



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

AVEVA WORLD MILAN, MAY 2026

AVEVA AI

Empowering Decisions for the Next Industrial Era

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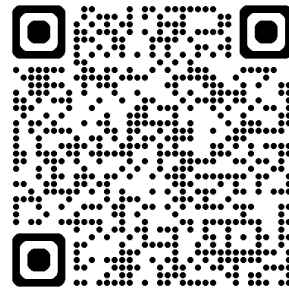


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Agenda

AVEVA AI

Allianz MiCo
Milano

AVEVA AI Overview

What's New?

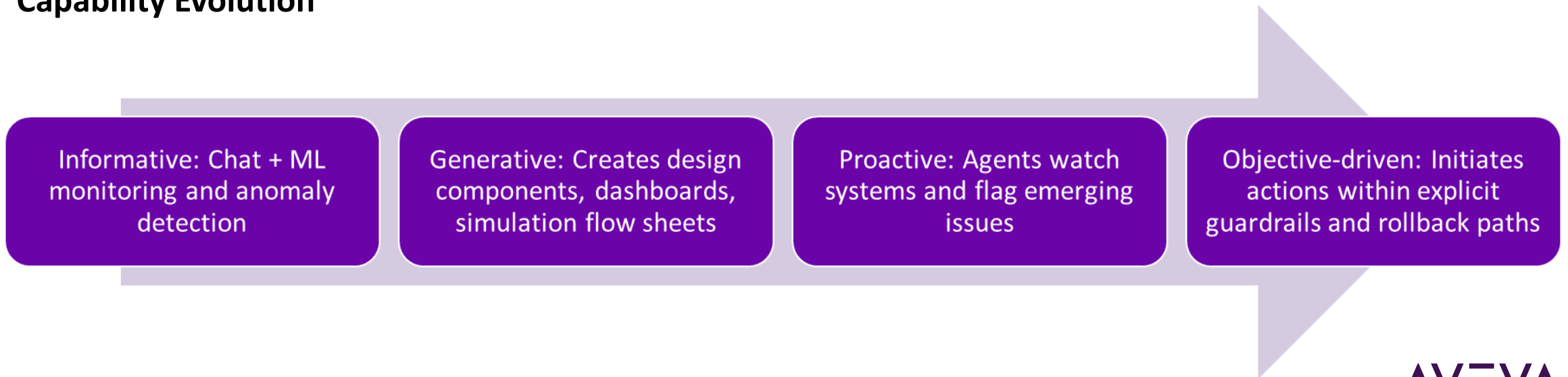
What's Coming

AVEVA's Approach to AI

Pragmatic AI infused across the asset lifecycle and trust through clarity

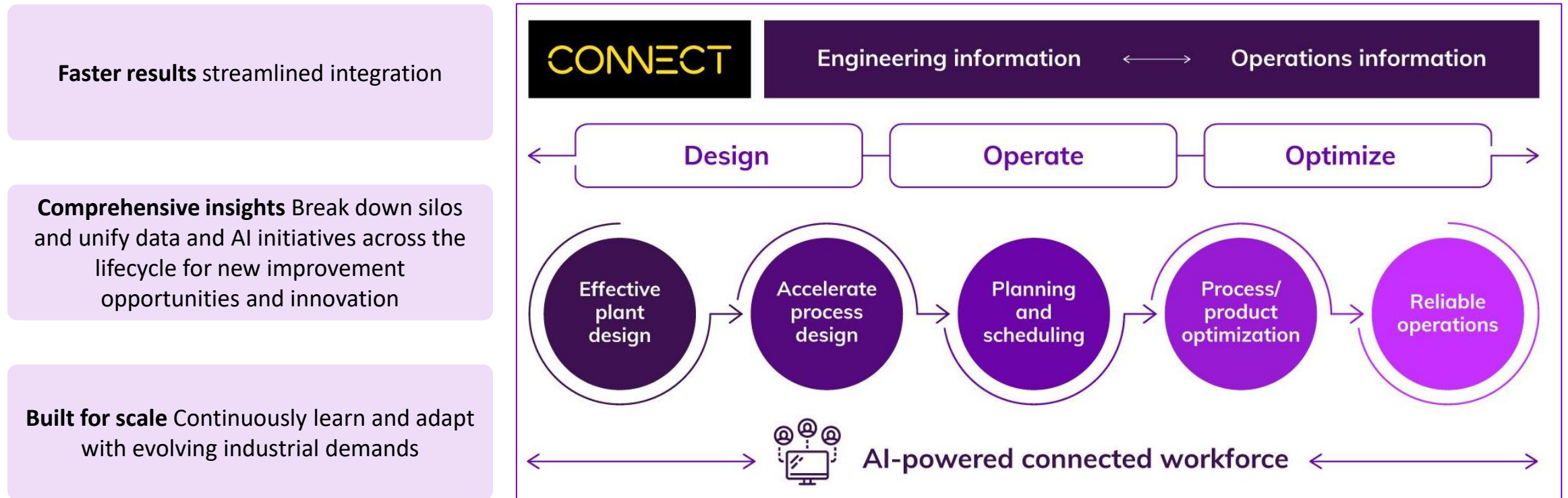
- We prioritize use cases to help people make smarter decisions faster, to improve their design, build, operate, optimize workflows, and progressively enable bounded autonomy under human direction
- We prioritize AI that measurably improves real industrial KPIs (uptime, safety, cost, throughput, quality)
- AI must be transparent, traceable, and defensible, with clear links back to evidence, assumptions, and audit history

