JUNE 17 2021

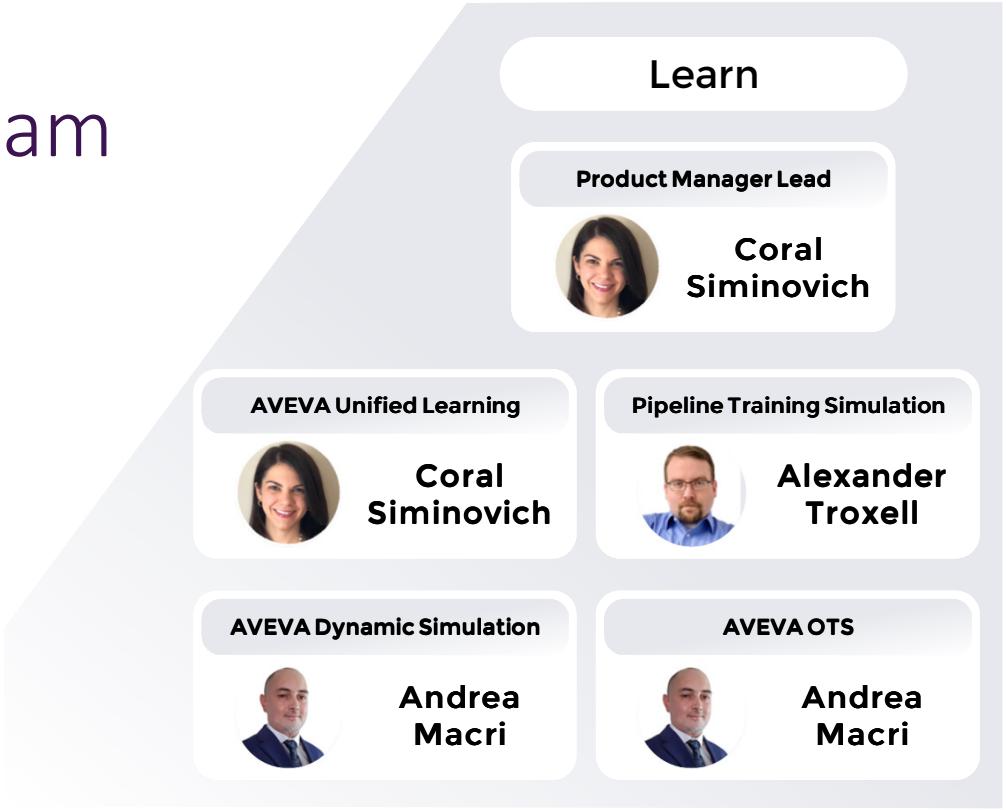
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Process Simulation & Training EMEA Advisory Board

AVEVA Unified Learning

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Meet the team



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Agenda

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1. AVEVA Unified Learning
2. AVEVA Dynamic Simulation & OTS

