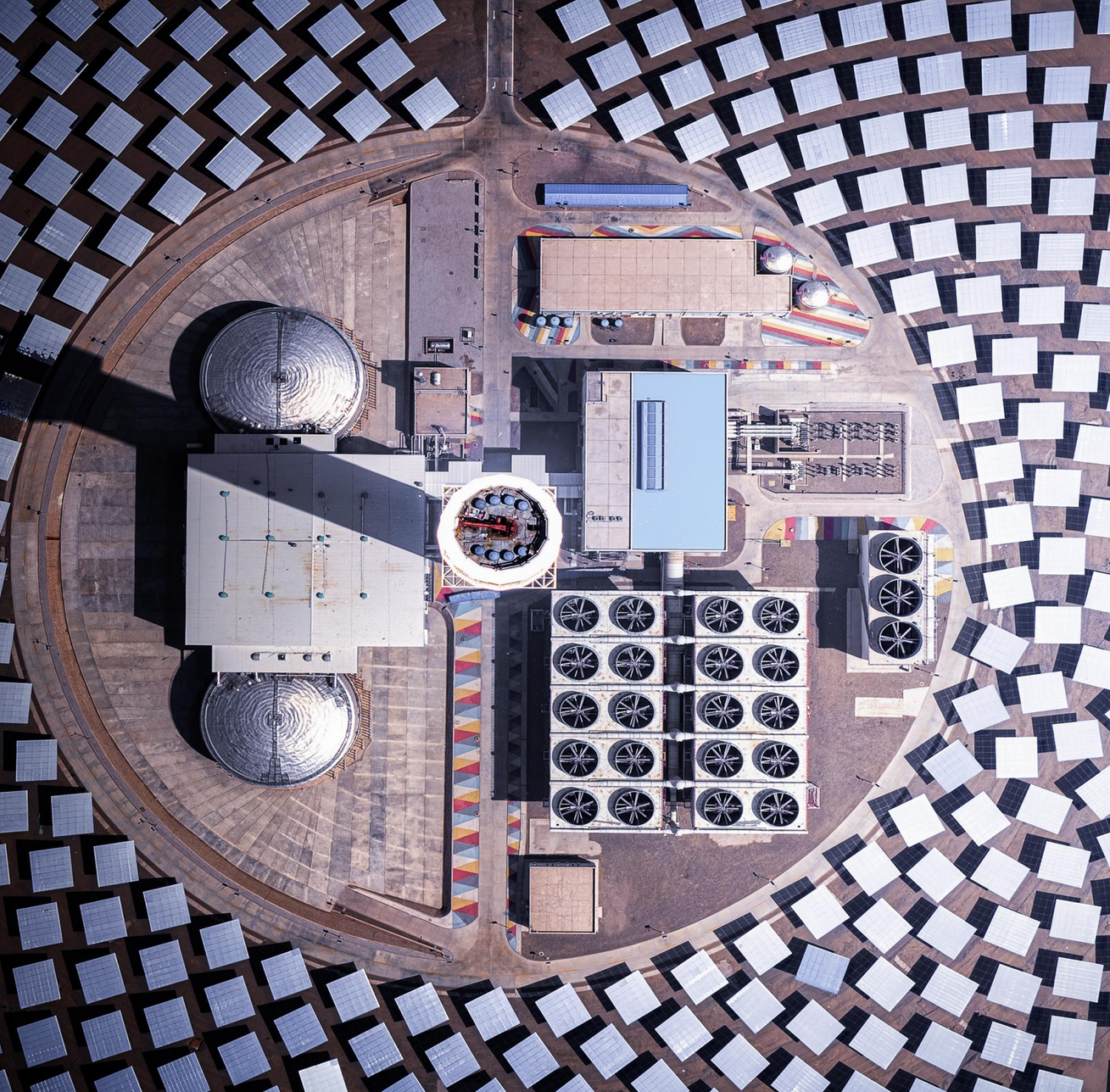
Connect your

INDUSTRIAL LIFECYCLE

Design, build, operate and optimize the future with us

Doug Warren
SVP- HMI/SCADA Business, AVEVA



147 zettabytes
of industrial data
AVEVA

Connecting people to that data is key to success

40% of global organizations will have an ecosystem platform by 2025

7+% higher growth for companies who advance in their digital transformation journey

AVEVA

Integrating information can be challenging

Information silos

Inconsistent data

Need to predict outcomes

Difficulty understanding multi-site performance

Limited virtual and remote collaboration

AVEVA

TRUSTED INTELLIGENCE
ACTIONABLE INSIGHT
UNIFIED EXPERIENCE
EMPOWERED ECOSYSTEM
AVEVA

We are building the world's biggest
industrial ecosystem
CONNECT
AVEVA

The power of connected industrial ecosystems

Producers

Suppliers

Logistics

Executives

Integrators

Distributors

Consumers

AVEVA

CONNECT

Data

Intelligent Twin

Experience

Empowered Ecosystem

AVEVA Schneider Electric RIB etap ...