Capability Evolution



Integrated and Connected AI: The key to long-term value

Transforming lifecycle challenges into value-driven opportunities



Industrial AI: The power shift that redefines industry norms

Real-world outcomes drives measurable value across the lifecycle



90% reduction in
design time



Optimized quality, 10%
material savings



\$34.5M saved by
eliminating
unplanned downtime

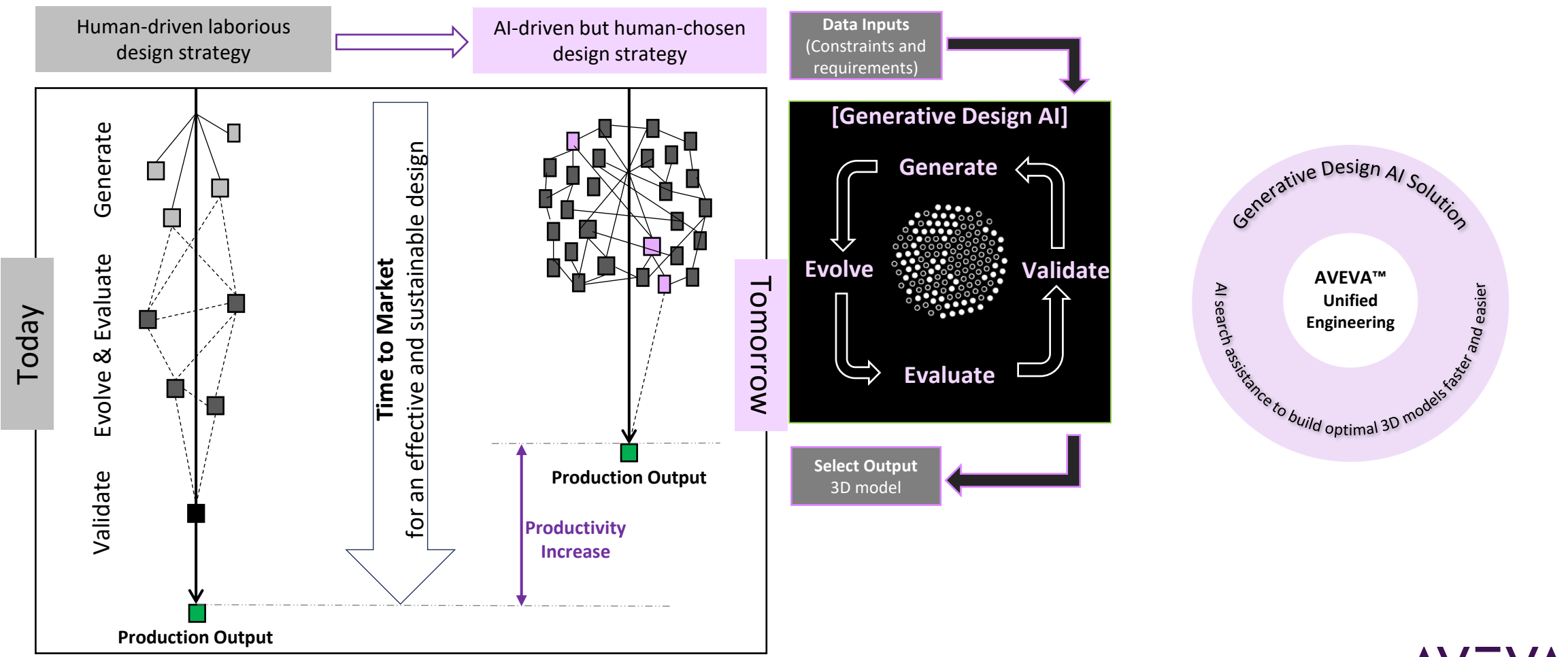


4.6%
Energy reduction

Recently released AI capabilities

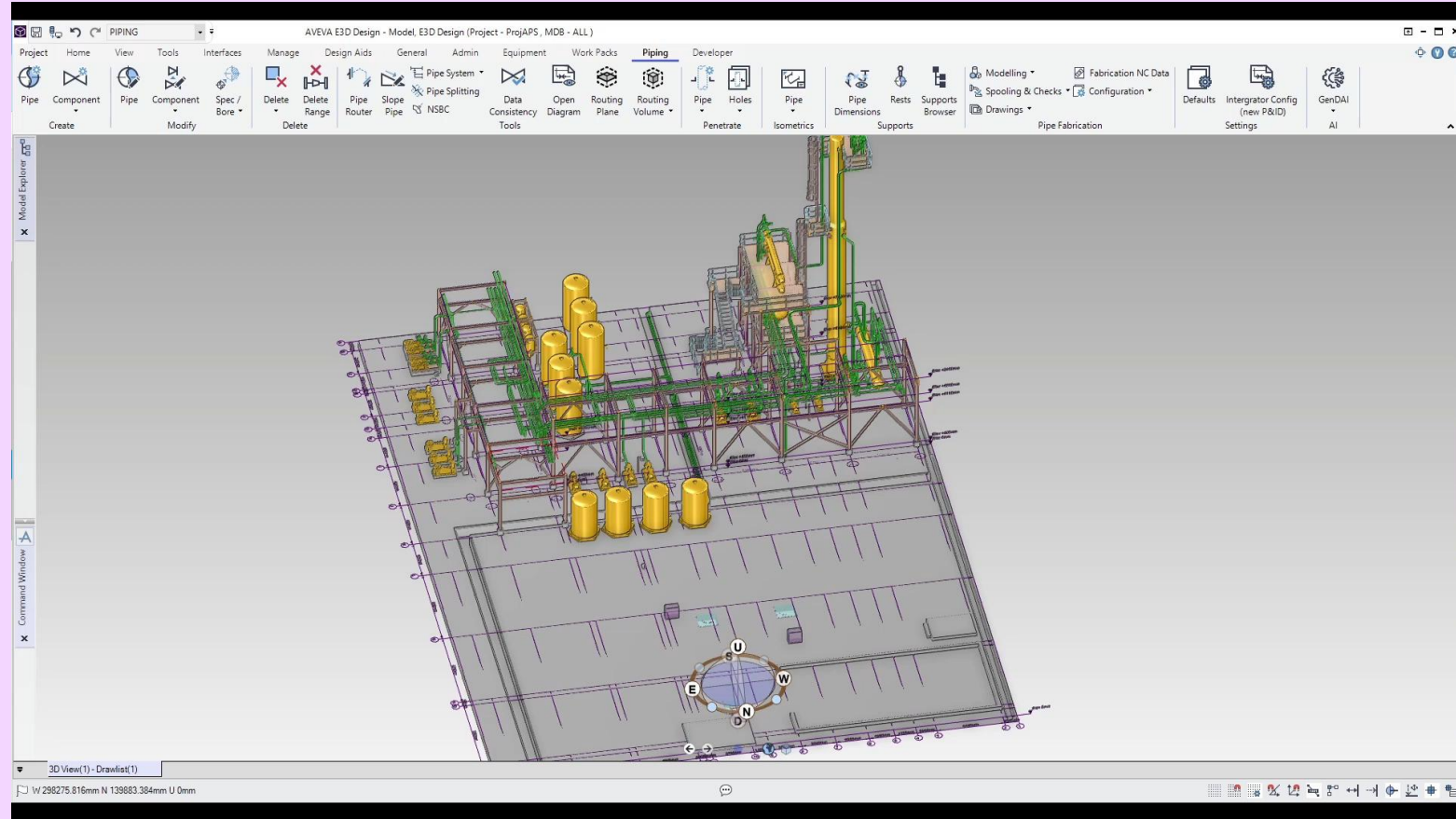


Save time iterating on design options with Generative Design AI



Generative Design AI in Unified Engineering 4.0 release

- **Interactive and optimal auto-pipe routing capability**
 - Focussed on Pre-FEED/FEED stage
 - Routing of multiple pipelines in multiple groups
 - Control via constraints and directives to minimize total length and number of elbow to reduce material consumption
- **Intuitive user-interface for faster setup**
 - Pipeline S/E points configuration
 - Import from P&ID
 - Line list
 - Manual selection
 - Group pipelines for routing control
 - Pipe specifications via advanced settings
 - Integrated rules manager for plane/pipe distance control
- **Routing pipelines at scale via multi-grouping**
 - Automatic constraints setup (elements to avoid clashing) or configured manually
 - Grouped pipelines routing via directives (individual group directives association)
- **Routing options visualization and deployment**



Industrial AI Assistant in Unified Engineering 4.0 release

- Available in multiple UE modules

- Knowledge capability

- Querying how to use product functionality
 - Based on product documentation, training guides
- First point of contact for any technical resolution
 - Based on past tech support resolution tickets
- What's new - release update
 - Based on product release notes