----Break----

3. Learning Monitoring Tool for OTS - Prototype
4. AVEVA Pipeline Training Simulator

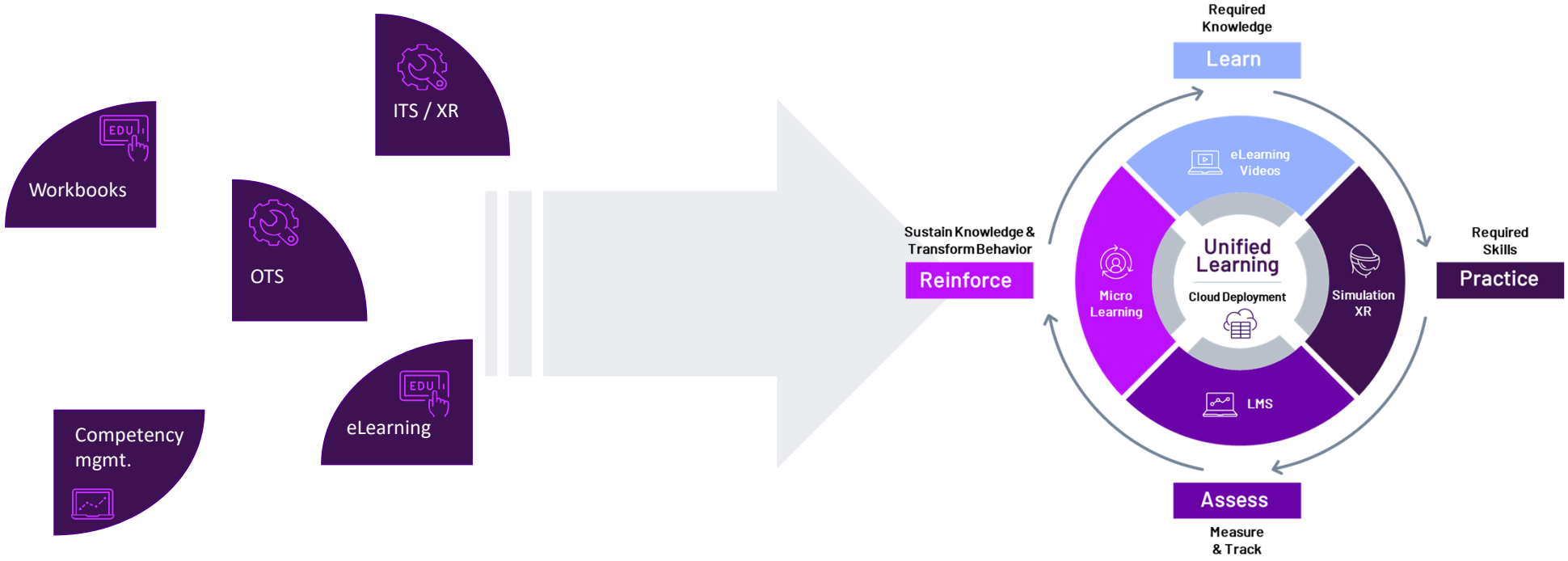
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AVEVA Unified Learning

Going from a point solution to a unified approach



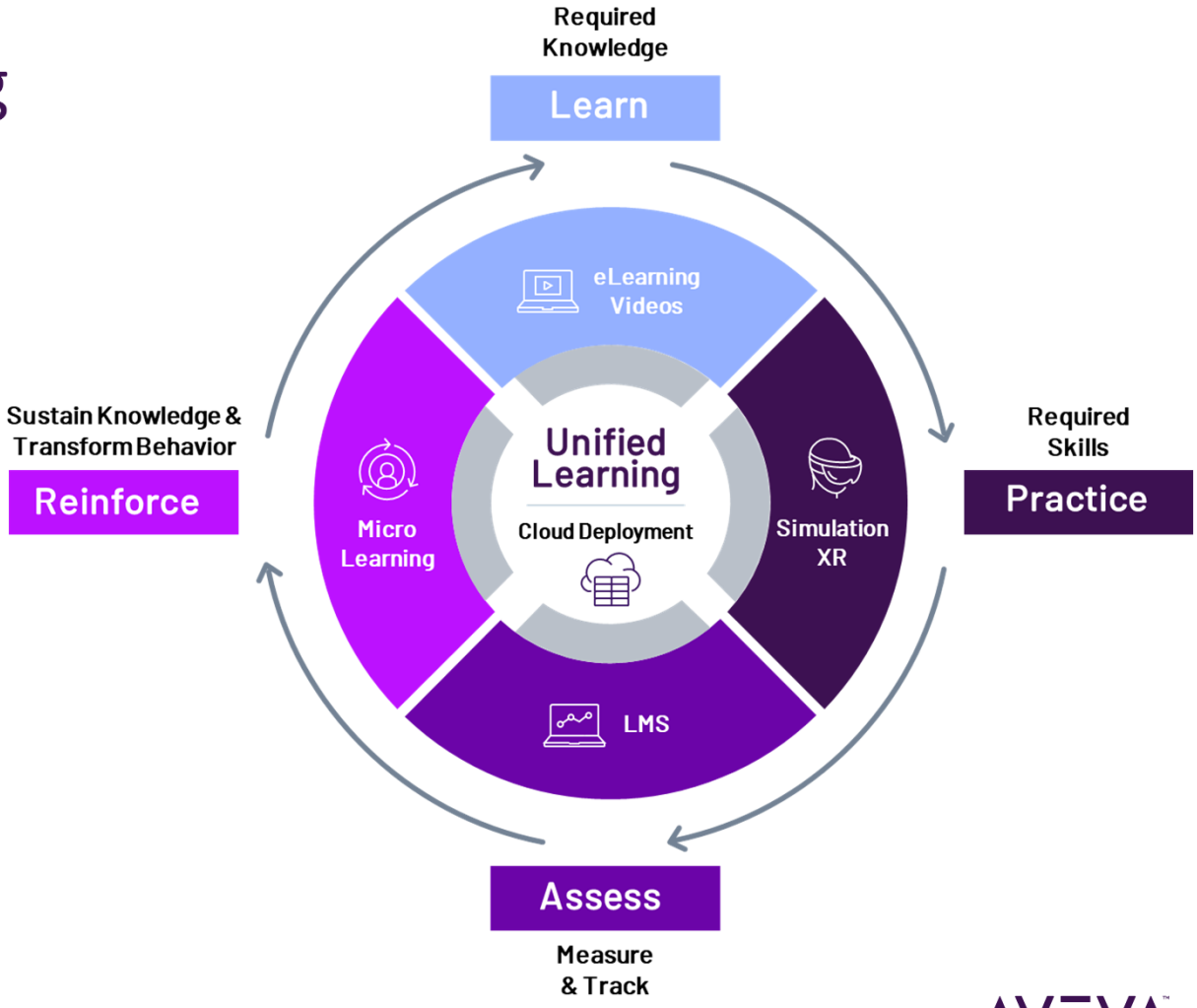
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AVEVA Unified Learning

