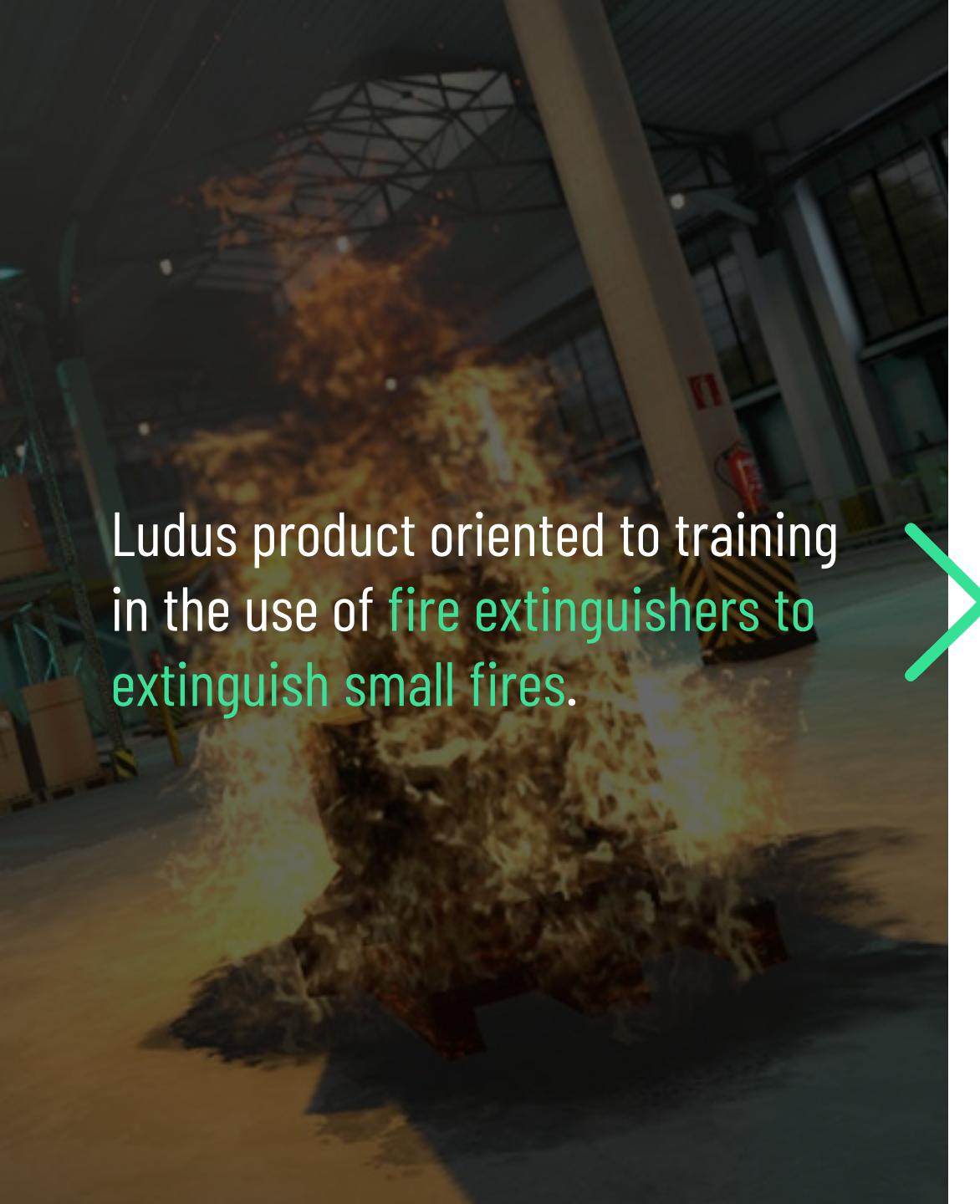


Technical Sheet



Fire safety



Ludus product oriented to training
in the use of **fire extinguishers** to
extinguish small fires.



Fire safety

- Its objective is to train in the extinguishing of small fires using fire extinguishers. This training tool can be used both by students with previous knowledge and by students without previous knowledge.
- The student must follow the steps of the **safety protocol** depending on the context in which the fire develops and select the correct extinguishing agent depending on the type of fire.

01

Simulation content



Simulation content

Extinguishing a fire

In the simulation, the student must extinguish a small fire using a fire extinguisher. To complete the training correctly, the student must follow the steps of the protocol for the use of fire extinguishers and the safety rules.

The average time to complete an exercise is 2 minutes.

