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# AVEVA Industrial AI Overview


Intelligent Software


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AVEVA

# 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

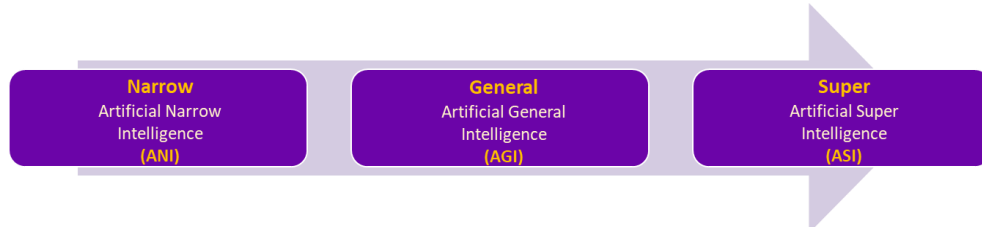


Value Chain Optimization



Data

# AVEVA AI Vision

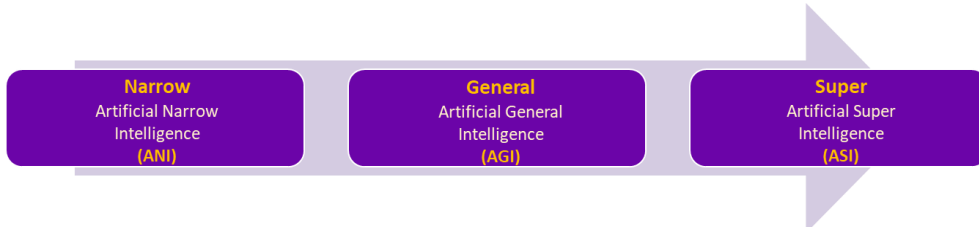


## Sustainable Future

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

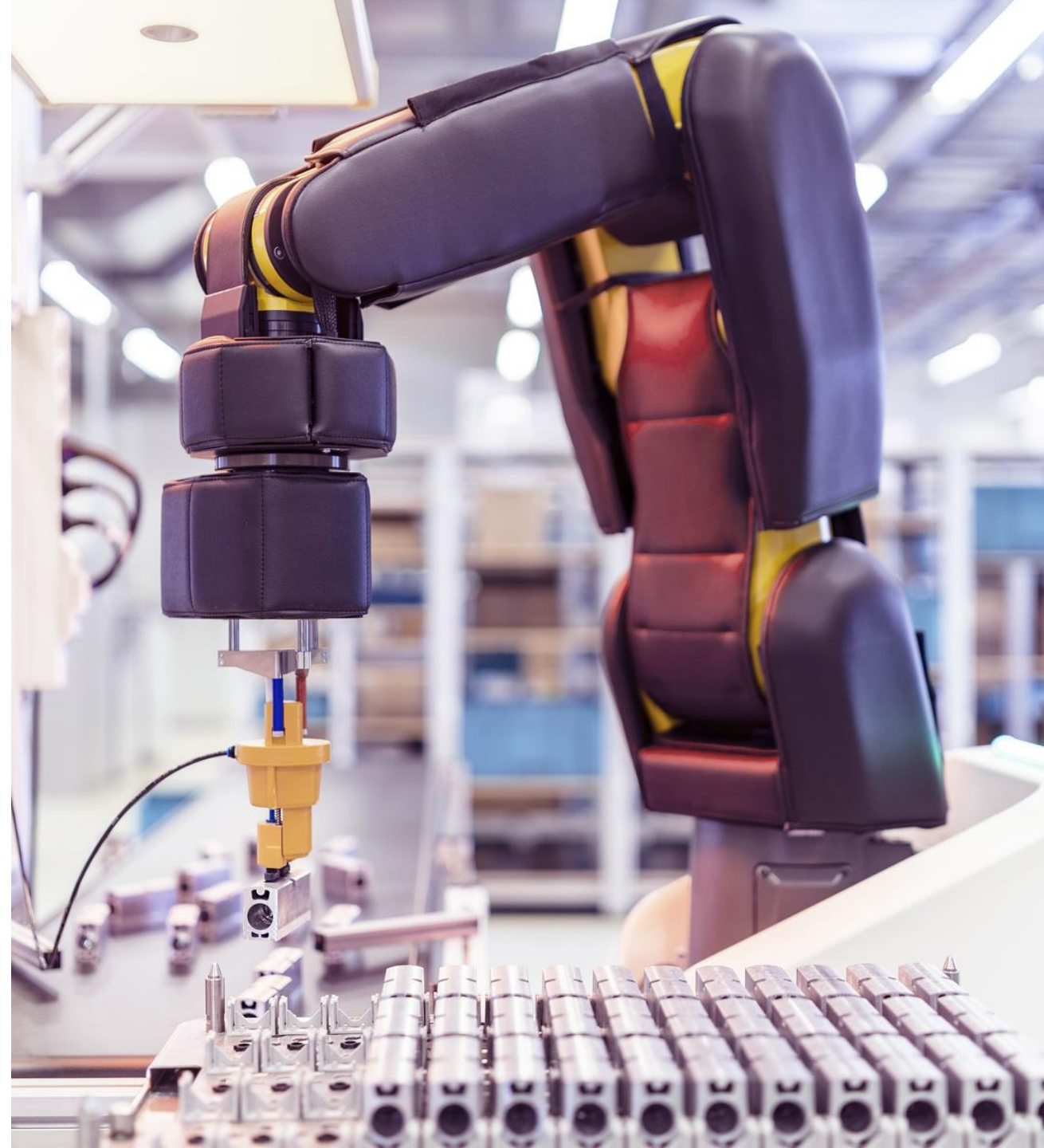


# AVEVA AI Vision

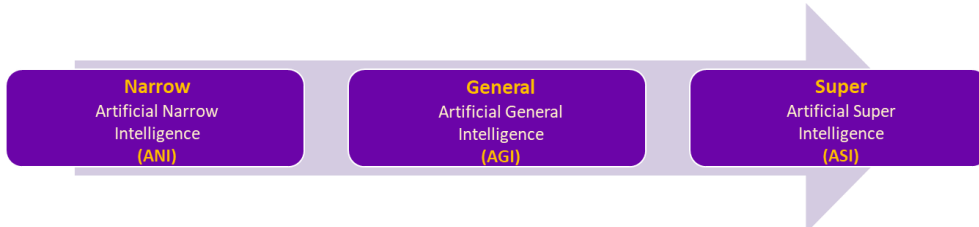