Official release and platform launch

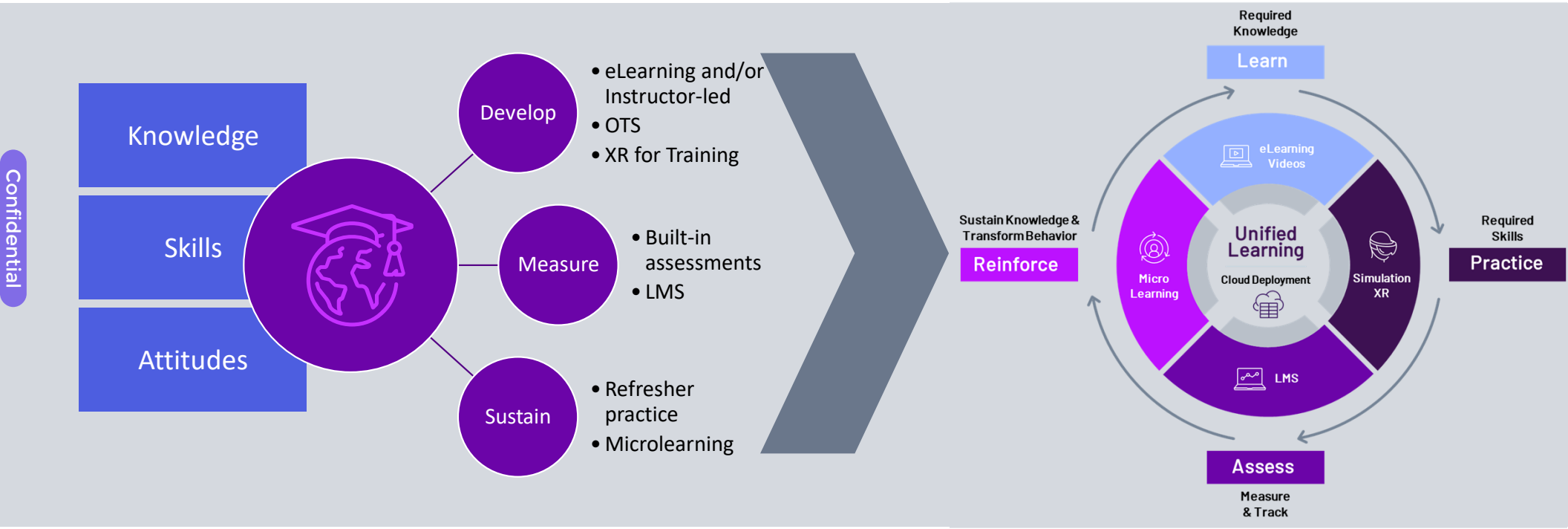
Cloud-First integrated and scalable platform for the deployment and management of industrial experiential training programs.



