Extending Operations Control with the Cloud – AVEVA Teamwork

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Agenda

• AVEVA Overview
• AVEVA Teamwork Introduction
• Core Components
• Teamwork in Action
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Leverage a holistic portfolio purpose-built for industry

**Convergence IT/OT/ET**

**Enterprise Visualization**
Gain single-pane-of-glass visibility across engineering, operations, and business information

**Data Sharing**
Collaborate securely within and beyond the enterprise

**Applications and analytics**

**Simulation and Learning**
Accelerate process design innovation

**3rd party ERP, CRM, PLM**

**Engineering and Execution**
Maximize efficiency of capital projects

**3rd-party apps and analytics**

**Asset Performance**
Improve reliability with AI insights

**3rd-party systems and databases**

**Production Optimization**
Optimize productivity and quality in real time

**Operations Information**
Break through silos with contextualized information and self-service tools that accelerate analytics projects

**Planning and Scheduling**
Stay ahead of a fast-changing market

**Information management**

**Engineering Information**
Deliver projects on time and improve safety and performance with rapid, intuitive access to the digital twin

**Automation and control**

**Operations Control**
Drive instant decision-making and safe operations with responsive visualization and control

**Operations Information**

**3rd party sensor data and other data sources**

SCADA
PLCs
MMMs
DCSs
Historian
Edge/IIoT
What is AVEVA Teamwork?

A collaborative performance and support platform designed to empower factory workers with the knowledge & tools they need to do their jobs effectively and increase plant productivity and operational excellence.
Bringing Knowledge & Digital Together

Experienced
Best Practices
Tribal Knowledge

Tech Savvy
Collaborative
Untapped Potential
A Standardize Experience

We take a standardized approach to the “Connected Worker”

1. **Digitalize**
   - Capture manufacturing processes and collaborations and digitalize them using low code technology
   - Transform how work is done in the plant

2. **Standardize**
   - Manage best practices, KPI’s, product specifications and compliance and safety data between sites

3. **Improve**
   - Continuous improvement of processes based on rich data collection with governed change management
Connect Your Entire Workforce to Teamwork

- Instant access to instructions, checklists and forms at workstations
- Solve problems and capture best practices in the flow of daily work

Real-time visibility into plant floor and daily operations

Establish global standards and ensure compliance

Mobile App

Web Browser
Scan Anything

Look for barcodes or QR codes located on machines and Products, and voila! We'll take you there in the blink of an eye.

Next
Email Notification for “Call for Help”

Start the new year prepared for in-demand jobs with Google Career Certificates.
Edward Thongphamth

I think there is something wrong the bottles are running to fast and breaking

#BreakingLine?
**Extension & Integration**

**HMI / SCADA**

**AVeVA**

**MES**

**AVeVA**

**CMMS**

**AVeVA**

**USER MANAGEMENT**

**AVeVA**

**ERP**

**AVeVA**

**QMS**

**AVeVA**

**CONTENT**

**AVeVA**

**LMS**

**AVeVA**

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**AVeVA Teamwork**

- Real time view into production metrics, trigger posts from MES to Teamwork and reverse
- News posts can be turned into work orders in the CMMS
- Posts related to downtime can be synchronized with ERP logs
- Bi-directional links between SOPs in QMS and instructions
- Skills can feed updates to LMS on status of worker competencies, skills can link to content in LMS

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**Types of Integration**

Linking & Embedding e.g. dashboards, documents, forms, custom apps

API Calls e.g. assets, requests & statuses, events, data, KPI, SAML, SCIM

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Workers

Management

Corporate
Empowering the Connected Worker

Remote Working

Team Working

Decision Making

Job Satisfaction

Guided Work Execution

Safety
Next Session: AVEVA Teamwork Onboarding Tips and Tricks

Communication & Daily Collaboration

Issue Identification & Management

Curate & Build Digital Knowledge

Implement Skills Development

Phase 1

Phase 2

Phase 3

Phase 4
Questions?
Please wait for the microphone.
State your name and company.

Please remember to...
Navigate to this session in the mobile app to complete the survey.

Thank you!
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Over 20,000 enterprises in over 100 countries rely on AVEVA to help them deliver life's essentials: safe and reliable energy, food, medicines, infrastructure and more. By connecting people with trusted information and AI-enriched insights, AVEVA enables teams to engineer efficiently and optimize operations, driving growth and sustainability.

Named as one of the world’s most innovative companies, AVEVA supports customers with open solutions and the expertise of more than 6,400 employees, 5,000 partners and 5,700 certified developers. The company is headquartered in Cambridge, UK.

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