- Tool invocation capability

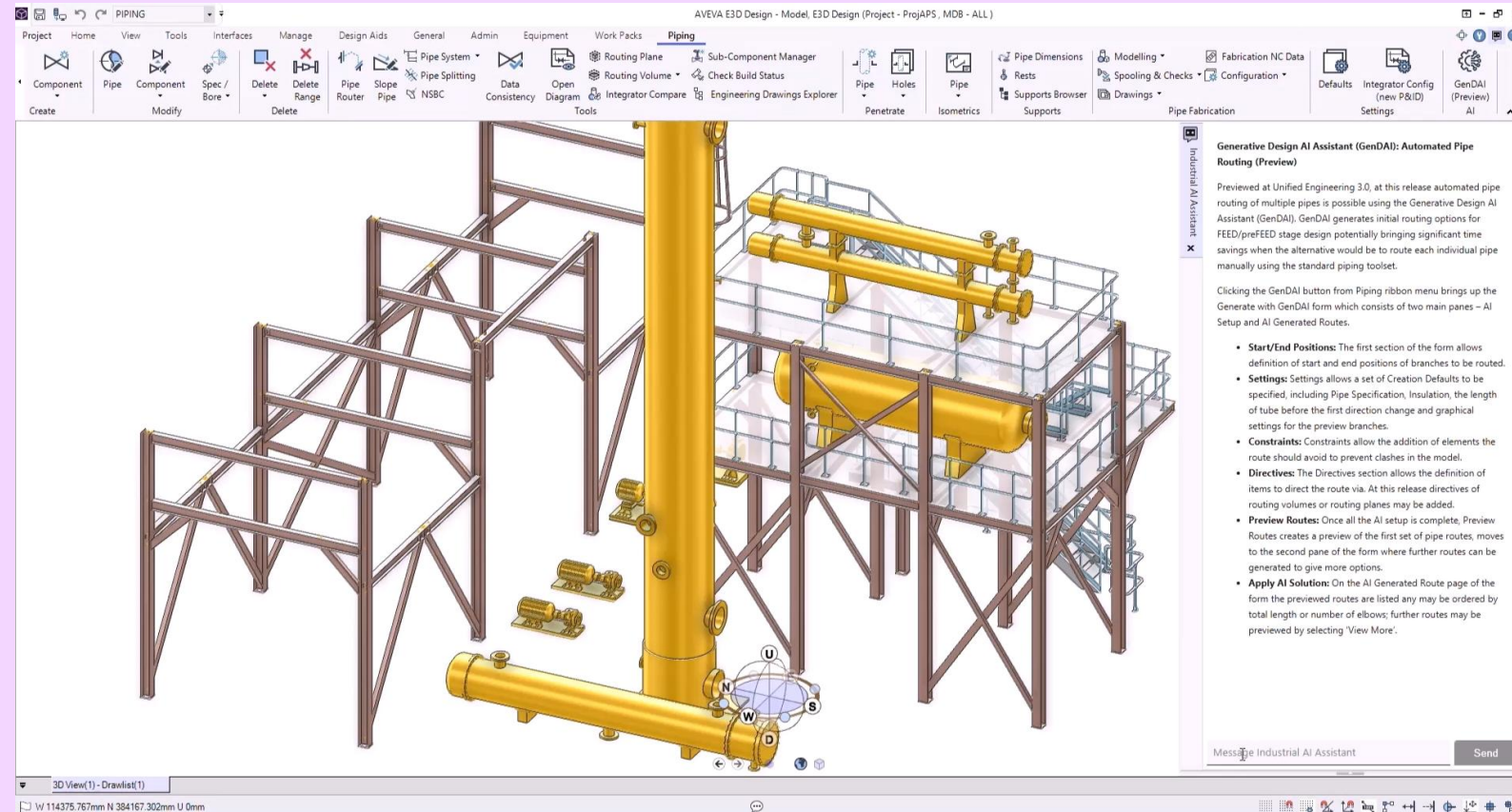
- Invoke available tools/commands from ribbon via natural language
 - Based on direct command execution tool which generates a link to intended action and invokes the operation when clicked
 - Not parametric

- Citation for transparency

- Citation link(s) in the response generated

- Response re-regeneration capability

- If response is unsatisfactory, user can ask IAIA to retry



Industrial AI Assistant on **CONNECT**

...partnered with  Microsoft | Patent-pending

A generative AI tool

- Use alongside CONNECT data and applications
- Ask industrial-specific questions in natural language
- No data hierarchy or model needed
- Fast on-boarding

Objective-Driven

- Ask complicated questions (“What was my peak power consumption yesterday?”)
- Breaks down the question into sub-queries behind the scenes, using focused guardrails
- Consolidates the response back to the user
- Transparent & traceable through Citations
- Model is never trained using data from the customer’s account.



New and improved integration with AIM Data

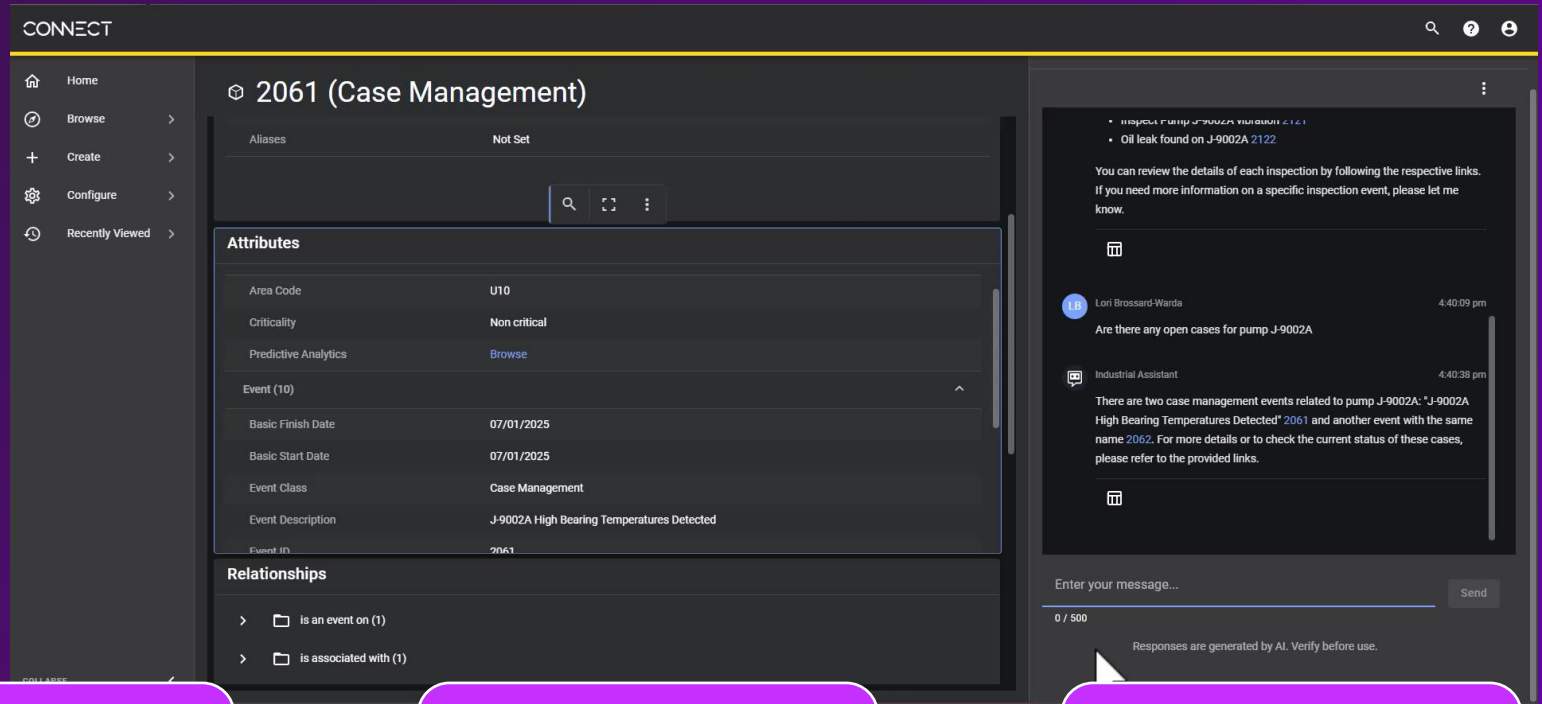
- Now includes access to new types of AIM-A Data: Activities, 3D Models, Facilities and Events
- Improved interaction with AIM-A Data



New Query and Analytics Feature

Retrieve full list of CONNECT Data Services assets with properties & metadata

Filter results and run calculations on the data



How many pumps have been operating at 75% load or higher in the past 6 months?