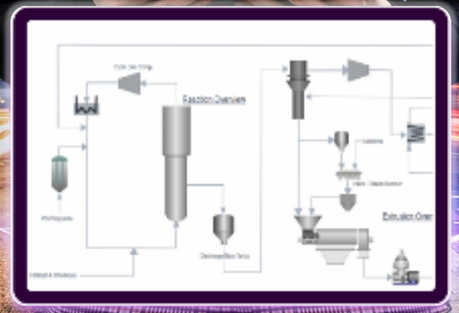
Our open, intelligent twin enables innovation across the industrial lifecycle

DESIGN

OPTIMIZE

BUILD

CONNECT



OPERATE

AVEVA

Imagine
the next evolution of industry
AVEVA

Design

Build

Operate

Optimize

CONNECT

Intelligence platform for the connected industrial economy

Seamless experience

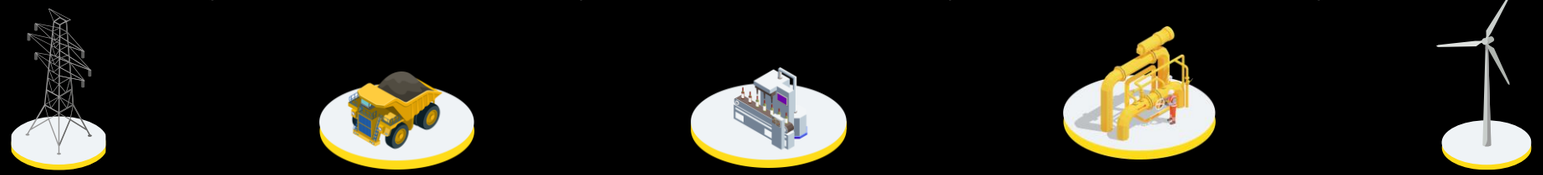
Applications and analytics

Design | Build | Operate | Optimize

Information

Engineering information ⟷ Operations information

Assets and devices



Ecosystem
of developers
and partners

CONNECT

Extending existing investments and capabilities

Ecosystem of partners

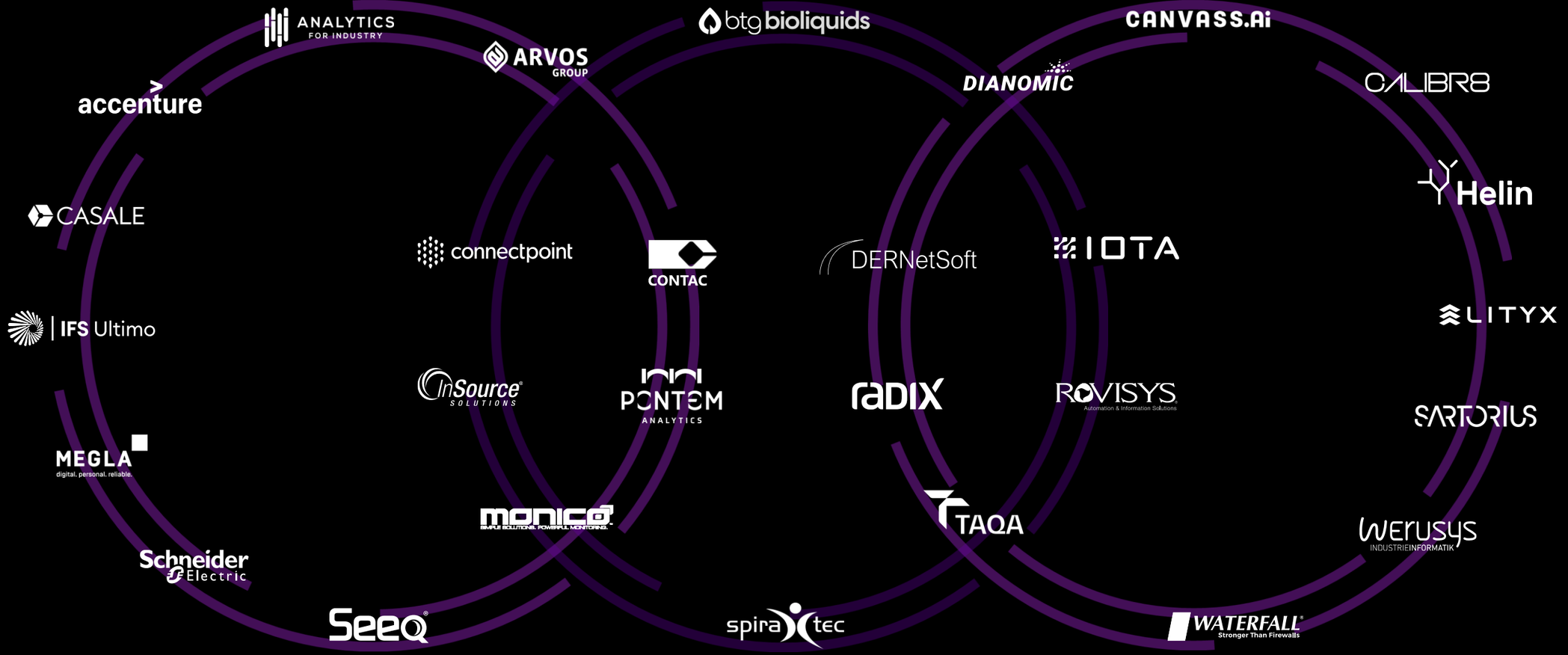
AVEVA
Unified Engineering

Wonderware®

Third Party
Data Sources

CONNECT

Early Adopter Partners- bringing specific expertise



Delivering a seamless experience from digital twin to **digital enterprise**

Reduces environmental impact and increases supply of treated water

- Acciona Agua is a world leading EPC in the construction of desalination plants