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Building a competency-based program with AVEVA Unified Learning

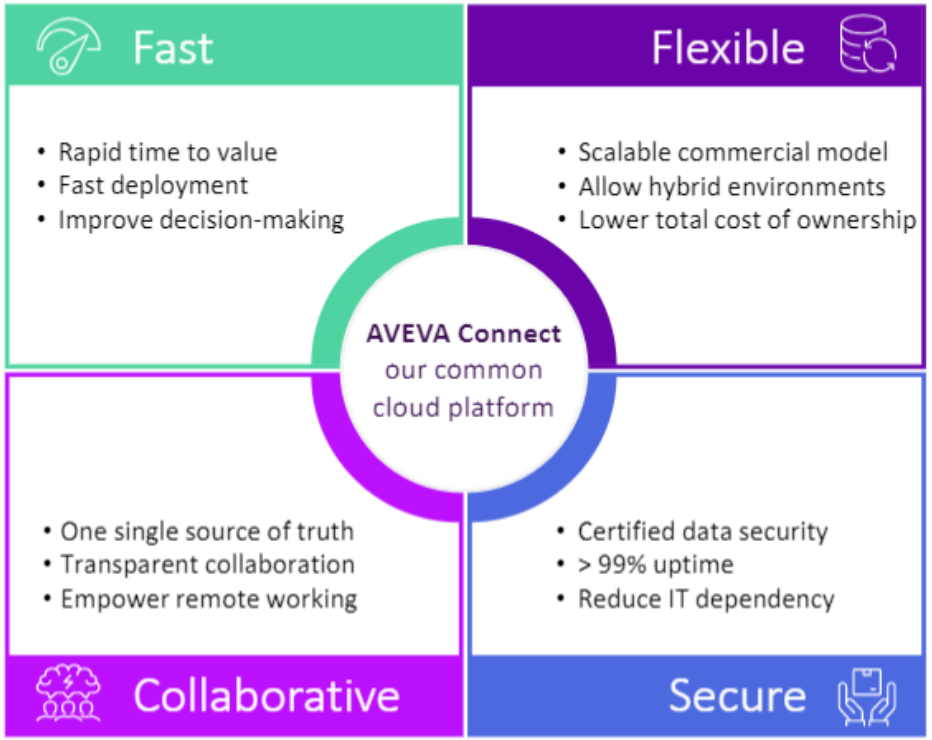


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Reducing cost of training with Cloud

- Reduce hardware and IT cost
- Free up instructor resources
- Scale up or down as needed
- Reduce travel costs
- Train people faster



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Cloud Access to AVEVA's portfolio of training applications

AVEVA Unified Learning

Master fundamentals with ready-to-use operator training simulators and eLearning

- Process Competency Training
- Pipeline Competency Training
- OEG Knowledge Library

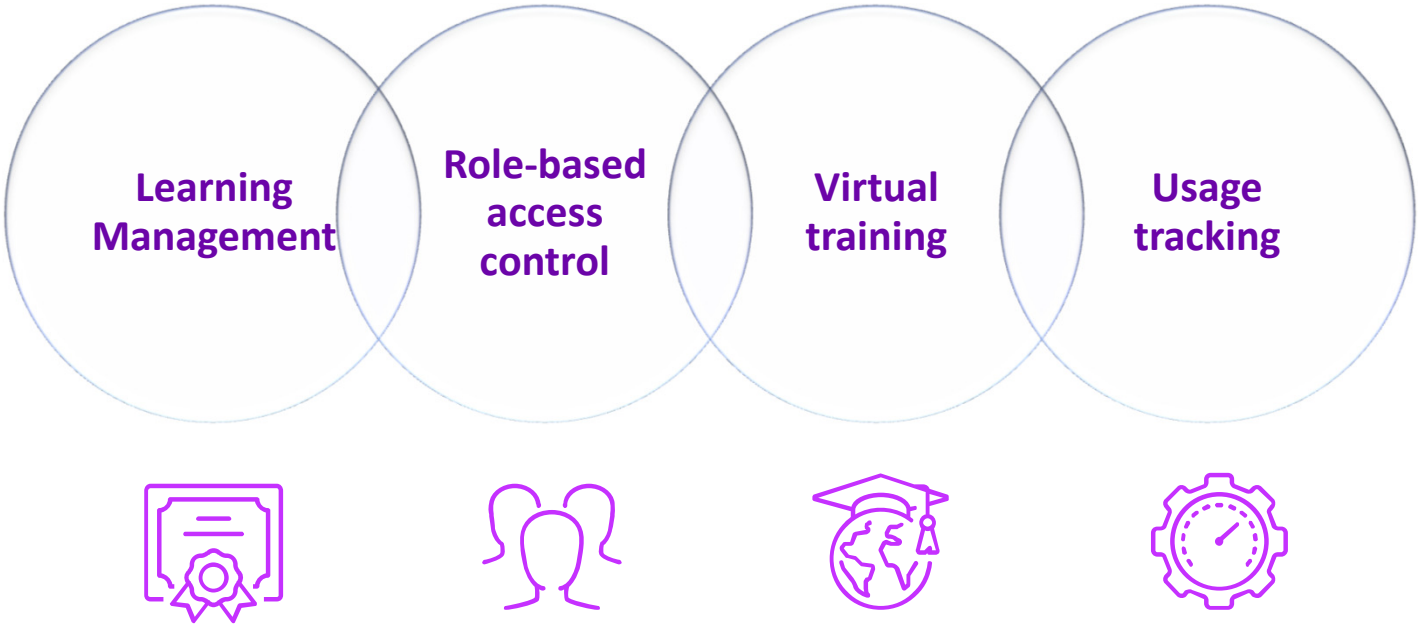
Improve operations and safety with customized solutions **to match your operating environment**