Can you add up all the steam consumption in the plant for the past 2 days



Show me the correlation between power output and wind speed for GE01



Calculate the efficiency for Pump J-9002A

Reviewing Documents and Generating Visualizations

Search for documents by name and relationship

Search within document contents

Find drawings and p&ids

Generate dashboards for analysis

Leverage language support

CONNECT

Home

Browse

Create

Configure

Recently Viewed

Type to filter

DateTime	J-9002A.Bearing Temperature	Unit_J-9002A.Bearing Temperature
2026-03-24T00:00:00.0000000-05:00	180.6073760986328	degree Fahrenheit
2026-03-24T00:01:00.0000000-05:00	174.22116088867188	degree Fahrenheit
2026-03-24T00:02:00.0000000-05:00	168.0607452392578	degree Fahrenheit
2026-03-24T00:03:00.0000000-05:00	159.2261505126953	degree Fahrenheit
2026-03-24T00:04:00.0000000-05:00	145.52174377441406	degree Fahrenheit
2026-03-24T00:05:00.0000000-05:00	140.37612915039062	degree Fahrenheit
2026-03-24T00:06:00.0000000-05:00	128.29412841796875	degree Fahrenheit
2026-03-24T00:07:00.0000000-05:00	123.75768280029297	degree Fahrenheit
2026-03-24T00:08:00.0000000-05:00	113.10600280761719	degree Fahrenheit
2026-03-24T00:09:00.0000000-05:00	109.10661315917969	degree Fahrenheit
2026-03-24T00:10:00.0000000-05:00	99.71593475341797	degree Fahrenheit
2026-03-24T00:11:00.0000000-05:00	179.19436645507812	degree Fahrenheit

Items per page

50

1 - 50 of 1003

Industrial Assistant

4:44:39 pm

Here are the efficiency readings for Pump J-9002A:

Stream Alias: J-9002A.Pump Efficiency

Current Value: 74.6 percent

Minimum: 74.6 percent

Maximum: 74.63 percent

Average: 74.61 percent

Number of readings: 3

For more details, refer to J-9002A

Stream Alias: J-9002A.Hourly Average Efficiency

Current Value: 62.96 percent

Minimum: 50.12 percent

Maximum: 81.7 percent

Average: 69.91 percent

Number of readings: 16

For more details, refer to

These readings provide a summary of the pump's efficiency performance. If you need a more detailed trend or historical analysis, please let me know.

Show Data Details

Enter your message...

Send

0 / 500

Responses are generated by AI. Verify before use.

Just Released: AI Assistant in Unified Supply Chain

Conversational access to the reasoning behind the solution – not just what the model recommends, but why

File

Home

Analytic

Integration

Reporting

Optimization Analysis

Clipboard

Windows

File Explorer

Watch

Flowchart

Metrics

Diagnostics

Case Comparison

Constraints

Industrial AI Assistant (Preview)

Reset Layout

Simulate

Run

Optimize

Hub: Local

Publish Settings

Open Folder

Add Purchase

Add Purchase

Delete Purchase

Manage

Lock Solution

Unlock Solution

Show

Restore

Find

Columns

View: Default

Case: Master Case

Crudes

Imports

Utilities

Purchase Groups

Grouped Purchases

	Name	Reference	Price	UoM	Active	Minimum	Maximum	Fixed	UoM	Solution	Marginal
✓	Arab Light	ARBL201003	39.52	\$/bbl	✓				1000.00	1925.247	
✓	Agbani	AGBM201204	45.33	\$/bbl	✓					1000.000	1.082
✓	Eagle Ford Medium	EAGF201112_48	41.43	\$/bbl	✓					174.753	
✓	Thunder Horse	THUN201206	44.28	\$/bbl	✓					0.000	-3.946
✓	Oseberg	OSBG201302	49.17	\$/bbl	✓					0.000	-12.903
✓	Forties	FORB201110	47.01	\$/bbl	✓					0.000	-11.554
✓	Brent	BREN201105	45.90	\$/bbl	✓					0.000	-8.090
✓	Nemba	NMBA200808	44.36	\$/bbl	✓					0.000	-5.042
✓	Lower Zakum	ZAKL201008	44.13	\$/bbl	✓					0.000	-10.052
✓	Dalia	DALI201010	44.09	\$/bbl	✓					0.000	-9.812
✓	Grassol	GRGA200909	47.30	\$/bbl	✓					0.000	-9.864
✓	Saharan Blend	SHAB201207	46.04	\$/bbl	✓					0.000	-3.096
✓	Mars	MARS200806	37.77	\$/bbl	✓					0.000	-2.943
✓	Vasconia	VASC200703	42.53	\$/bbl	✓					0.000	-10.920
✓	Lokele	LOKL201105	44.46	\$/bbl	✓					0.000	-12.199
✓	Escalante	ESCL201302	42.98	\$/bbl	✓					0.000	-10.898
✓	Olmecca	OLME201305	44.70	\$/bbl	✓					0.000	-0.070
✓	Castilla Blend	CASB200704	36.34	\$/bbl	✓					0.000	-15.858
✓	Kuwait	KUWA201103	39.68	\$/bbl	✓					0.000	-4.001
✓	Escravos	ESCR201201	46.99	\$/bbl	✓					0.000	-6.679
✓	Qua Iboe	QUAI201002	51.45	\$/bbl	✓					0.000	-12.969
✓	Upper Zakum	ZAKU201204	44.30	\$/bbl	✓					0.000	-7.989
✓	Cabinda	CABI201212	45.48	\$/bbl	✓					0.000	-9.530
✓	Arab Heavy	ARAH201105	43.81	\$/bbl	✓				100.00	0.000	-10.666
✓	Hungo	HUNG200802	43.15	\$/bbl	✓					0.000	-8.677
✓	Basrah Light	BASL200908	37.78	\$/bbl	✓					0.000	-1.559

Watch

Set: Key Constraints

Views: Default

	Name	Formula	UoM	Active	Minimum	Maximum	Fixed	Solution	Marginal
✓	CDU1 Capacity	Calculation(CDU1...	bbbl/d	✓	90.00	100.00	✓	100.000	1902.7...
✓	FCC Capacity	Calculation(FCC ...	bbbl/d	✓	10.00	40.00	✓	40.000	17398...
✓	Distillate Hydrotreater Ca...	Calculation(Distill...	bbbl/d	✓	10.00	30.00	✓	26.999	
✓	Reformer Capacity	Calculation(Refor...	bbbl/d	✓		25.00	✓	17.789	
✓	Coker Capacity	Calculation(Coker...	bbbl/d	✓	8.00	25.00	✓	13.425	
✓	Penex Capacity	Calculation(Pene...	bbbl/d	✓		10.00	✓	10.000	72879...

