

BRIDGE THE KNOWLEDGE GAP

Whether you're preparing astronauts for space or new recruits at an electronics factory, **3D simulations help bridge the knowledge gap**. Online 3D simulations offer a realistic, inexpensive alternative to physical mockups for training employees in equipment orientation, in a realistic mockup environment before exposing them to potentially dangerous situations.

Cortona 3D RapidSimulation is the first 'out of the box' toolkit for producing interactive 3D environments that lets users 'experience the machine' and fully understand how complex equipment really behaves. This fully immersive training environment enables users to interact within a 3D scene and change the state of objects, simulating real-world equipment. The user walks through an interactive 3D environment choosing, for instance, to walk into a room and turn on the light. This action triggers a state change in the server and a corresponding change in the training environment. 3D simulation is a key learning tool for operational training on complex procedures in high risk, potentially hostile environments.

CREATE 3D IMMERSIVE ENVIRONMENTS IN MINUTES

1. Create a library of 'smart' interactive objects using predefined logic templates for 3D training environment
2. Associate required animations with smart objects, ie: dial being turned
3. Assemble the scene within the training environment -both static and smart objects
4. Associate the 3D environment with back-end server logic
5. Create 3D training environment by publishing the scene



RapidSimulation providing a virtual submarine training environment. Users walk through a fully interactive 3D environment and 'experience the machine'.

WHO USES OUR PRODUCTS?

- L3
- Boeing
- Ford
- ESA
- Airbus
- NASA
- Pfizer
- General Atomics
- Volkswagen

THE IMPACT IS POWERFUL!

A wide variety of scenarios can be identified where people in remote locations can 'experience the machine' without the cost and inconvenience of physical mockup training.

BENEFITS AT A GLANCE

- **Trains employees in a safe, virtual 3D mockup environment.**
- **Accelerates training timelines** by rapidly producing high-quality, interactive 3D training simulations and reducing time spent in hands-on training with actual machinery.
- **Produces better, more accurate training** with real-world simulations generated directly from CAD design data.
- **Cuts physical mockup costs** by replacing mockups with interactive 3D models.
- **Heightens product awareness** by widely sharing accurate, high quality and innovative support data.

