



One of the main challenges for plant & facility operations is to prepare technicians, engineers, supervisors and managers for construction, start-up, utilization, and maintenance of their assets.

Overhauls, on-boarding, and HSE-regulations require ongoing training of staff and contractors.

Traditional training methods and tools do not show the necessary retention rates, require expensive and risky on-site exercises, and to let courses keeping up with the constantly changing environment is costly and tedious.

OX Simulator can immerse your employees in realistic, virtual environments.

OX Simulator can help avoiding accidents, speed-up operational readiness, improve team productivity while reducing the effort for training preparation and execution.

Benefits

 Optimize resources	 Centralize information
 Minimize risks	 Minimize human errors
 Reduce costs	 Facilitate collaboration

“Tell me and I forget. Teach me and I remember. Involve me and I learn.” Benjamin Franklin

OX Simulator facilitates the creation & update of the Training Asset during the entire lifecycle.

The virtual 3 D Training Facility can be generated from combinations of various sources from the original asset: 3D model, 3 D Scans, 360° Photogrammetry.

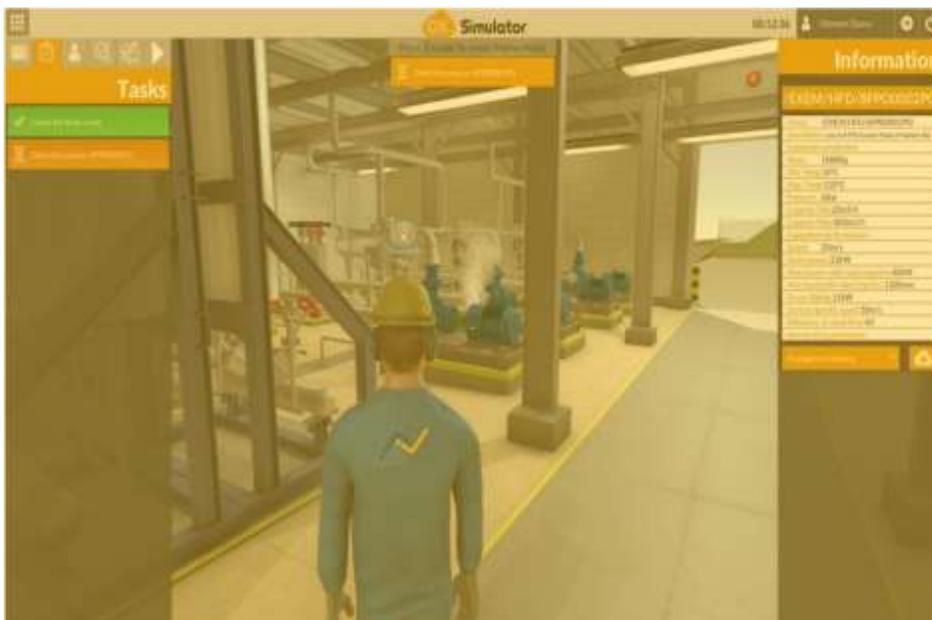
The training experience can be enriched by embedding asset background information from engineering, maintenance, ERP, documentation, manuals, instructions.

The system offers a multitude of innovative functions:

- visualize industrial plant ergonomics,
- gain in-depth operator knowledge of the plant,
- simulate vehicle operation on-site,
- night/day lighting features,
- concurrent training in the same facility with multiple trainees
- test and certify trainee’s knowledge.

Our solution enables operation managers and instructors to:

- **Create interactive scenarios:** Trainees can be trained in the most difficult procedures in the most hazardous situations while in perfect safety.
- **Create 3D ad hoc context:** Instructors can expose trainees to complex and/or critical situations. Trainees are trained interactively about solutions to ad hoc challenges and procedures to follow.
- **Create cinematic scenarios:** trainers can create individual scenarios to simulate and test HSE procedures, shut-out protocols and similar.
- **Examine trainees:** Instructors can follow learners during training sessions and assess their actions. Test scenarios with scoring can be created.



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www.ditracorp.com



contact@ditracorp.com
346-337-6115