## Autonomous Plant

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



# AVEVA AI Vision

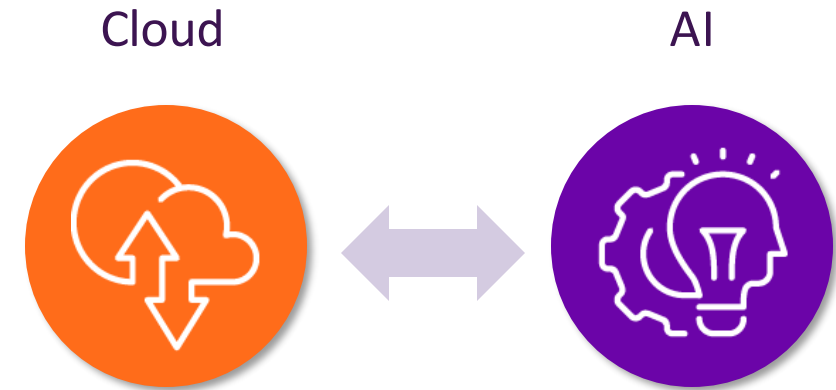
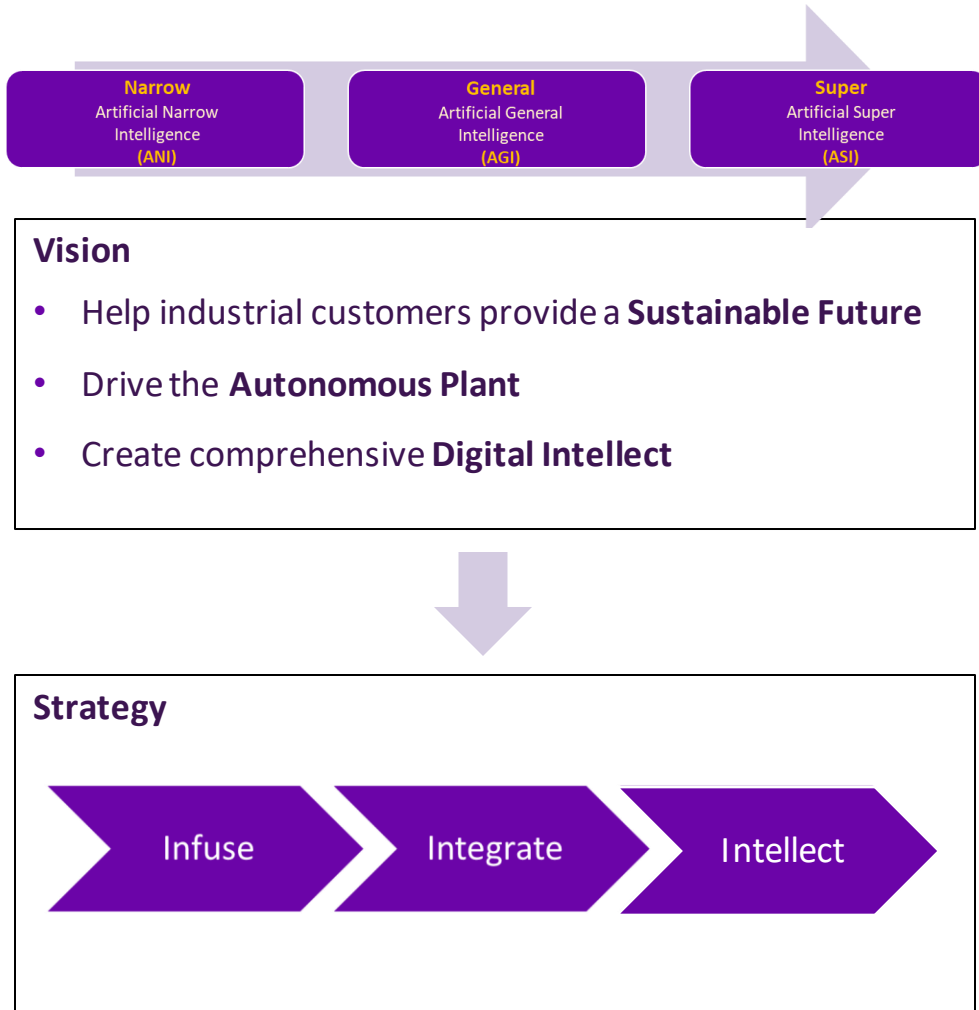


## Digital Intellect

- AI-driven industrial software
- AI-driven industrial knowledge
- Fast on-boarding
- Objective-driven