- AVEVA™ Operator Training Simulator
- AVEVA™ XR for Training

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AVEVA Unified Learning platform core features



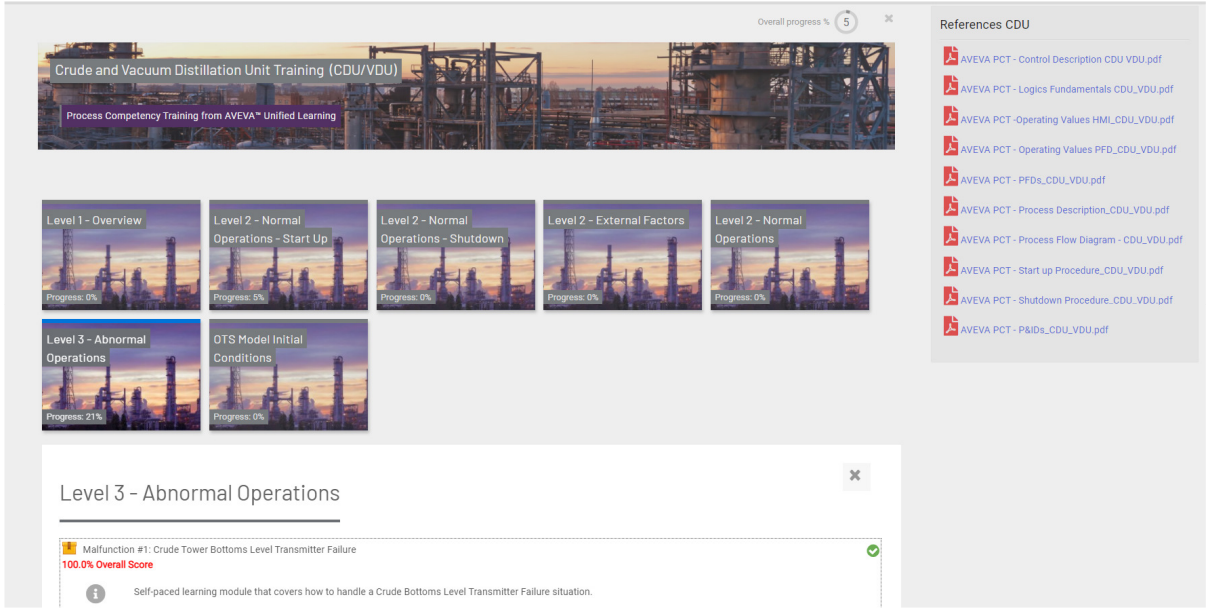
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Ready-made content from AVEVA

Process Competency Training



- On-demand OTS-based training
- Course components:
  - eLearning modules
  - Practice exercises on generic OTS
  - Assessments
  - Trainee documentation
  - OTS system for instructor-led training

