

DATASHEET

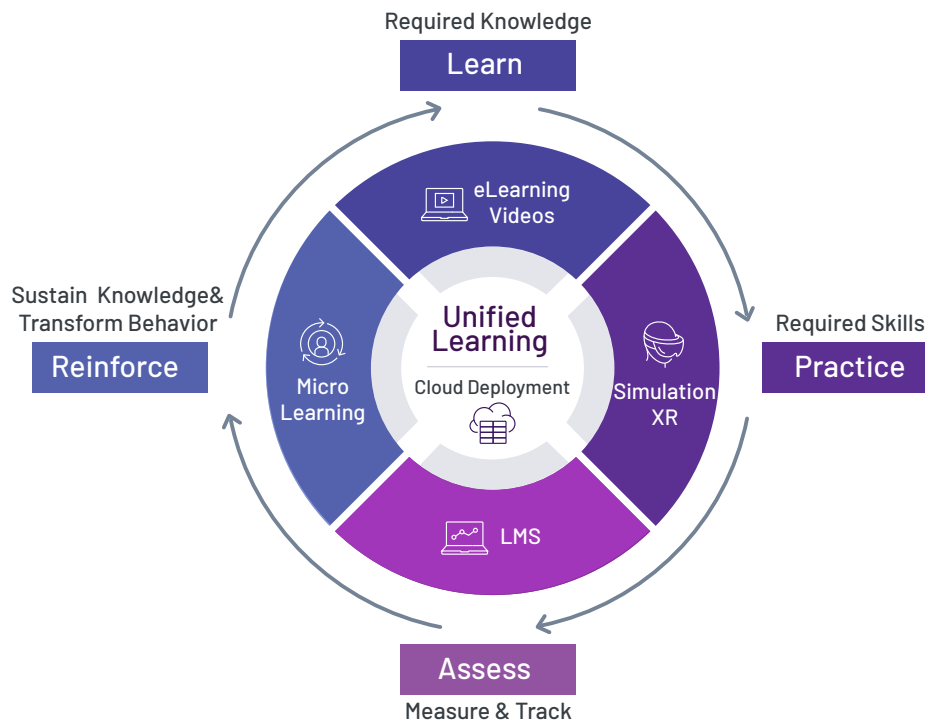
AVEVA™ Unified Learning

Experiential learning to build and sustain competence for today's industrial workforce. Eliminate operator error and ensure consistent performance once and for all.

People are at the heart of every industrial operation. Building and maintaining a competent workforce is essential to avoid safety, environmental, and production issues. Companies already invest substantial time and money in training, but few are getting the right return.

AVEVA Unified Learning focuses on measurable outcomes centered around your needs and tackles the root causes rather than the symptoms. It is an integrated and scalable training solution that is designed to build and maintain competence to improve worker performance and drive behavior change.

AVEVA Unified Learning transforms organizational performance, and combines the flexibility of cloud deployment and subscription-based pricing to support an enterprise-wide multi-site continuous learning organization. It combines eLearning, simulation, extended reality, learning management systems, artificial intelligence and microlearning, as part of a standardized yet customizable framework, so you get consistent results in performance while adapting to stay relevant and engage the worker.



Overview

The AVEVA Unified Learning framework has several components:

1. Learn

- Provides required knowledge through targeted training material.
- Uses eLearning and videos to capture all information that an instructor would typically cover in a classroom-based setting.
- Includes what-if scenarios that use branching to demonstrate cause and effect.

Fits into the worker's schedule, increasing productivity and cutting down on instruction time and cost.

2. Practice

- Gives the ability to learn by doing in a safe and controlled environment that mimics real life.
- Uses OTS to replicate the process dynamics and control configuration, and the digital twin to replicate the physical assets in a 3D environment.
- OTS and XR are used to create training scenarios that support concepts covered in the Learn stage.

Learning by doing increases retention times by 7x.

3. Assess

- Ensures workers are competent with built-in assessments that are integrated right into the eLearning, OTS and digital twin models.
- Integrated with an LMS (yours or our own) to be able to manage and track utilization and completion.

Centralizes training deployment and simplifies processes.