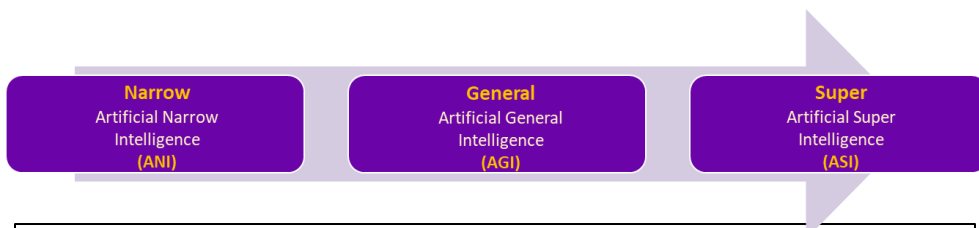


# AVEVA AI Strategy



Cloud enables the reach  
AI establishes the intellect

# AVEVA AI Strategy

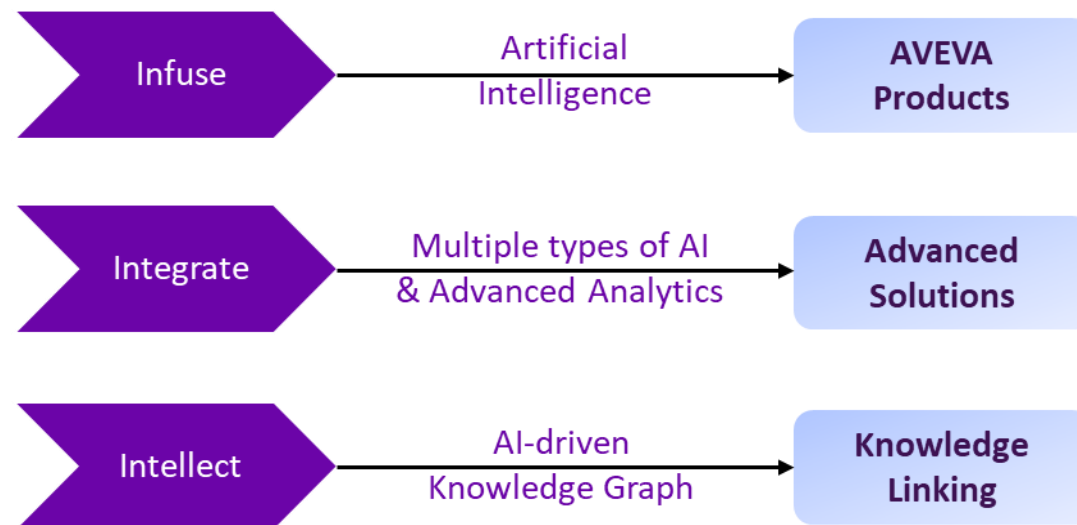
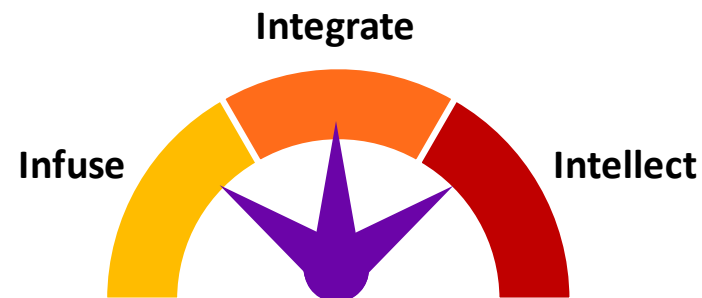