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Process Competency Training Roadmap

Today

- Crude Distillation / Vacuum Distillation Unit
- Delayed Coker Unit
- Sulphur Recovery / Amine Regeneration / Sour Water Stripping Unit
- Distillation Column
- Combined Cycle Power Plant
- Ammonia Process Unit

Tomorrow (CY 21 - 22)

- Hydrocracking Unit
- Hydrogen Plant
- Naphtha Hydrotreater / Continuous Catalytic Reformer
- Diesel Hydrotreater
- Fluidized Catalytic Cracking Unit

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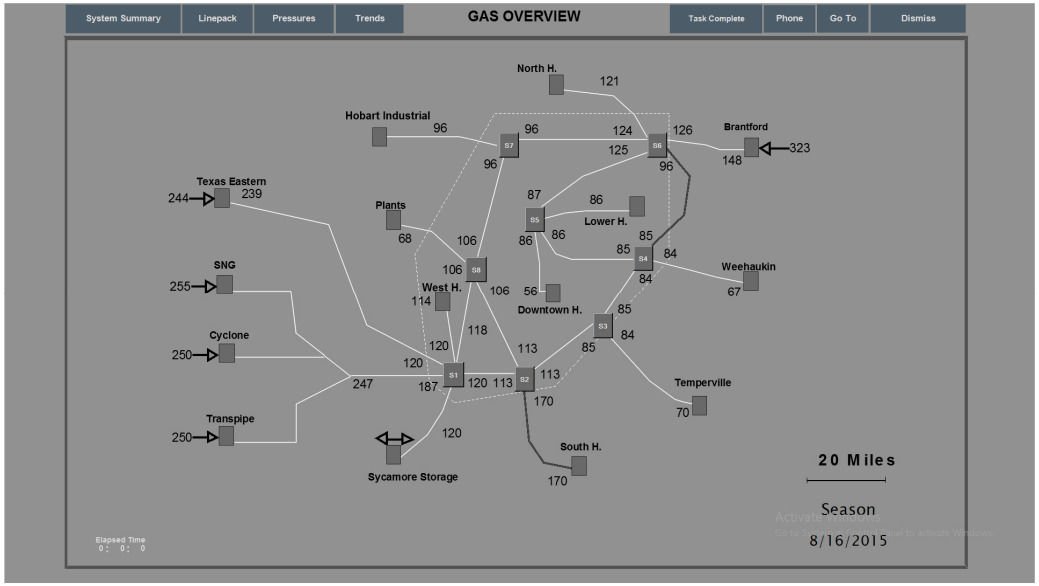
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Pipeline Competency Training

Pre-configured pipeline training simulator:

- Products
- Crude
- Gas



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- Full functionality of customized trainer including complete OASyS SCADA interface

- Course components:
  - eLearning modules
  - Practice exercises on generic OTS
  - Assessments
  - Trainee documentation
  - OTS system for instructor-led training

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OEG Knowledge Library

Video-based microlearning courses

- Basic Process Science
- Valves
- Centrifugal Pumps
- Heat Exchangers
- Fired Heaters
- Distillation
- Midstream

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Be future-ready

Accelerate ROI

Learn more

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What's next (CY 21 – 22)

Expand training capabilities for OTS & XR

- Multiple trainees in the same OTS session
- Manual scores for instructor-based assessments
- Learning Monitoring Tool integration
- Expanded OTS cloud capabilities

Improve training agility / ease of maintenance

- End-user configuration of OTS training scenarios as a training activity in LMS
- Self-perform training content updates

Facilitate global deployment

- External LMS integrations
- Multiple languages
- Automated region selection for OTS/XR

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ABOUT AVEVA

AVEVA is a global leader in industrial software, driving digital transformation and sustainability. By connecting the power of information and artificial intelligence with human insight, AVEVA enables teams to use their data to unlock new value. We call this Performance Intelligence. AVEVA's comprehensive portfolio enables more than 20,000 industrial enterprises to engineer smarter, operate better and drive sustainable efficiency. AVEVA supports customers through a trusted ecosystem that includes 5,500 partners and 5,700 certified developers around the world. The company is headquartered in Cambridge, UK, with over 6,500 employees and 90 offices in over 40 countries.

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