What can be configured?:

- Type of fire.
- Type of fire extinguisher.
- Training scenario.
- Training mode: Guided/Unguided.

Accidents:

- When the student approaches the fire exceeding the safety distance and comes into contact with the flames, he/she will be shown the **consequences** that the error would have had in reality.

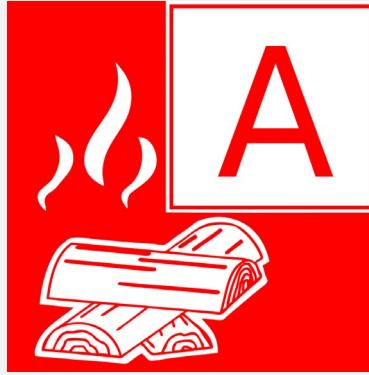




Simulation content

Fire Classes

- › Class A Fire
- › Class B Fire
- › Class C Fire
- › Class D Fire
- › Class F Fire
- › Electrical Component





Simulation content

Extinguishing agents

- › ABC multipurpose powder extinguisher
- › Water extinguisher
- › Water spray extinguisher with AFFF additives
- › AFFF foam extinguisher
- › CO2 carbon dioxide extinguisher
- › Extinguisher for combustible metals

ENTRENAMIENTO VR PARA EL USO DE EXTINTORES

SELECCIONA UN ESCENARIO

ALMACÉN INDUSTRIAL VIVIENDA OFICINA EXTERIOR

ELIGE LA CLASE DE FUEGO DEL ESCENARIO

CLASE A CLASE B CLASE C CLASE D CLASE F COMPONENTE ELÉCTRICO

SELECCIONA TIPO DE EXTINTOR

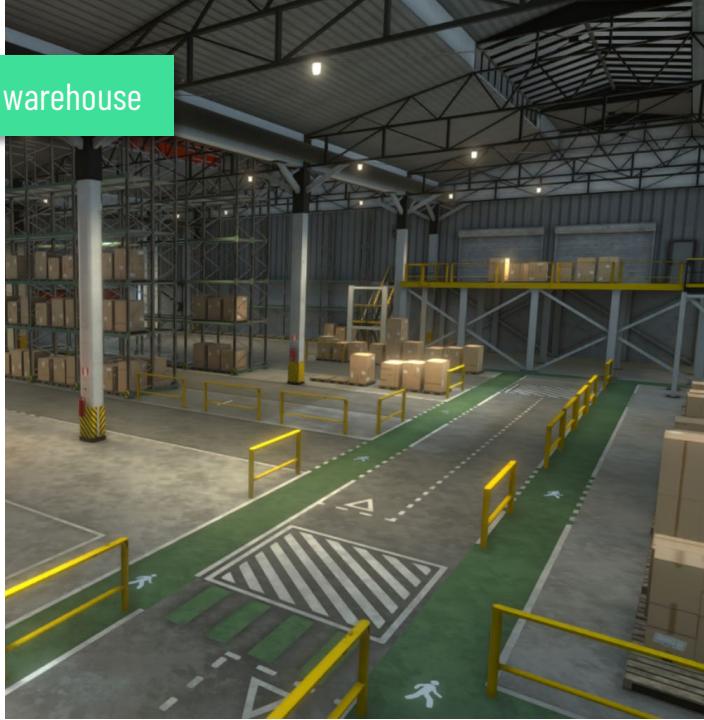
POLVO ABC AGUA AGUA PULVERIZADA + ADITIVOS ESPUMA AFFF ANHIDRO CARBÓNICO CO2 METALES COMBUSTIBLES



Simulation content

Training scenarios

Industrial warehouse



Housing



Office



Outdoor space

Simulation content

Protocol for the use of fire extinguishers

The student must complete the following actions to comply with the safety protocol for the use of fire extinguishers:

- Make sure that the extinguishing agent is suitable for the type of fire.
- Remove the seal and pin.
- Check the pressure gauge and make sure that the extinguisher has pressure and is ready for use.
- Shake the extinguisher/tap it on the ground.
- Take a test shot.
- Position yourself downwind to attack the fire.
- Project the extinguishing agent towards the base of the flames by means of zigzag sweeps.
- Move away from the fire while maintaining visual contact with it.



Simulation content

Real Environment scenario

This scenario uses the VR headset's own cameras to integrate virtual fire into **any workspace**:

- Same protocol as the other exercises.
- It can be used in any environment.
- The virtual fire is displayed realistically.
- Quick and easy space configuration, taking no more than 10 seconds.