## Vision

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



## Strategy

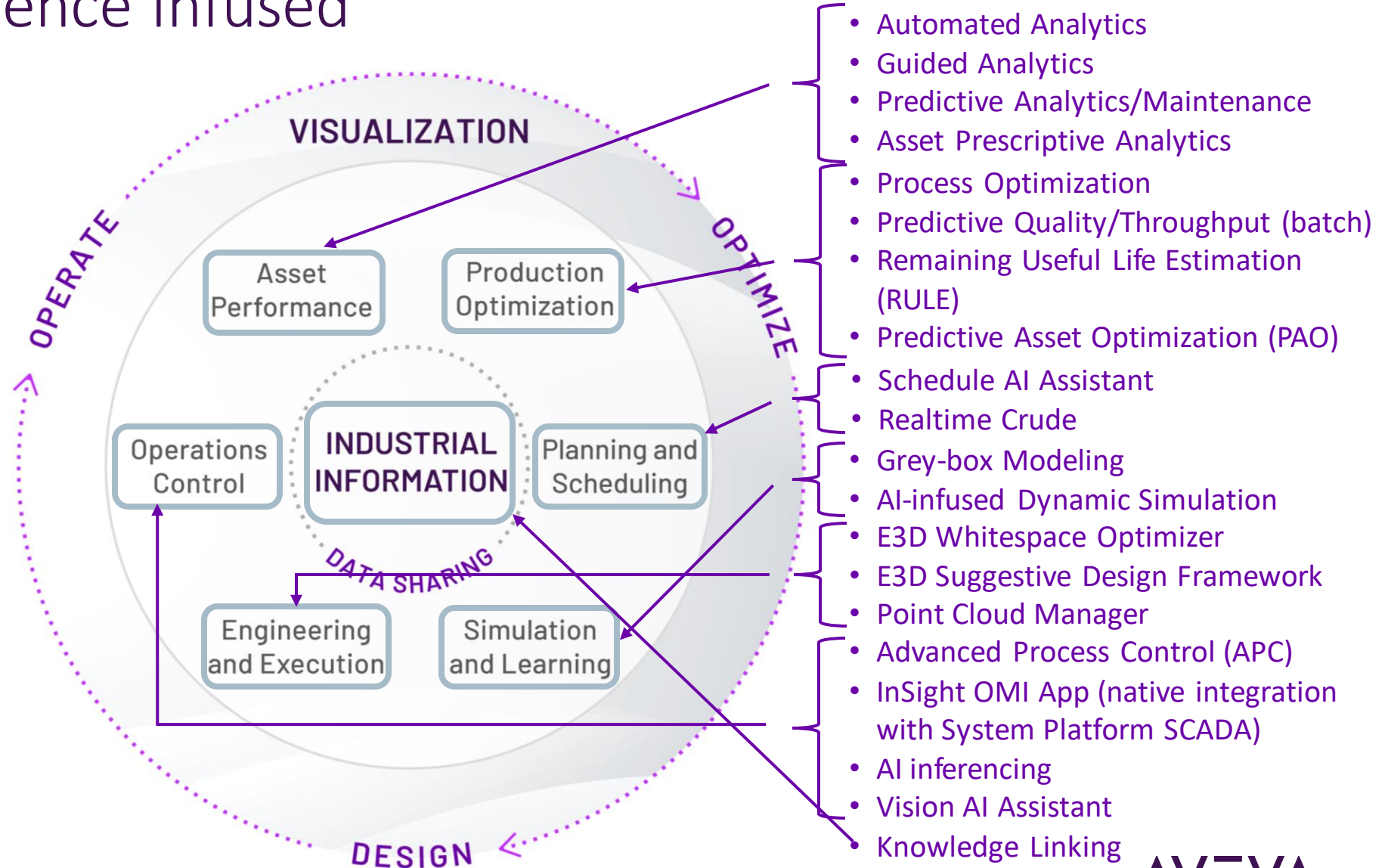


# Artificial Intelligence Infused

Across AVEVA's broad product portfolio

**Predictive**  
**Performance**  
**Prescriptive**  
**Prognostic**  
**Perceptive**

17 commercially released AI products



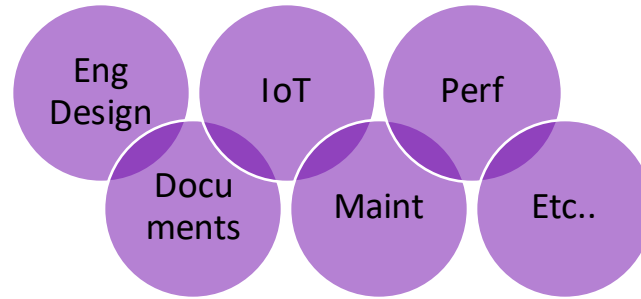


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# What is Knowledge Linking?

## Challenges with different types of Data

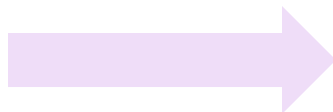
- Getting started; setting things up
- Leveraging multiple applications and data sources to help solve problems



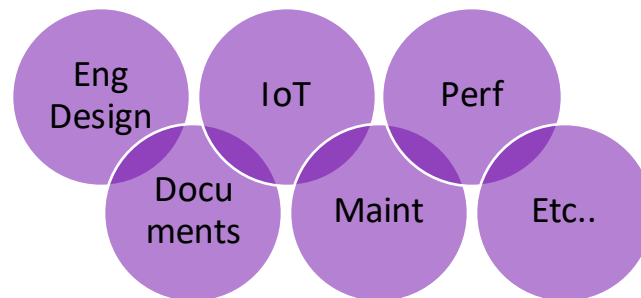
# What is Knowledge Linking?

