TXR-ATG

2022

A project by

eit Manufacturing

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Telemotive Xtended Reality – Augmented Training and Guidance

VR Training	Virtual
Augmented Reality	Training

Project consortium

P&G

Vuframe®

DFKI — German Research Center for Artificial Intelligence

ČVUT — ČESKÉ VYSOKÉ UČENÍ TECHNICKÉ V PRAZE

Summary

Training employees in the industry costs companies millions of Euros each year (360 billion €/year). Trainings require an investment of time by the trainees as well as their trainers; they may require specific equipment, which may in turn require traveling to specific training facilities; the preparation of such trainings requires a lot of time to deliver good results. And even a trained employee may forget details in the beginning. The project intends to develop tools for creating effective industry trainings utilising Augmented Reality and evaluate them with real use cases in the industry (e.g. baby care). These tools will then be integrated into the modular XR platform Vuframe® by Vuframe GmbH, so they can be used for the intended as well as other applicable use cases.

The solution will influence the way people learn, train and work in production environments. By reducing abstraction and placing the content in the real-world environment, the time required for learning and the likelihood of incorrect knowledge are reduced.

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