4. Reinforce

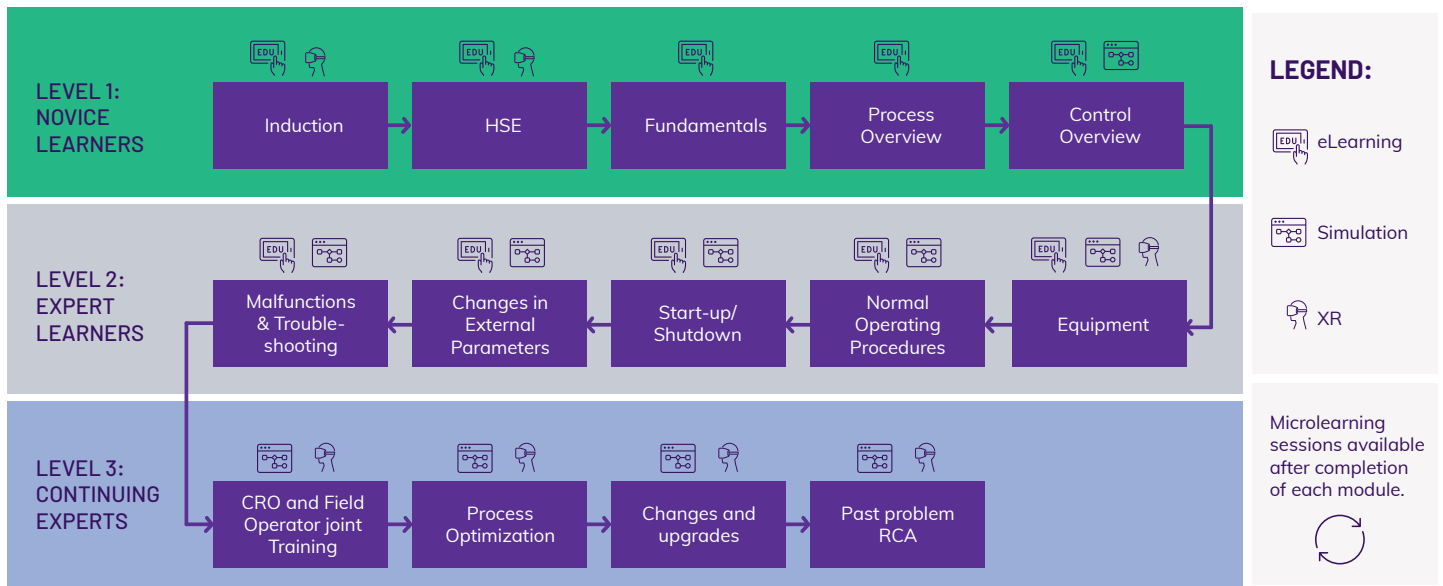
- Sustains competence and results with short and frequent reinforcement training sessions and job aids.
- Uses microlearning with AI to adapt content based on knowledge gaps, so the learning experience is always tailored and relevant to the individual.
- Uses machine learning to link plant metrics to training efforts, giving management insights on what actions they need to take to make the training more effective and drive plant KPIs in the right direction.
- Drives behavior and culture change by ingraining safe practices and ensuring workers instinctively know all the crucial information when they most need it.

Enables continuous learning to ensure critical behaviors stick.

Did you know...? People lose 90% of the content within 30 days of the training event if the content is not reinforced. One and done does not drive retention and sustain training results.

The entire Unified Learning framework can be deployed on the cloud, making learning accessible all the time, everywhere, and eliminating the need to pull someone from their job to attend training.

AVEVA works with you to establish building blocks of learning that take industrial workers from Novice to Expert while providing continuous change enablement and competency improvement for experienced, continuing experts. Below is an example of what an operator's typical learning journey might look like.



Business Value

AVEVA Unified Learning is fully customizable. While each component can be deployed as a standalone option, integration maximizes results and ROI.

- Close the competency gap by capturing knowledge from the retiring workforce and transferring it to the new generation, all while minimizing the amount of resources needed to implement training.
- Eliminate inconsistencies in performance that arise from divergent practices by standardizing training and processes, supporting operational excellence efforts.
- Sustain results and drive behavior / culture change by enabling a continuous learning organization that reinforces worker's knowledge and ingrains safe practices to retain competency long after the initial training event, ensuring workers instinctively know crucial information when they most need it.
- Extend the value of the digital twin by using it to improve worker performance.

50% cost
reduction

40-60% reduction
in learning time

50% boost in
productivity

7x increase in
knowledge
retention

Improved safety. Reduced downtime.
Maximized production. Reduced human error.

Features

- One Stop - Simulation (OTS), XR and Learning Design and Development all in house at AVEVA.
- Cloud - AVEVA Connect for Simulation and XR.
- LMS - Ability to connect to your Learning Management Systems or in-house LMS available.
- End-to-end integrated and scalable solution.
- AI-infused Microlearning offering to sustain competency and transform culture.
- AVEVA experience and credibility in operations & learning.

For more information visit sw.aveva.com/engineer-procure-construct/simulation-and-training/unified-learning