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

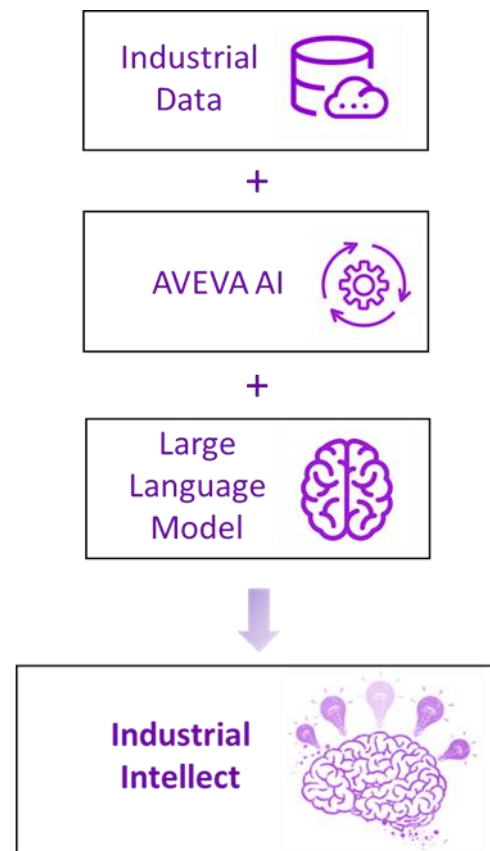


## Knowledge Linking:

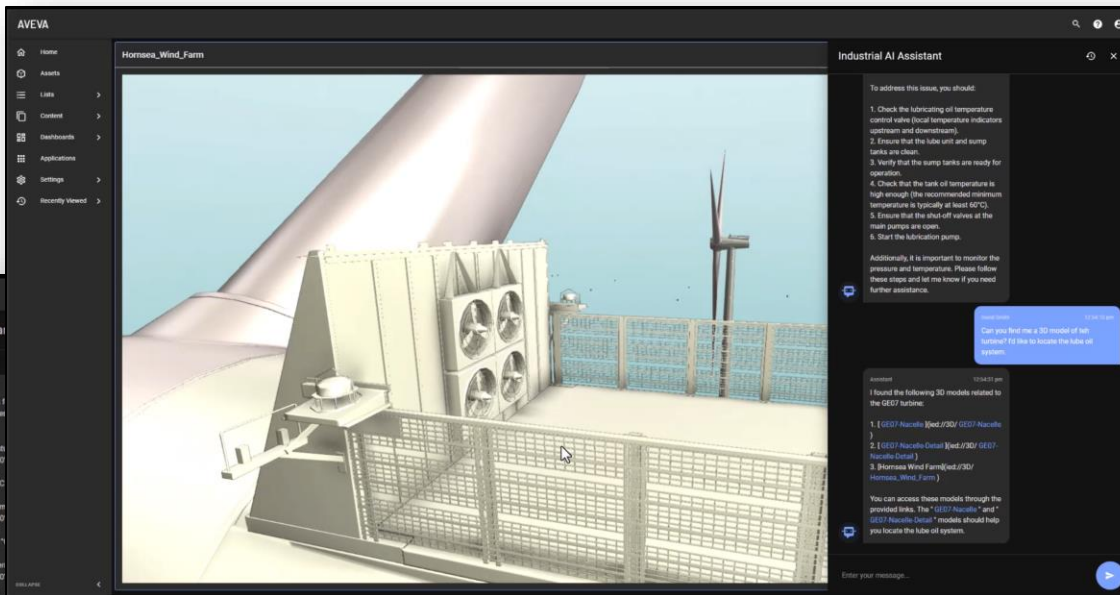
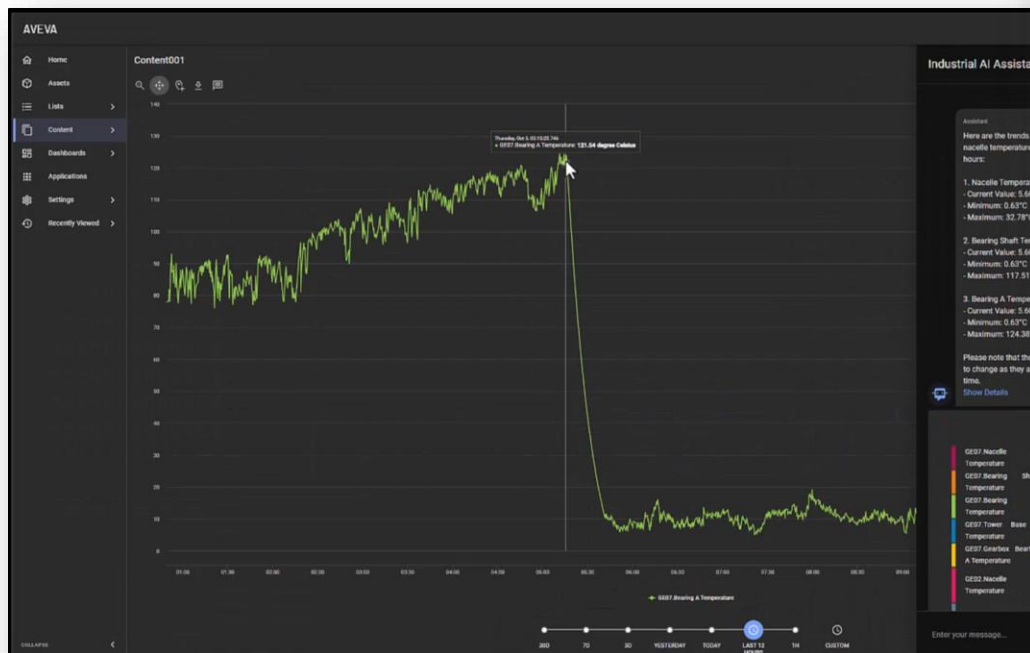
- Intuitive
- Simple to use
- Secure
- Useful



*It just works!*



# Industrial AI Assistant Knowledge Linking



are presented in the following scheme similar to the used in the...

forms included:

NO BST structure (there is an agreement to use this reference... the standard in the sector). Necessary tasks to promote and...

