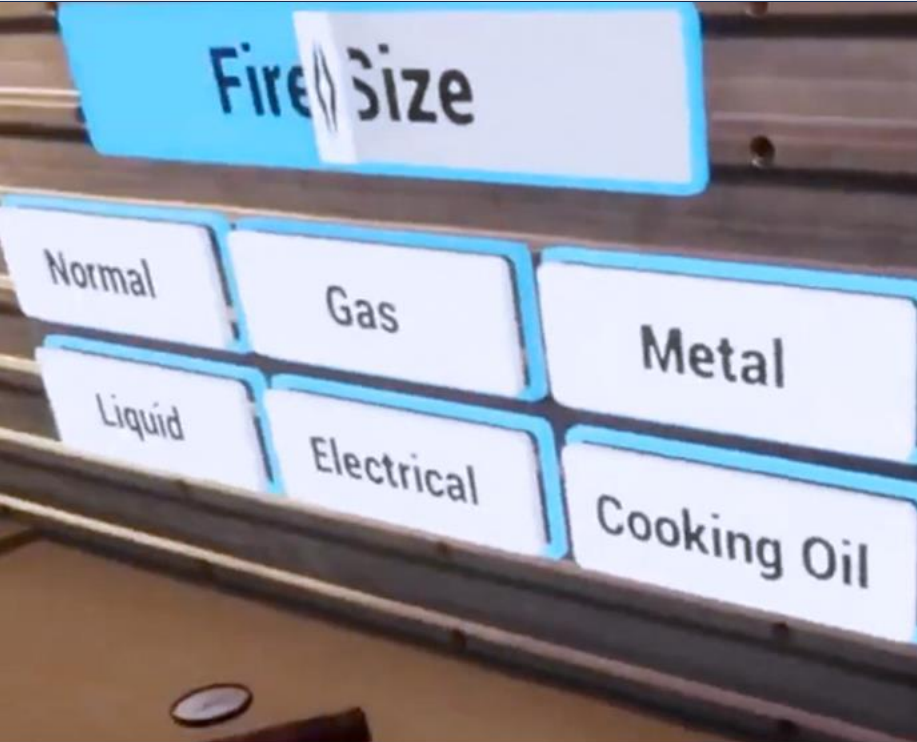




FIREWISE

Hands-On Fire Extinguisher
Safety Training VR Application





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 learners the basis 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 learner 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 extinguisher 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

CO2

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 2



HTC Vive *



HTC Vive Pro Wireless *

* VR HARDWARE REQUIREMENTS

Desktop Requirements

CPU	AMD Ryzen 9 5900X
GPU	NVIDIA GeForce RTX 3080 Ti
RAM	32GB Kingston Fury RGB DDR4 3600MHz
Storage / SSD	1 TB Intel 670p M.2 NVMe SSD / 2TB Seagate HDD
Display Adapter	1x HDMI 2.1 / 3x DisplayPort 1.4a
USB Ports	USB 3.0: 2x Type-A Rear Panel / 2x Type-A 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.

A screenshot of the ArborXR management interface. The main view shows a list of devices with checkboxes and status indicators (Provisioned, Pending, Processing). A detailed view for 'Device-03' is shown below, including headset information, network information, and battery status.

Device-03
Pico Neo 3
OE7787E8N8U7YJ
STATUS: On
DEVICE GROUP: Group 5
Status: Last updated: 2 days ago (July 27, 2021 4:48am)

Headset Information		
APP TITLE	Soft Skills Training	
OS VERSION	ANDROID VERSION	CLIENT APP VERSION
10.2.11	10	2021.30.0 (Latest)