- Acciona has collaborated with Schneider Electric for many years in support of their Digital Transformation journey
- AVEVA was introduced to support:
  - Increased water production capacity and reduction of energy use
  - Improve the performance of all water treatment facilities with minimum impact to the environment
  - Provide a digital solution that could anticipate equipment behavior deviations and find the optimum operating point in real-time

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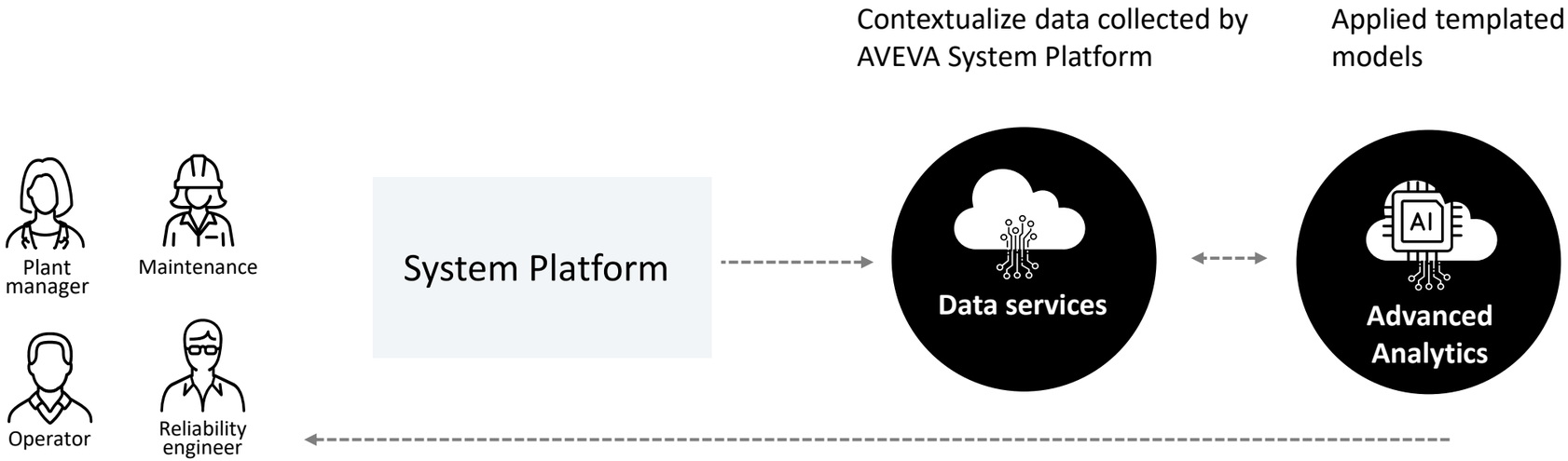
Aggregate and contextualize industrial data to create incremental customer value



- Prediction model enabled optimization of energy recovery systems resulting in 4.6% reduction in energy consumption of the high-pressure pumps, and increased production capacity of this section of the reverse osmosis system by 16 m3/hour
- Increased efficiency in O&M teams thanks to readily available information
- Improved confidence from clients due to transparency of operations