To address this issue, you should:

1. Check the lubricating oil temperature control valve (local temperature indicators upstream and downstream).
2. Ensure that the lube unit and sump tanks are clean.
3. Verify that the sump tanks are ready for operation.
4. Check that the tank oil temperature is high enough (the recommended minimum temperature is typically at least 60°C).
5. Ensure that the shut-off valves at the main pumps are open.
6. Start the lubrication pump.

Additionally, it is important to monitor the pressure and temperature. Please follow these steps and let me know if you need further assistance.

# 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



From task-oriented AI  
(Q&A)

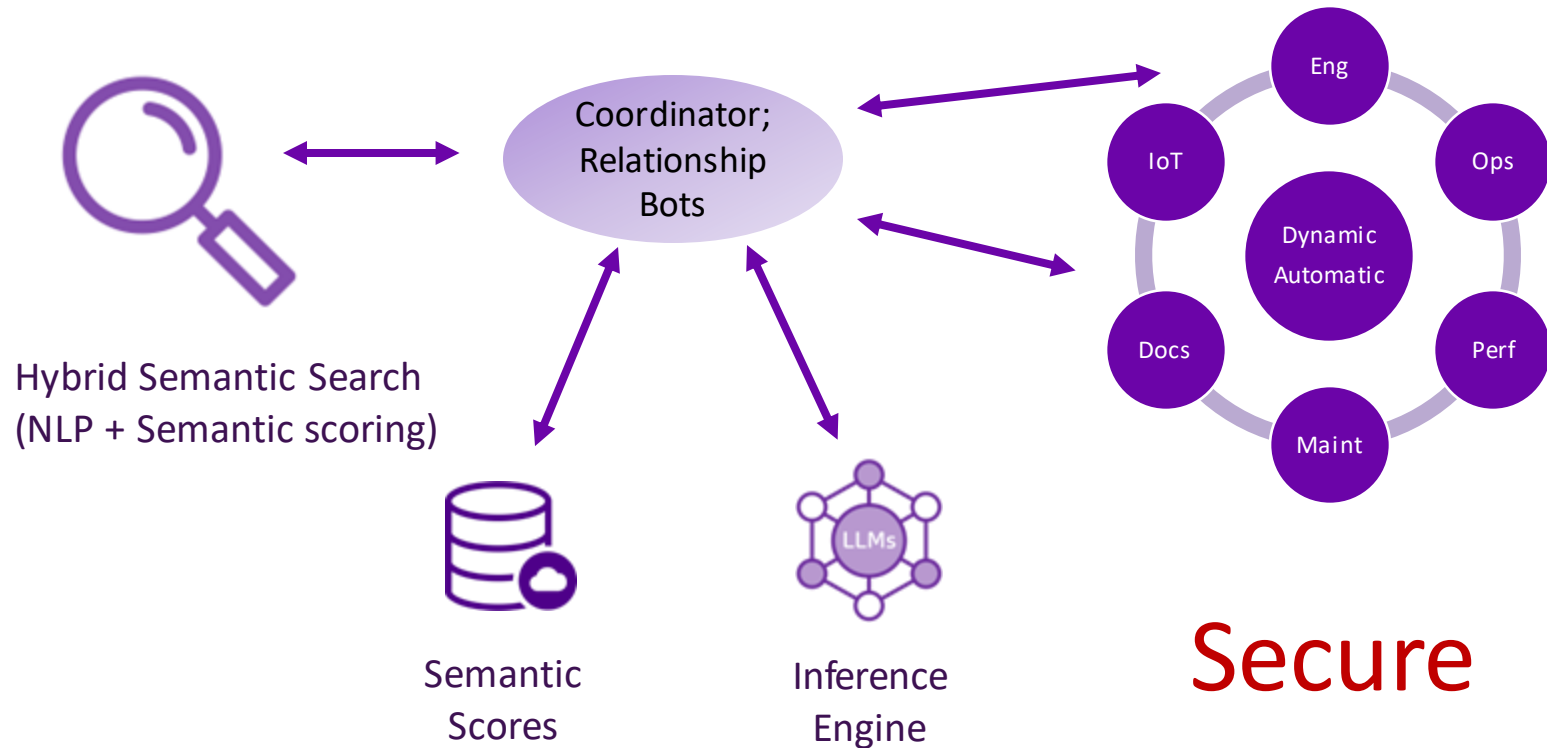


To objective-driven AI

# Industrial AI Assistant

## 1. Fast onboarding

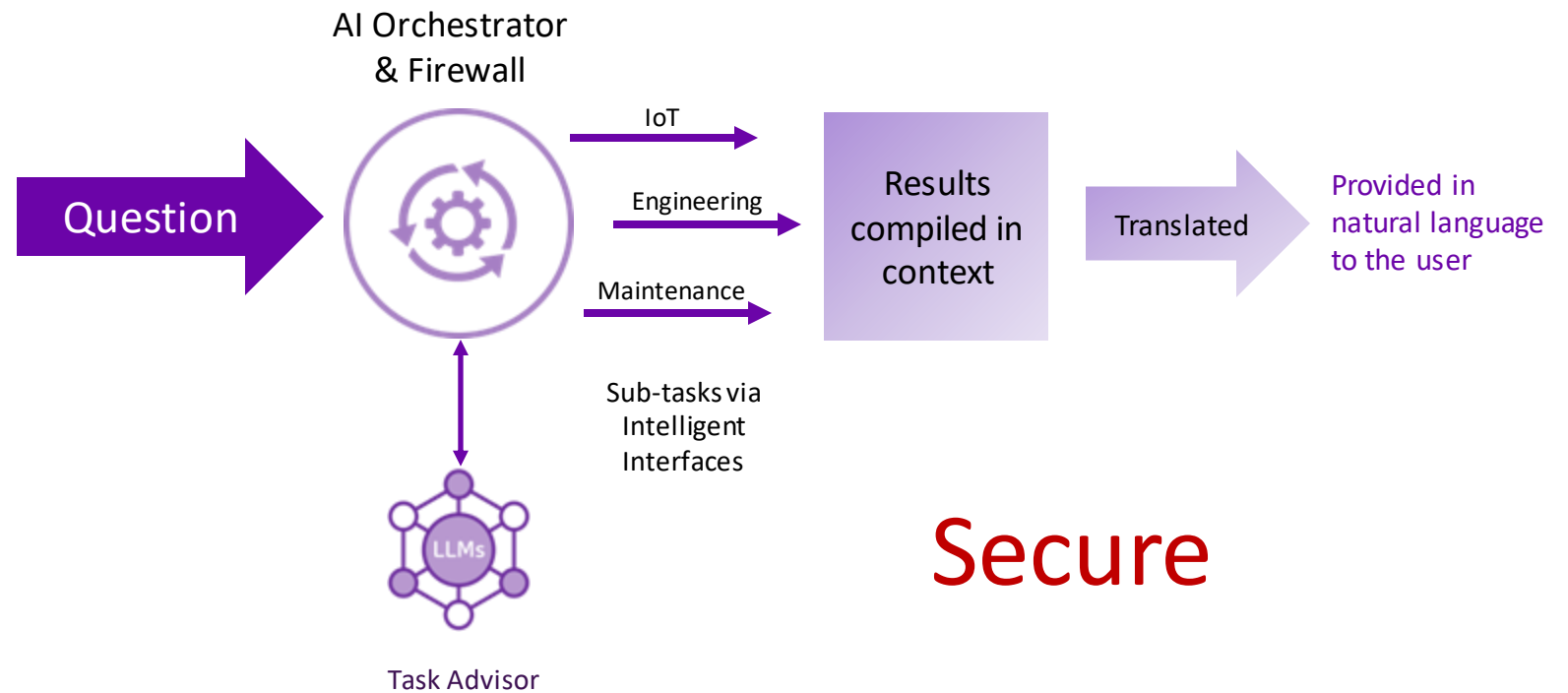
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# Industrial AI Assistant

## 2. Objective-driven AI

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**Secure**

# 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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