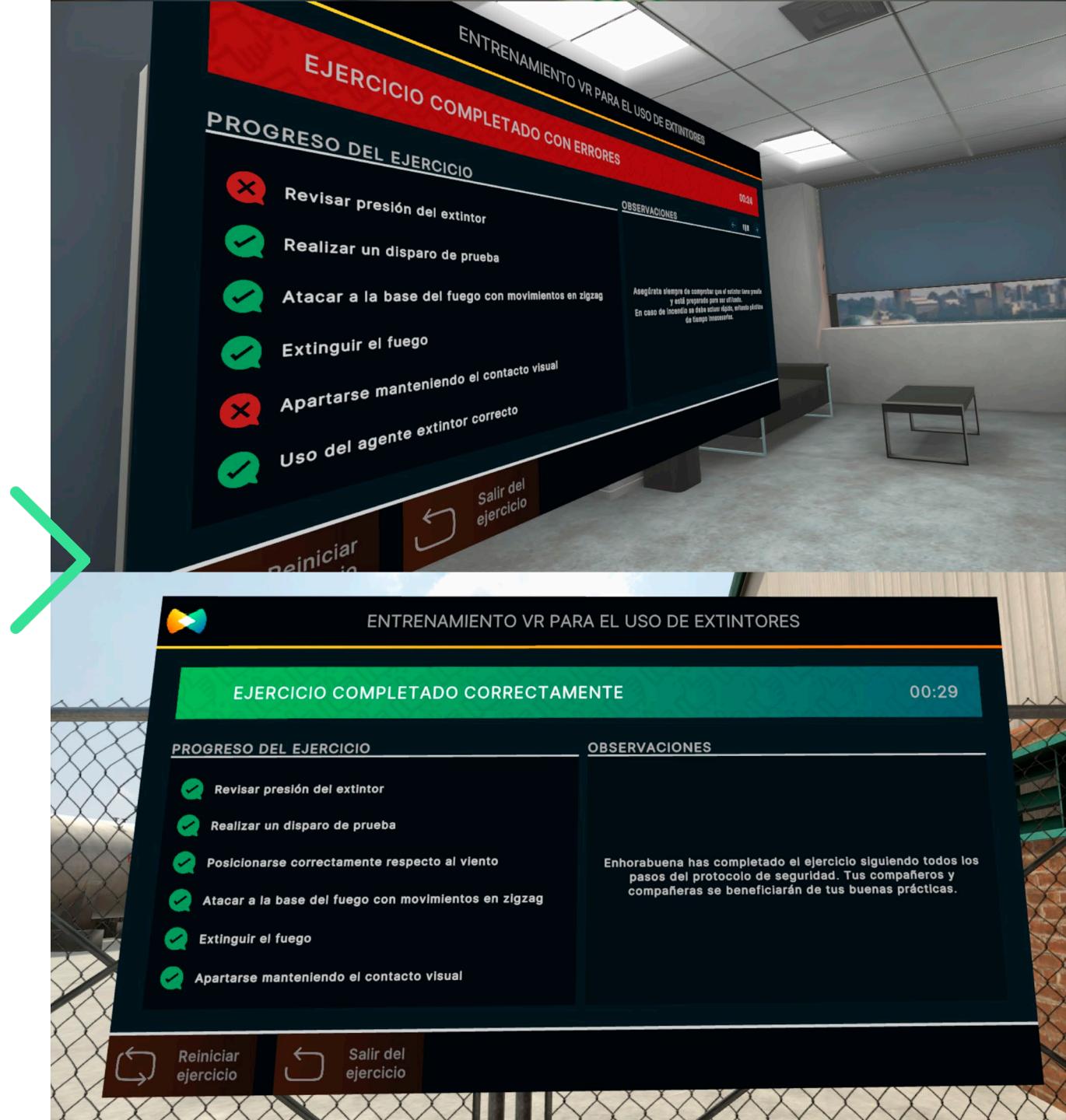


Basic statistics

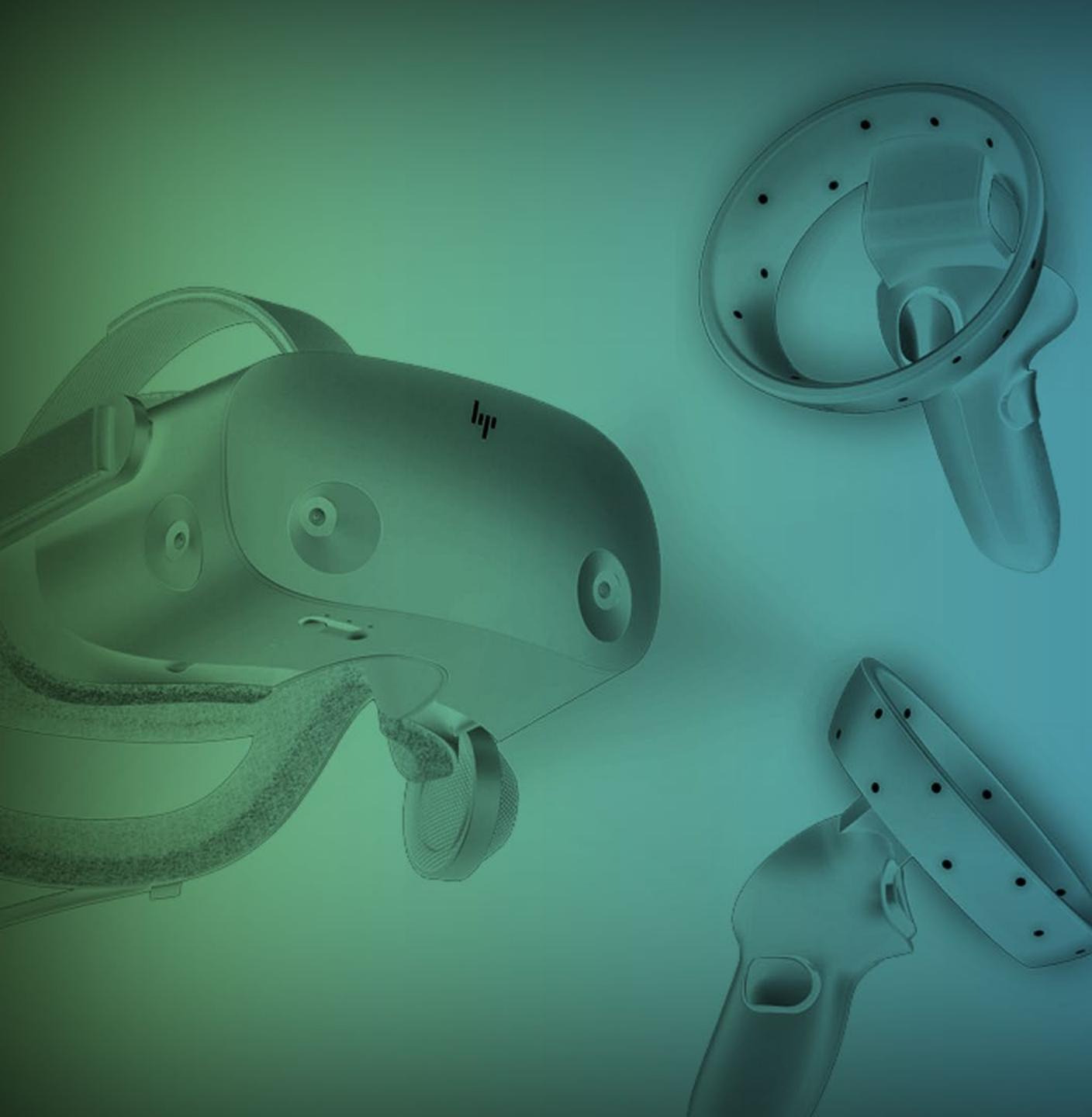
Statistics System

Basic statistics shown to the user at the end of the simulation

- Exercise timing
- Completed protocol steps
- List of mistakes
- In case of accident, additional information on damage received and avoided





A VR headset and two controllers with motion sensors are shown against a dark background. The headset has a circular sensor array on the front. The controllers are white with black triggers and motion sensors.

02

All trainings,
one platform

First European Platform

for realistic training in **labor and health security**
with Virtual Reality

Platform advantages



Content access
Living products in continuous improvement



Teacher training
Pedagogical support for teachers in the use of VR



Hardware at **cost price**

Learn by Living

Improve your classes on safety and health, adding an immersive component to the trainings



20 complete products with
more than 500 exercises.



Trainer



- Road safety
- Warehouse safety
- Mobile elevating work platforms
- Plant risk prevention
- Plant risk assessment
- Postural ergonomics
- Fall protection
- Electrical hazards
- Forklift risks
- Safety officer at heights
- LOTO
- Hand Injury Prevention
- CPR
- Fire safety
- Use and Handling of FHCs
- Overhead Crane
- Confined Spaces
- First aid
- PPE. Personal Protective Equipment
- Safety in construction

We are continually adding **new updates** and content to the platform



Calendar

of incorporation to Ludus

01

Demo

Product demonstration.
Financial proposal presentation.