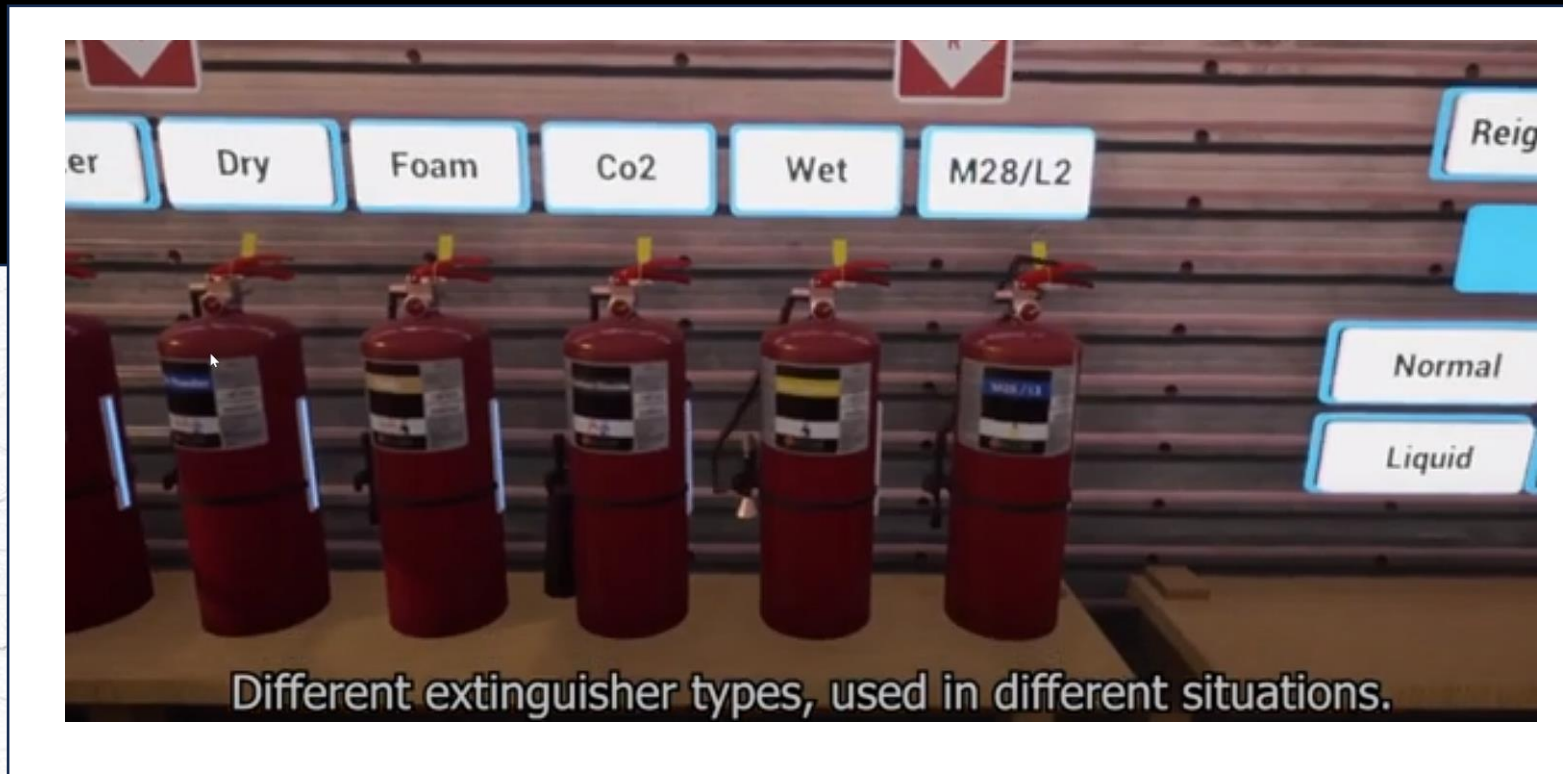
Network Information		
SIGNAL STRENGTH	99%	
SSID	Starlink	
FREQUENCY	5180 MHz	
LINK SPEED	866 Mbps	
IP ADDRESS	192.168.0.206	
MAC ADDRESS	2c:4p:79:d8:5f:5a	

Storage			
INTERNAL SHARED STORAGE	89.4/119.21 GB		
SD CARD STORAGE	16.4/59.6 GB		

Batteries			
Headset	BATTERY	TEMP	HEALTH
	98%	20° C	Good
Right	BATTERY	TEMP	HEALTH
	32%	20° C	Good
Left	BATTERY	TEMP	HEALTH
	87%	20° C	Good

VIDEO

To see more of the demo, click [here](#) to view a short video.



COSTING MODEL

Learning and Professional Services

If needed

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

VR License

£10,500

- ❖ 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
£25/per 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.

- Client hardware purchase (Quest 2, Vive*, or Vive Pro Wireless)
- For the Vive, client need a VR-compliant computer