# Transforming Education with MR (compound reality) technology



teraSpection for education support -

## Digital training to transform education without instructors and training equipment.

By Mass customization (multiproduct production) more flexible workers are required. MRs provide hands-on training without the use of actual machines can reduce the burden of instructors and contribute to short-term learning of work skills.



Service Features

#### Are there any Trouble in training new workers?

Assignment Instructor As the number of personnel increases



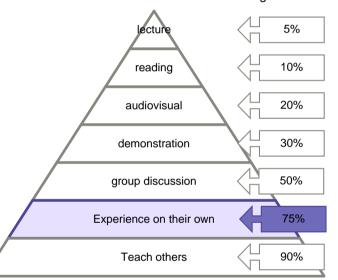
Difficulty of establishing knowledge, in basic education classes

Actual machine experience with less repeatability

practice

learning retention rate







Case Study

#### Used in various educational scenes of Utility and Manufacturing Corporations.



Practical training in material processing



maintenance of assets

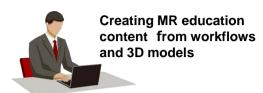


equipment operation training

### Digital transformation of education with digital data of work procedures and asset

#### preparation for education

#### **Content Creation**

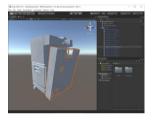


Workflow (Scenario)



and

3D Models



Creating appropriate educational content from existing operating procedures and 3D models

#### **Education**

#### Hands-on learning



Learning educational Content by using a virtual facility

MR/VR





Continuous Learning contents without actual machines

#### **Evaluation**

#### Result Collection



Collecting educational Achievements unconsciously

Achievements Visualization



Visualization of the number of learning

Leveling Skill Levels

Understand work readiness

Helping to improve workers' skills without awareness of educational records as a data



Related Solution: DIPRO Xphere (Virtual Reality for Manufacturing Industry)

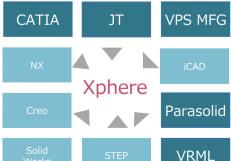
# Support for planning of product assembling and maintenance

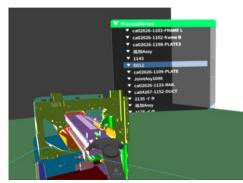
Communication hi-speed regardless of products

Multi CAD converter capable of installing CAD data

Reproducible of assembling procedures







#### Fujitsu Limited

Business Innovation Department, Utility Business Division I, Social System Business Unit contact-energysolution@cs.jp.fujitsu.com Shiodome City Center, 5-2, Higashi-shimbashi 1 chome, Minato-ku, Tokyo 105-7123 TEL:03-6252-2269