Industrial AI Assistant (Preview)

New Conversation

Welcome to Industrial AI Assistant, your intelligent companion in Unified Supply Chain!

Whether you're building complex models or fine-tuning details, I'm here to streamline your workflow, provide insights and assist with everything from navigation to advanced modeling. Let's bring your models to life faster and smarter! [See more](#)

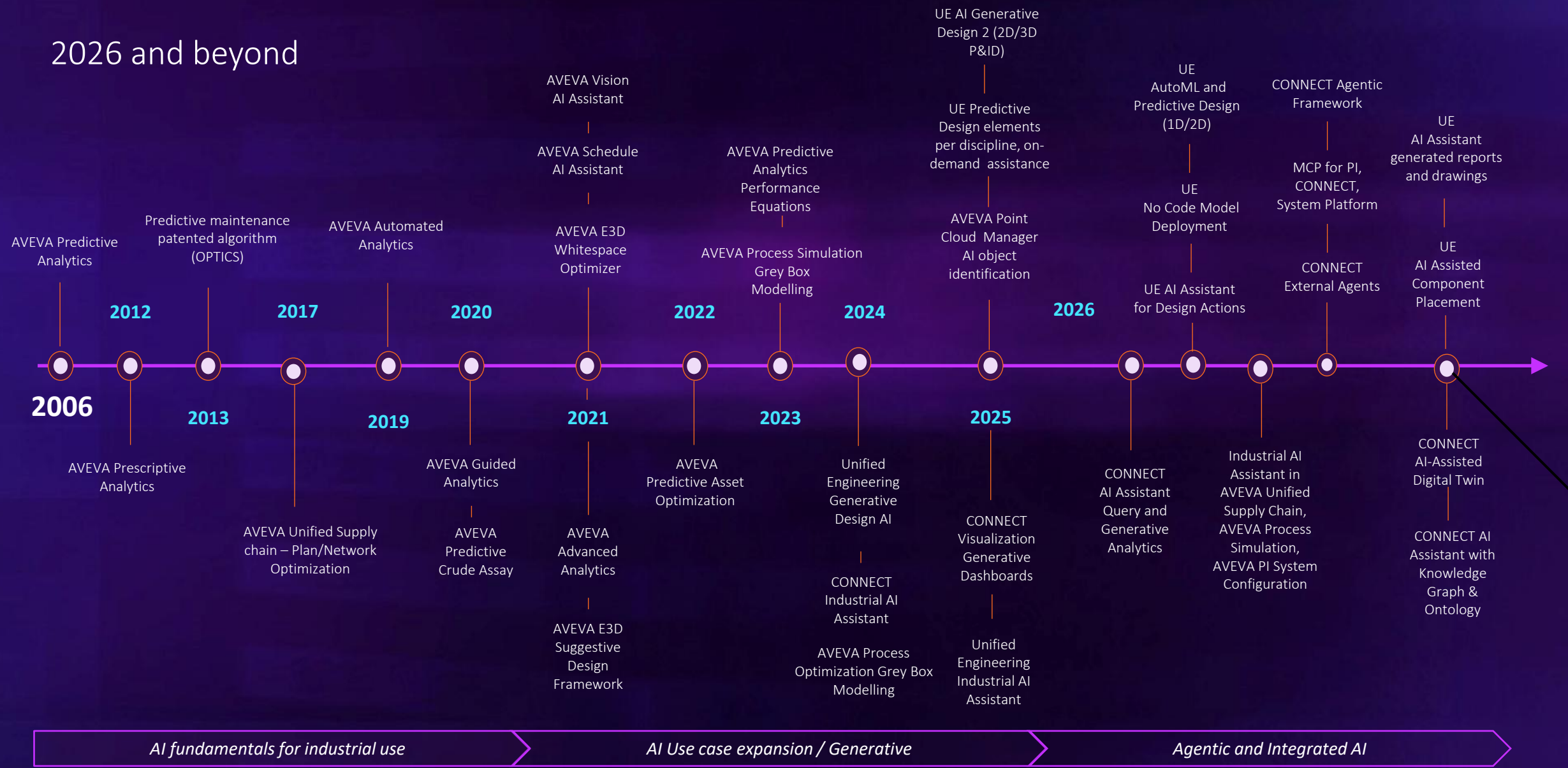
What would you like to know?

Economic Analysis Agent

Answers may be wrong, please check responses.

AVEVA Industrial AI Roadmap

2026 and beyond



STILL IN THE FORGE

What is being developed



GenAI and Agentic AI @ AVEVA

AI-ready data with **your choice of AI** for **your industrial outcomes**

Available

Data & Information Level
“Ask a complicated question”

Functional Software Level
“Tell it what to do”

In Development

Agentic AI Solutions
“Interact with agents to build a digital twin”

AI Interoperability
“Use the best AI Agent for the job”

Before the intelligence, there's the mess

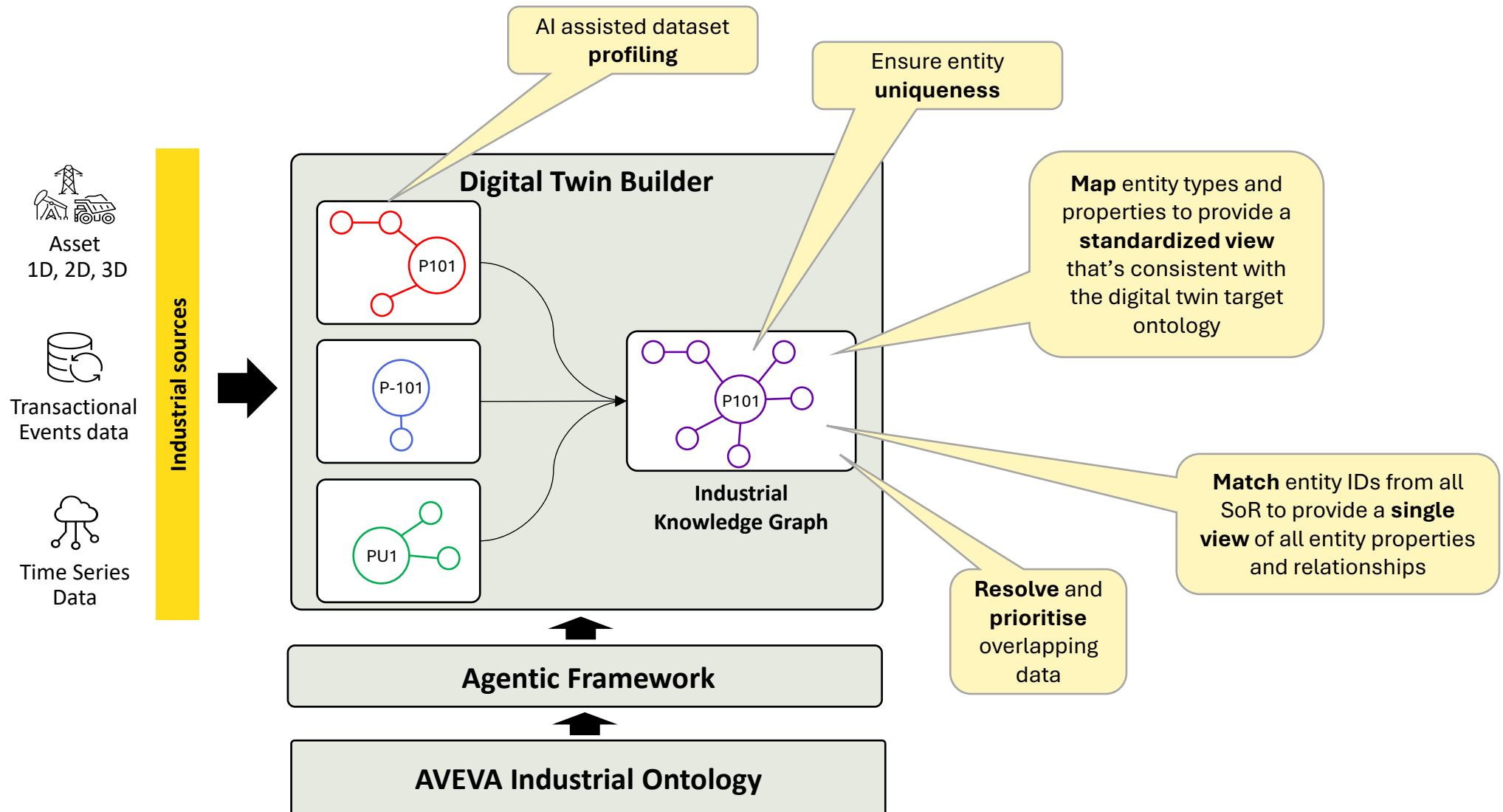
The data we asked for:



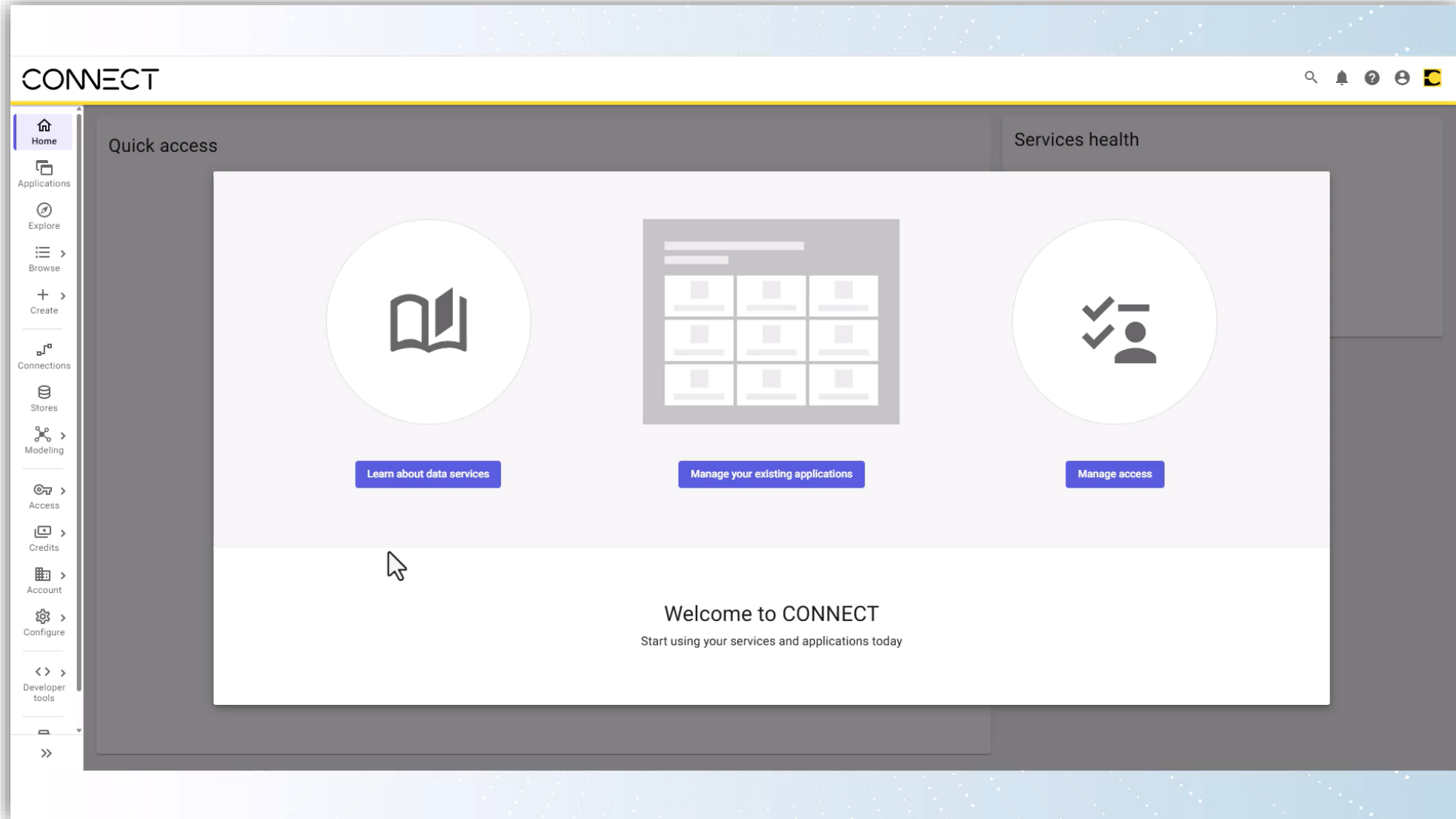
The data we got:



CONNECT Twin Builder: AI-Assisted Data Harmonization



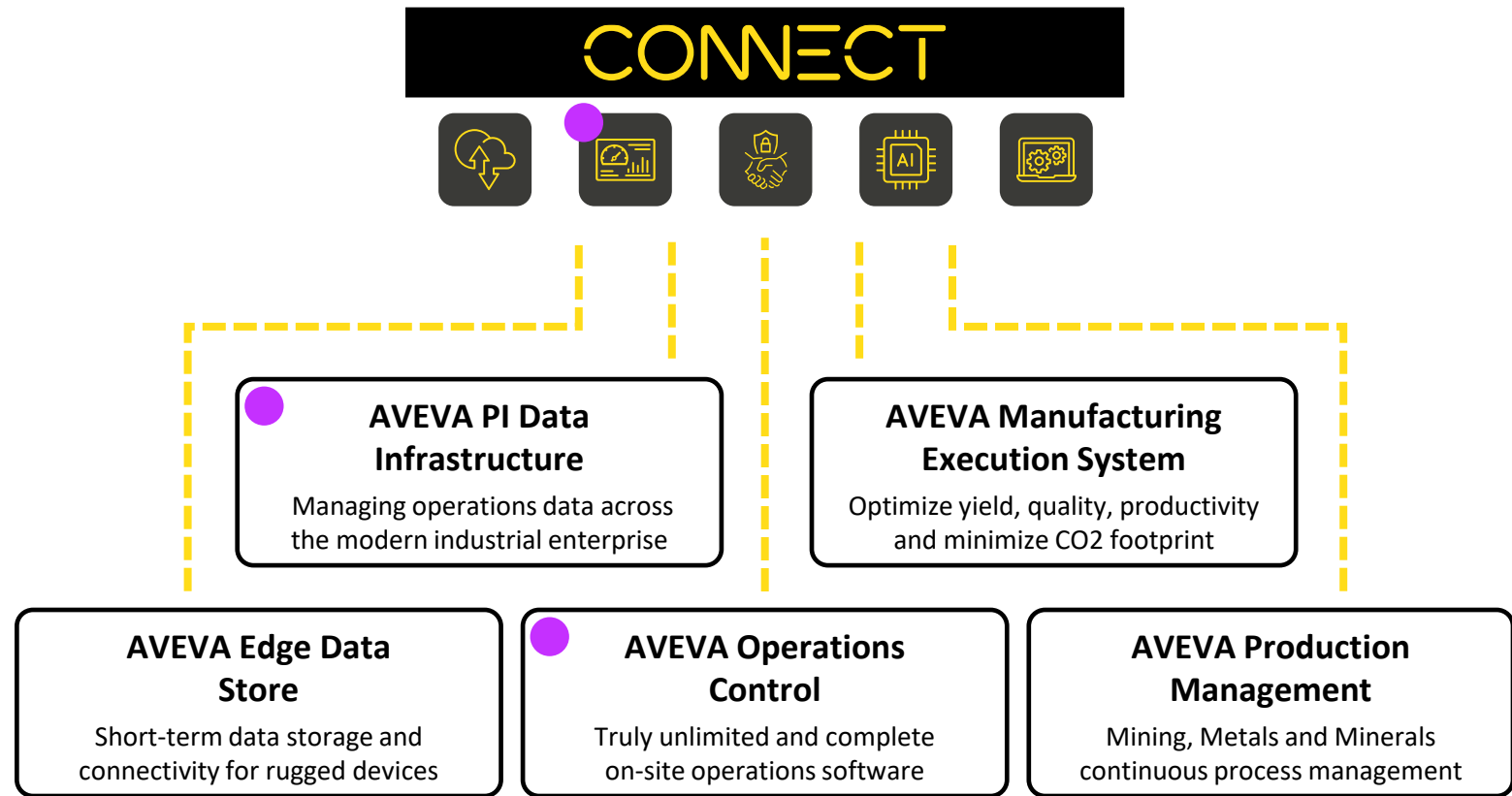
Demo: Twin Builder maps data to AVEVA's Industrial Ontology



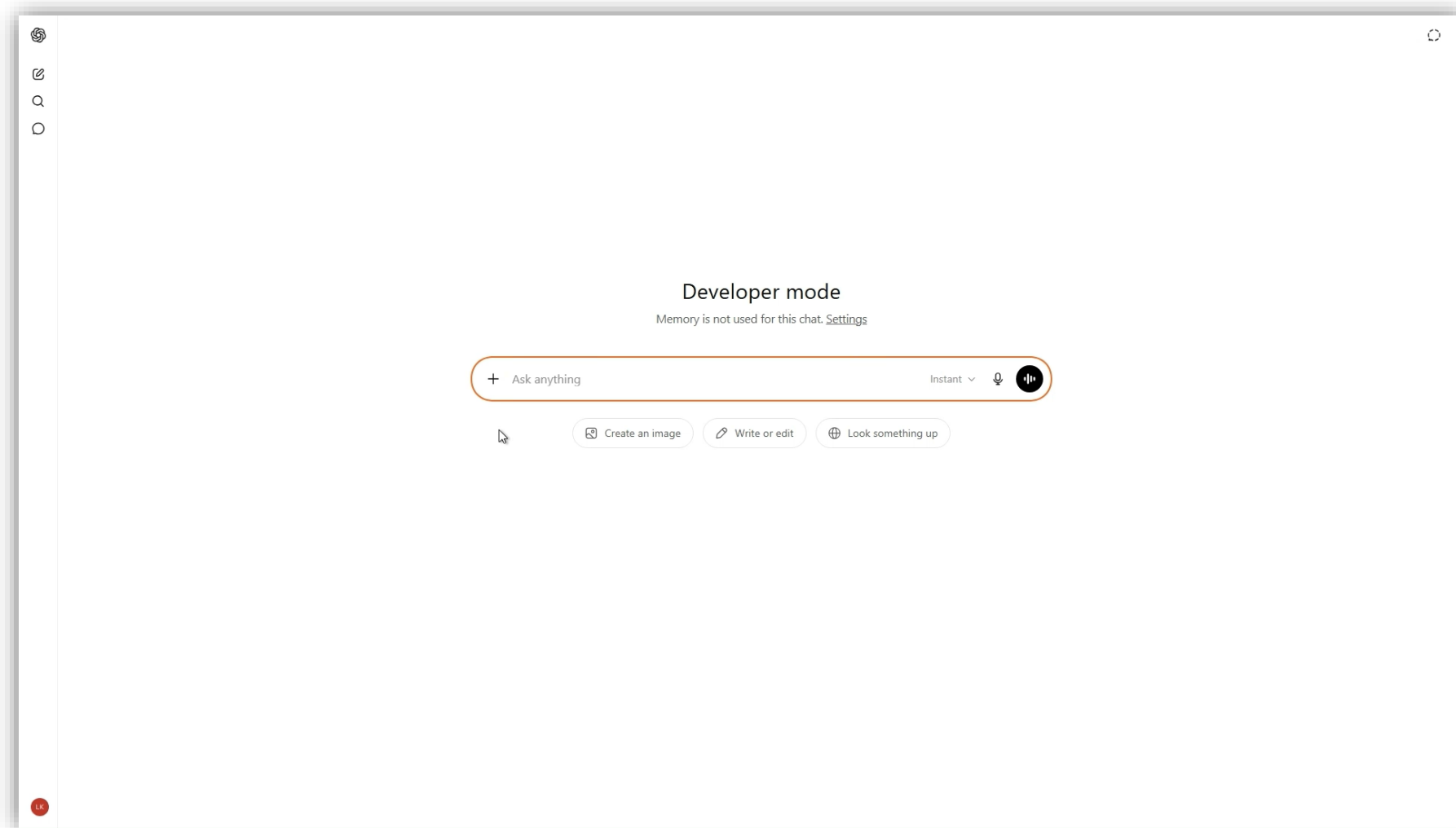
Your industrial data will be AI-ready

AI agents will be able to securely interact with industrial data via an open standard

- Customer's AI Assistants and AI Agents will be able to securely access data from CONNECT, PI System, and AVEVA Historian via **MCP Servers**



