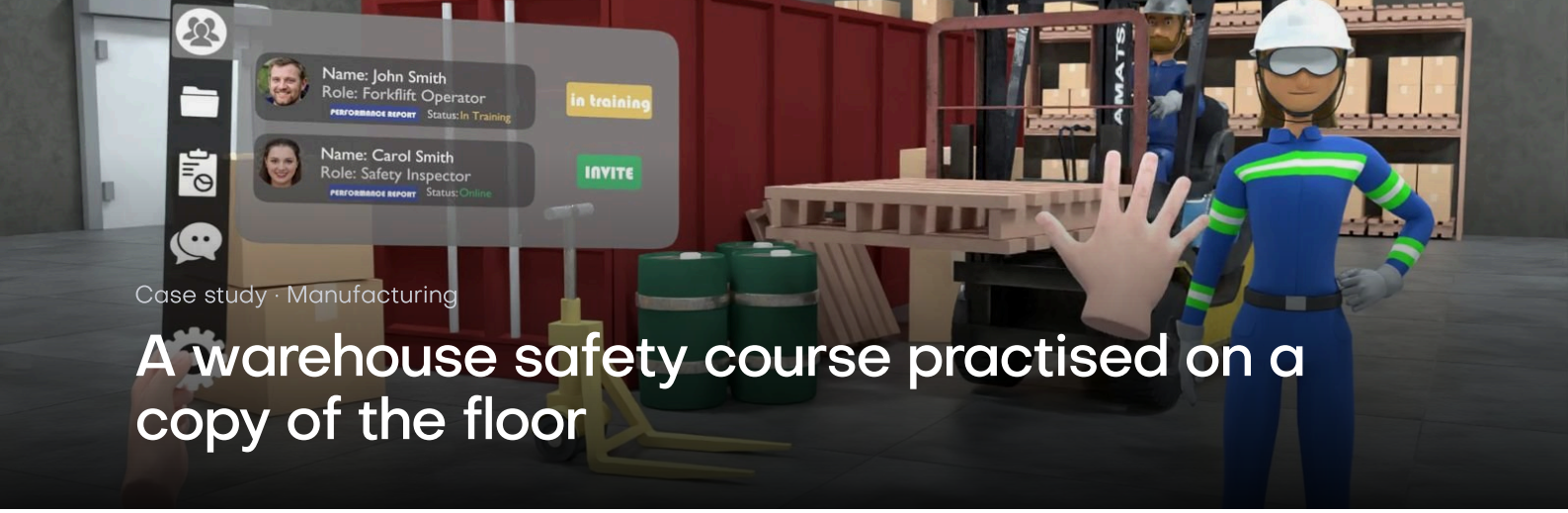


Case study · Manufacturing

A warehouse safety course practised on a copy of the floor

The challenge

A food manufacturer needed its warehouse employees to know and follow its safety protocols. A warehouse is a high-risk place: forklifts, heavy machinery, work at height and hazardous substances share the floor with people on foot. A mistake in procedure can cause a serious injury or stop operations. The company wanted a short course that held attention and let staff practise the rules hands-on before stepping into the warehouse.

What we built

We designed, built and tested a VR safety crash course shaped around the safety needs of the company's own warehouse operations. Trainees enter a virtual warehouse and work through realistic scenarios with step-by-step guidance:

- Choose and wear the right PPE: helmet, gloves, safety vest and boots.
- Use designated walkways and keep clear of forklifts, machinery and restricted areas.
- Inspect forklifts, reach trucks and pallet jacks, and pick the right truck for the job.
- Check pallets and stacking, and use correct lifting technique.
- Respond to fire and evacuation, and report hazards on a virtual tablet.
- Handle hazard scenarios with heavy machinery, work at height and hazardous substances.

A scoring system gives real-time feedback on decisions, movement and compliance. Each trainee gets a breakdown of strengths, mistakes and areas to improve, and supervisors receive reports on progress.

What changed

Warehouse staff now practise safety on a virtual copy of their workplace before they meet the real hazards. They can make mistakes in VR without injury or damage. Every employee takes the same course and the same assessment, so the company works to one consistent standard. Supervisors can see who has met it and who needs another run.

At a glance

Sector	Manufacturing, food
Delivery	VR safety crash course with assessments
Hardware	VR headsets
Trainees	Warehouse employees

Planning something similar?

Start a project at genesiscreations.co or email info@genesiscreations.co. WhatsApp +971 55 843 3183. Offices in Abu Dhabi and Cairo.