

Common Combustibles	Flammable Liquids	Flammable Gases	Electrical	Combustible Metals	Cooking Media / Oil

FireWise LEVELS & COMPONENTS

	ENVIRONMENT	FIRE EXTINGUISHER	FIRE TYPES	NARRATOR GUIDED
PRACTICE	Any	Any	Any	No
BEGINNER	Any	Dry	Pan	Yes
NORMAL	Any	Dry	Pan	No
ADVANCED	Random	Random	Random	No

META QUEST 3 **HTC VIVE *** **HTC VIVE PRO WIRELESS ***

VR HARDWARE REQUIREMENTS

* DESKTOP RECOMMENDED REQUIREMENTS

CPU	AMD Ryzen 9 5900X
GPU	NVIDIA GeForce RTX 3080 Ti
RAM	32GB DDR4 3600MHz
STORAGE / SSD	1 TB NVMe SSD / 2TB HDD
DISPLAY ADAPTER	1x HDMI 2.1 / 3x DisplayPort 1.4a
USB PORTS	USB 3.0: 2x Type-A Rear Panel 2x Header / USB 2.0: 4x Type-A Rear Panel 1x Header

MOBILE
DEVICE MANAGEMENT (MDM)

FireWise
CONFIGURATION

Remotely manage settings, wi-fi configurations, permissions, and deploy content directly to individual or groups of headsets. Get new devices running quicker by using a complete configuration package to directly load settings, apps, files, and more without using network bandwidth.

FLEET MANAGEMENT

With ArborXR you can effortlessly manage XR devices with full control and scale XR deployments as large as you want.

VIDEO
DEMO

To see more of the demo, click here to see our video playlist.

COSTING MODEL

LEARNING AND PROFESSIONAL SERVICES

AS NEEDED

- Instructional Design
- Graphic Design
- Project Management
- Learning consulting services
- 3D Model Customizations
- Custom VR Interactivities

VR LICENSE

$17,500

- License to TLN's VR FireWise core engine
- Adding your corporate logo
- Adding an email mailbox for logs to be sent to
- 1 hour admin training session
- Software support for admin

DEPLOYMENT

TLN SET-UP
$30/HEADSET/MONTH

Using MDM, TLN will deploy the APK to each headset that your company owns. This setup will act as your headset management system which will allow for the remote updating of your headsets and the tracking of their location. It will also help with remote support should any issues arise.

SELF SET-UP
OWN COSTS

Client deploy the APK package using the install guide provided by TLN.

Client hardware purchase (Meta Quest, Vive*, or Vive Pro Wireless*)

*   For the Vive and Vive Pro Wireless, VR-compliant computer required.