02

Suscription

Platform hiring.
Reception of the material.

03

Onboarding

Welcome pack.
Commercial arguments.
Graphic resources.
Marketing sheets.
Video tutorials.
Training for trainers.

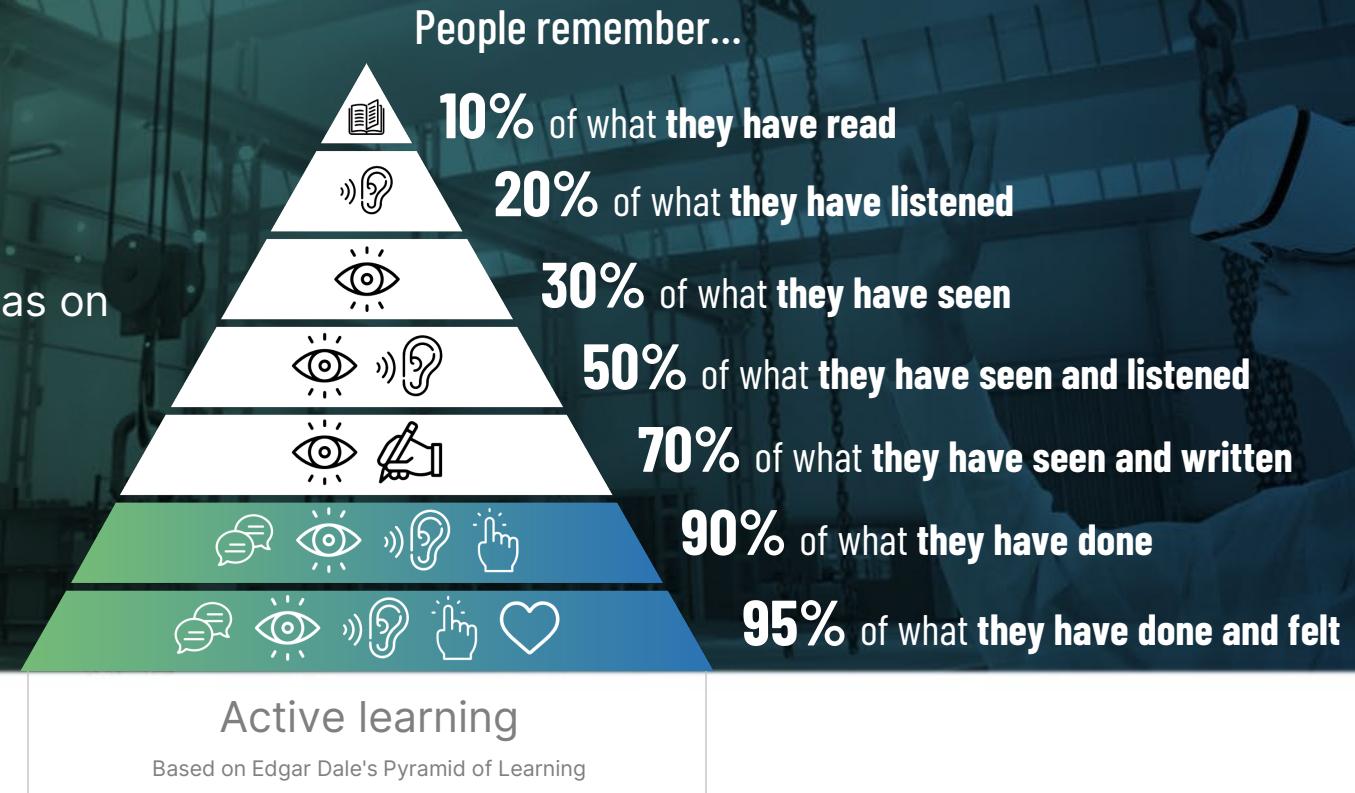
04

VR training

Unlimited use of the training resources available on the platform.
Platform maintenance and update.

Why VR?

The impact that virtual reality has on learning is **remarkable**



4 times

Faster at learning than in a conventional classroom



3.7 times

More connected to the content than learners in a classroom



2.3 times

More connected to the content than learners in e-learnings



4 times

More concentrated and focused



Learn by Living

ludusglobal.com