What is AVEVA AI?

We leverage AI to make our Industrial Software better and more intelligent.

We don’t do “AI for AI’s sake.”

AVEVA AI is pervasive across our industrial portfolio:
- Engineering
- Operations
- Performance
- Maintenance
- Simulation
- Value Chain Optimization
- Data
AVEVA AI Vision

Sustainable Future

- Reduced fuel consumption
- Improved carbon capture
- Lower GHG emissions
- Smaller carbon footprint
AVEVA AI Vision

Autonomous Plant

- Industry 5.0
- AI and humans working together
- AI no longer just a “tool”
- Humans can do more with AI alongside
AVEVA AI Vision

Digital Intellect

• AI-driven industrial software
• AI-driven industrial knowledge
• Fast on-boarding
• Objective-driven
AVEVA AI Strategy

Vision
• Help industrial customers provide a **Sustainable Future**
• Drive the **Autonomous Plant**
• Create comprehensive **Digital Intellect**

Strategy
**Infuse**  **Integrate**  **Intellect**

Cloud enables the reach
AI establishes the intellect
AVEVA AI Strategy

Vision
• Help industrial customers provide a **Sustainable Future**
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Strategy

- Infuse
- Integrate
- Intellect

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Artificial Intelligence Infused

Across AVEVA’s broad product portfolio

17 commercially released AI products

Predictive
Performance
Prescriptive
Prognostic
Perceptive

- Automated Analytics
- Guided Analytics
- Predictive Analytics/Maintenance
- Asset Prescriptive Analytics
- Process Optimization
- Predictive Quality/Throughput (batch)
- Remaining Useful Life Estimation (RULE)
- Predictive Asset Optimization (PAO)
- Schedule AI Assistant
- Realtime Crude
- Grey-box Modeling
- AI-infused Dynamic Simulation
- E3D Whitespace Optimizer
- E3D Suggestive Design Framework
- Point Cloud Manager
- Advanced Process Control (APC)
- InSight OMI App (native integration with System Platform SCADA)
- AI inferencing
- Vision AI Assistant
- Knowledge Linking

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What is Knowledge Linking?

Challenges with different types of Data

• Getting started; setting things up
• Leveraging multiple applications and data sources to help solve problems
What is Knowledge Linking?

So how do you make use of all of it?

• A complicated solution is not scalable
• A lot of required services is not scalable
• A costly implementation is not scalable

We need a better way

Knowledge Linking:
• Intuitive
• Simple to use
• Secure
• Useful

It just works!
Industrial AI Assistant

Knowledge Linking
Industrial AI Assistant

1. Fast onboarding
   • No manual data mapping
   • No manual hierarchy building
   • No setting up relationships

2. Objective-driven AI
   • Ask a complex question “Why is my turbine performing worse this month compared to last?”
   • Breaks down the question into component parts
   • Queries different applications and data sources
   • Compiles the results & conclusion in context
Industrial AI Assistant

1. Fast onboarding
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Secure
Industrial AI Assistant

2. Objective-driven AI

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Secure

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What is a successful industrial AI implementation?

- No science projects!
- It must add real value
  - Increased efficiency
  - Improved sustainability
  - Revenue growth
- Quantifiable ROI
- Easy to implement (not a massive effort)
- Doesn’t require a lot of oversight
- Safe, secure, & trusted
- Manageable and repeatable
- Scalable across the enterprise
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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