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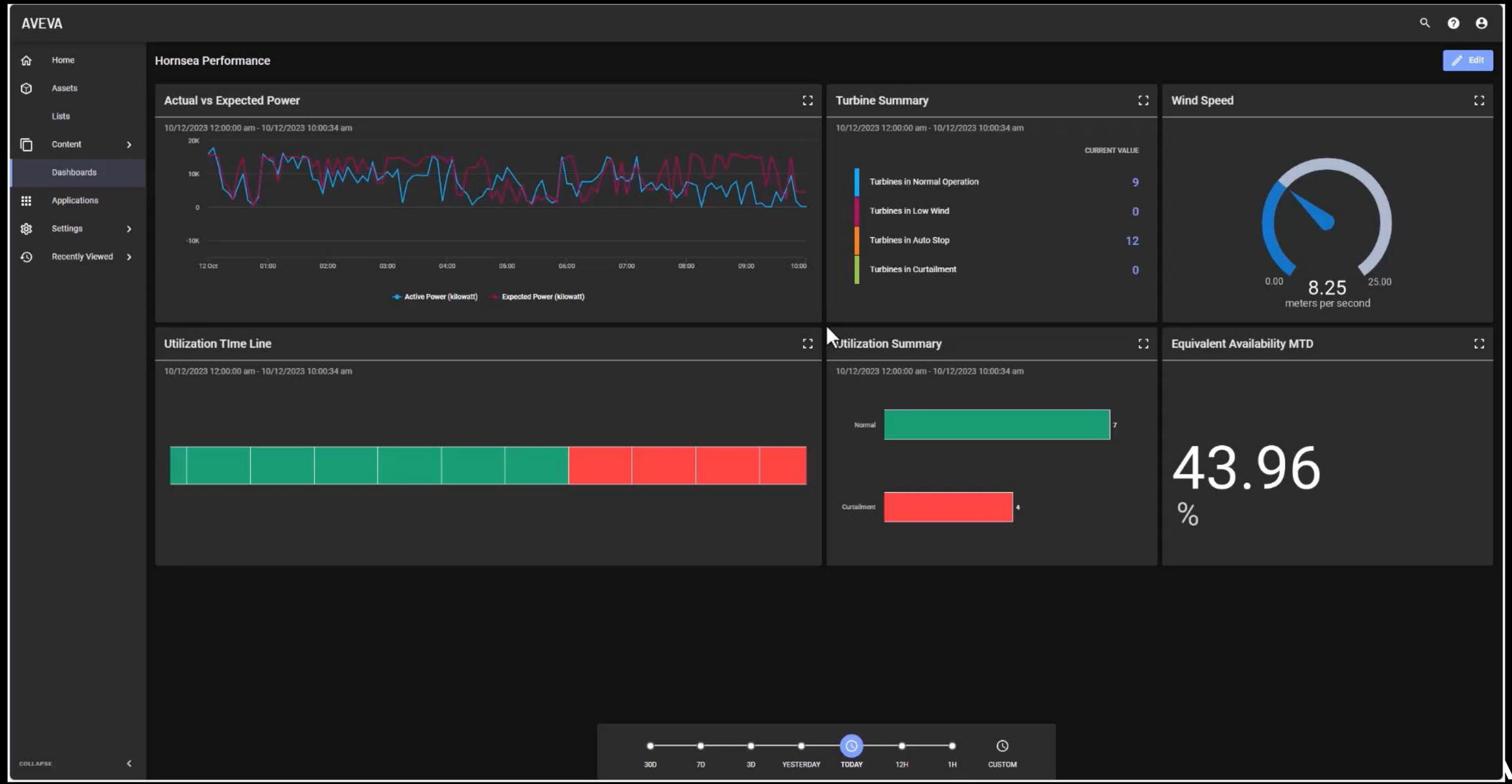
Innovation lighthouse: Industrial generative AI


AVEVA
Home
Assets
Lists
Content
Dashboards
Applications
Settings
Recently Viewed
COLLAPSE
Hornsea Performance
Edit
Actual vs Expected Power
10/12/2023 12:00:00 am - 10/12/2023 10:00:34 am
20K
10K
0
-10K
12 Oct
01:00
02:00
03:00
04:00
05:00
06:00
07:00
08:00
09:00
10:00
Active Power (kilowatt)
Expected Power (kilowatt)
Turbine Summary
10/12/2023 12:00:00 am - 10/12/2023 10:00:34 am
CURRENT VALUE
Turbines in Normal Operation
9
Turbines in Low Wind
0
Turbines in Auto Stop
12
Turbines in Curtailment
0
Wind Speed
0.00
8.25
25.00
meters per second
Utilization TIme Line
10/12/2023 12:00:00 am - 10/12/2023 10:00:34 am
Utilization Summary
10/12/2023 12:00:00 am - 10/12/2023 10:00:34 am
Normal
7
Curtailment
4
Equivalent Availability MTD
43.96
%
30D
7D
3D
YESTERDAY
TODAY
12H
1H
CUSTOM

Build connections,
spark your ingenuity
AVEVA