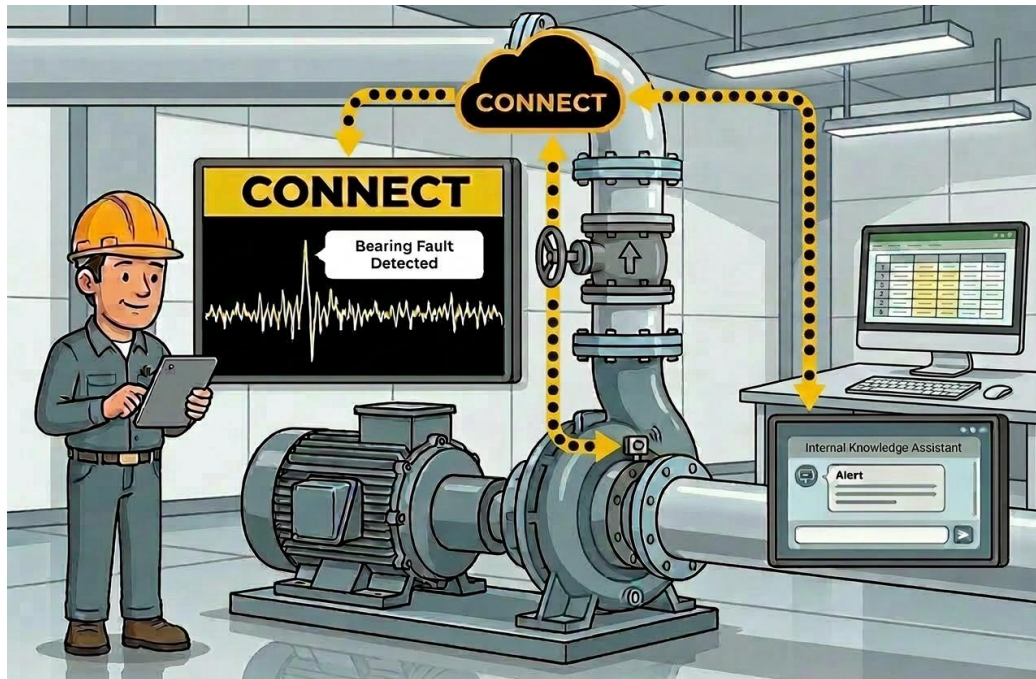
Demo: 3rd-party AI client queries data in CONNECT via MCP



Solving industrial challenges requires extensive expertise

Example scenarios with various AI agents and AI tools best suited for the task

Customer-built AI Assistant uses CONNECT's anomaly detecting agent and equipment provider's monitoring agent

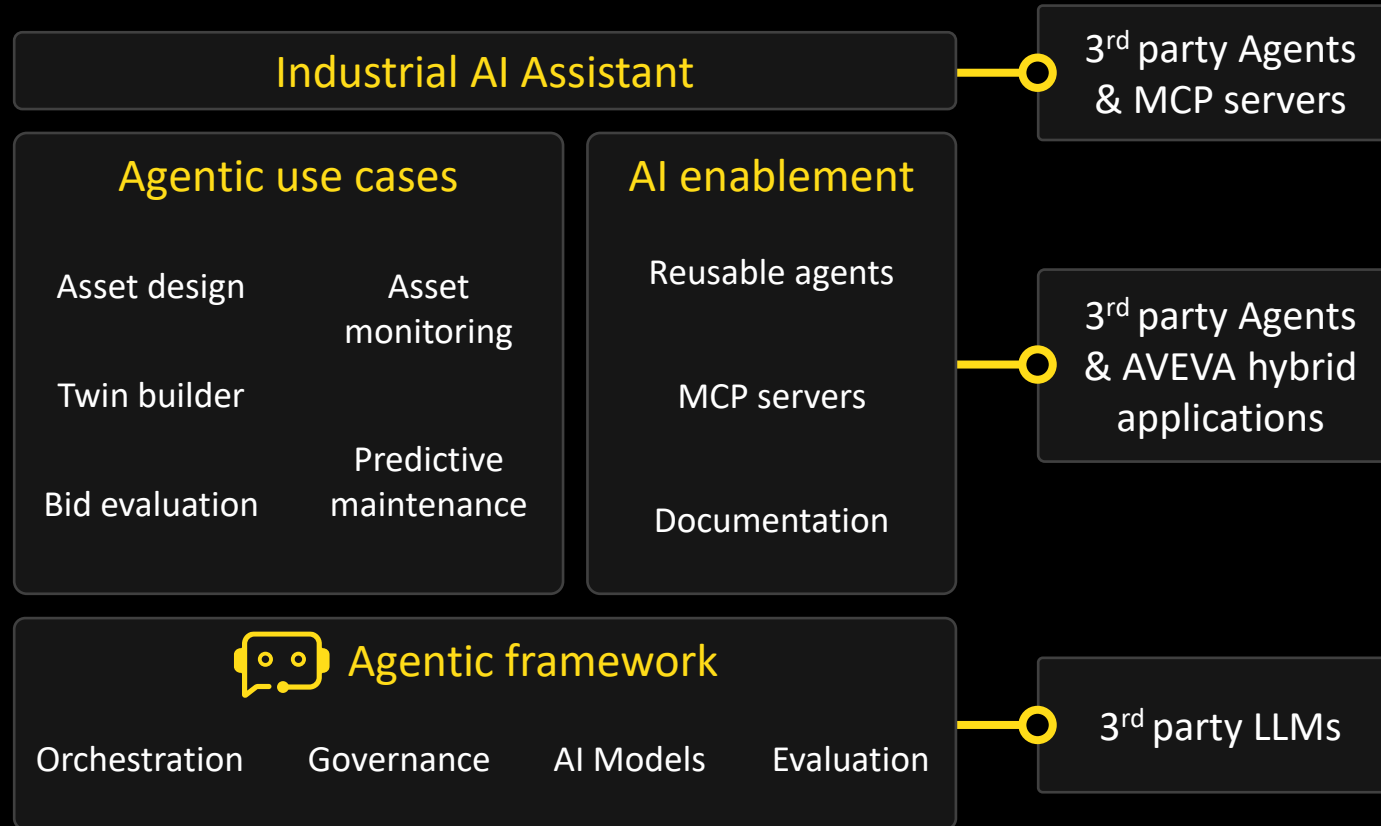


CONNECT's Industrial AI Assistant accesses a 3rd-party agent to run a root-cause analysis



Expanding agentic and generative AI use cases

Purpose-built and standardized integration framework



- Prebuilt agentic use cases across design, build, operate and optimize functions
- Knowledge graph enrichment for Industrial AI Assistant and external AI agents
- 3rd party MCP, agent, and LLM ecosystem enablement
- Enhanced platform search using AI-assisted intent referencing
- AI-ready industrial data available via open standards

AVEVA is building AI that earns its place in industrial work — from start to nonstop

AI with Purpose

Industrial Intuition

Intentional Clarity

Open by Design



This presentation may include predictions, estimates, intentions, beliefs and other statements that are or may be construed as being forward-looking. While these forward-looking statements represent our current judgment on what the future holds, they are subject to risks and uncertainties that could result in actual outcomes differing materially from those projected in these statements. No statement contained herein constitutes a commitment by AVEVA to perform any particular action or to deliver any product or product features. Readers are cautioned not to place undue reliance on these forward-looking statements, which reflect our opinions only as of the date of this presentation.

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AVEVA

Industrial Intelligence

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ABOUT AVEVA

AVEVA is a world leader in industrial software, providing engineering and operational solutions across multiple industries, including oil and gas, chemical, pharmaceutical, power and utilities, marine, renewables, and food and beverage. Our agnostic and open architecture helps organizations design, build, operate, maintain and optimize the complete lifecycle of complex industrial assets, from production plants and offshore platforms to manufactured consumer goods.

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.

Learn more at www.aveva.com