

contenuto

Reality

**AUGMENTED AND VIRTUAL REALITY
SERVICES**



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Augmented Reality (AR) is the computer rendering and augmentation of real world elements. This technology offers a world where the real and virtual worlds are intertwined. Augmented reality can be viewed as the adaptation of virtual materials to the world we live in.

In *Reality*, applying Augmented Reality technology to

- 3D Object Training,
- Maintenance And Repair Tasks

makes it possible for factory or field teams to receive training, find the best solutions for different problems and perform their tasks hands-free.

The advantages of using Augmented Reality technology in the field and in the factory are:

- Rapid Response Force
- Timely and Onsite Support
- Higher Efficiency
- Cost Reducing
- Preventing Critical Errors



Virtual Reality (VR) is a designed and animated world rather than the real world. Virtual learning environments are platforms designed to enrich learning experiences with the inclusion of developing technology in educational environments.

Imitation of real-world systems very close to reality provides great advantages in many aspects from human labor to time saving, from economic gain to prevention of boilers. It prevents both material and moral losses in the event of an accident due to human-induced errors, which have a very high production cost.

Real-time and risk-free training can be done with simulations and simulators created in the computer environment with *Reality*.