

VR SafeScaff

Safety is priceless



Virtual Reality training platform for safety education of personnel in the construction industry

Accidents in workplaces are some of the most common risk factors for companies of construction industry and scaffolding service providers. The Virtual Reality training platform for safety education developed by the Vidzeme University of Applied Sciences provides modern and safe training environment for construction site workers.

The VR SafeScaff ensures 3D immersive training experience, that enhances cognitive sense of surrounding abilities and provide individuals with the conditions for learning through physical reflex memory. In contrast with the existing training environments SafeScaff provides hands-on experience that provides the most real-life comparable settings, and event scenarios.

The training mode includes guide-through tutorial with pop-up training descriptions and construction element holograms for improved memorization. The multi-user experience provides conditions for team training opportunities and overall increased situational awareness and understanding of team co-work settings

SafeScaff PRODUCT PREVIEW



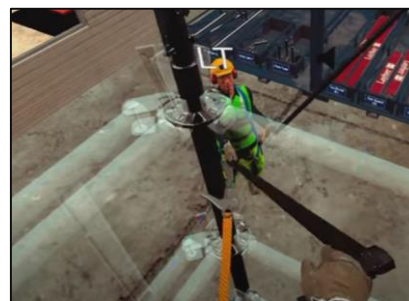
<https://youtu.be/5XBhy9vnYyk>

DISADVANTAGES OF EXISTING SAFETY TRAINING SYSTEMS

- Static 3D worlds rendered to educational videos.
- Step by step predefined training tutorials.
- Contents developed by large teams of ICT experts.
- Standalone VR experiences

PRODUCT ADVANTAGES

- Limited expenditure on training facilities & personnel
- Saved time required for scaffold set-up & disassembly
- Hardware mobility with use of MetaQuest2
- Increased cognitive awareness & memorisation
- Reduced risk of human-error caused accidents
- Learning progress analysis and editing mode
- Contained reputation risks



Multi-user collaboration experience

PRODUCT OFFER

- Functional product (TRL7)
- Optional industry logo and brand exposure
- Expert-tailored scenarios and visual environments
- Adjustable training conditions and evaluation system
- Service & expertise in VR development



Product brand placement

The product is available for sale !
We are open to further discussions

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Projekts Nr.KC-PI-2020/64 "Virtuālās realitātes platforma celtniecības nozares darbinieku drošības apmācībām" ("VR SafeScaff")



VIDZEME UNIVERSITY
OF APPLIED SCIENCES

NACIONĀLAIS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Eiropas Reģionālās
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IEGULDĪJUMS TAVĀ NĀKOTNĒ