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# PI Historian for Single Source of Truth for the Enterprise

Operational data management for essential industries

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According to Seagate, only **32%** of the data available to enterprises was put to work

56% of data is

captured through operations

44% of data goes uncaptured

57% of captured data is **used** 

43% remains largely unused

68%

of data goes unleveraged

Source: The Seagate Rethink Data Survey, IDC, 2020

## Real-time operations data is the lifeblood of your business

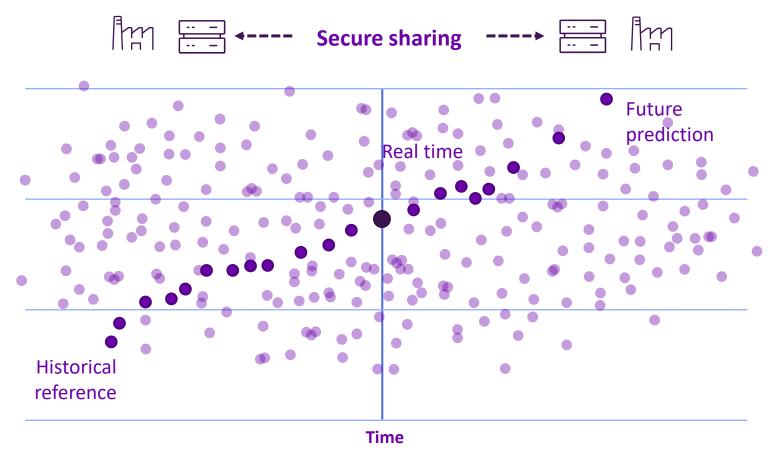
Harnessing it is essential to ensure teams and systems have reliable, relevant and timely information in context to support real-time decision making and uncover operational insights...

- ✓ Ensuring availability and reliability of assets
- ✓ Optimizing production and uptime
- ✓ Reducing opex and capex
- ✓ Minimizing maintenance
- ✓ Improving energy efficiency and sustainability
- Ensuring quality control and compliance
- ✓ Protecting workers health and safety
- ✓ Creating competitive advantage



### What makes OT data so difficult to harness?

Scope, scale, secure sharing



### SCOPE Collect data

- Legacy and new
- High fidelity
- Real time and historical

#### SCALE Manage data

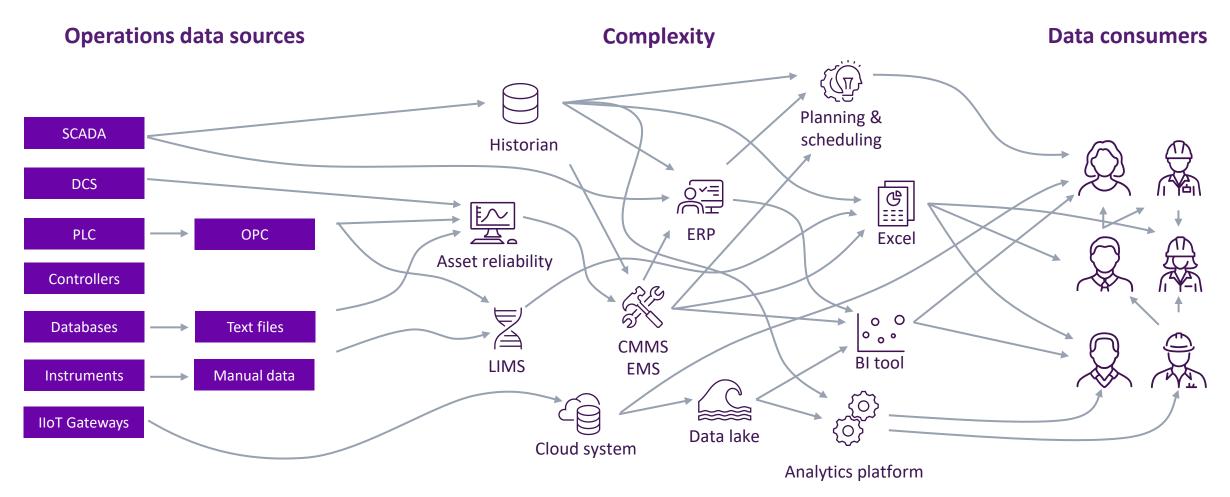
- Store for rapid retrieval
- Secure at rest and in motion
- Clean, transformed, and contextualized

### SECURITY Use data

- Secure across OT, ET, IT, business domains
- Self-service and Al-ready
- Share across business and ecosystem

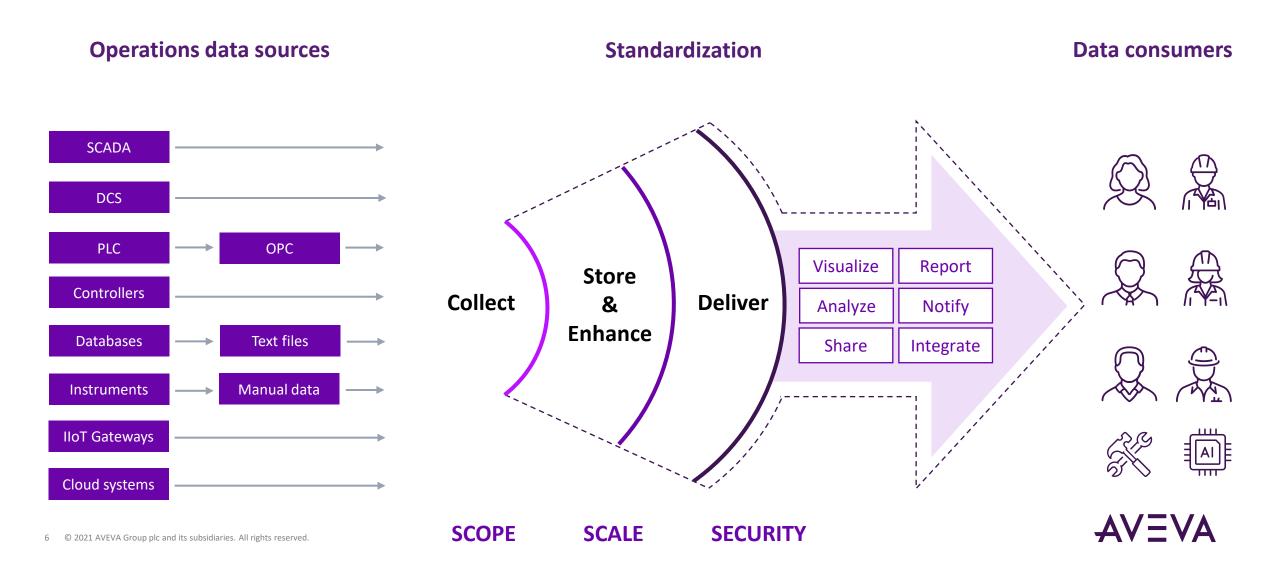


### Managing operations data is complex

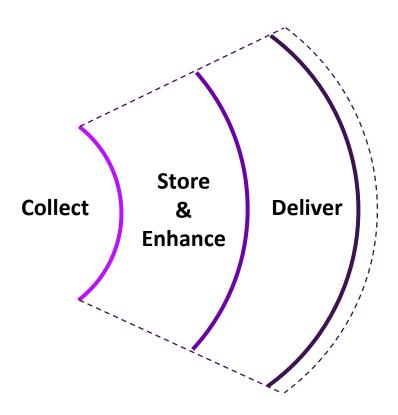




#### Connect people to data with an infrastructure approach



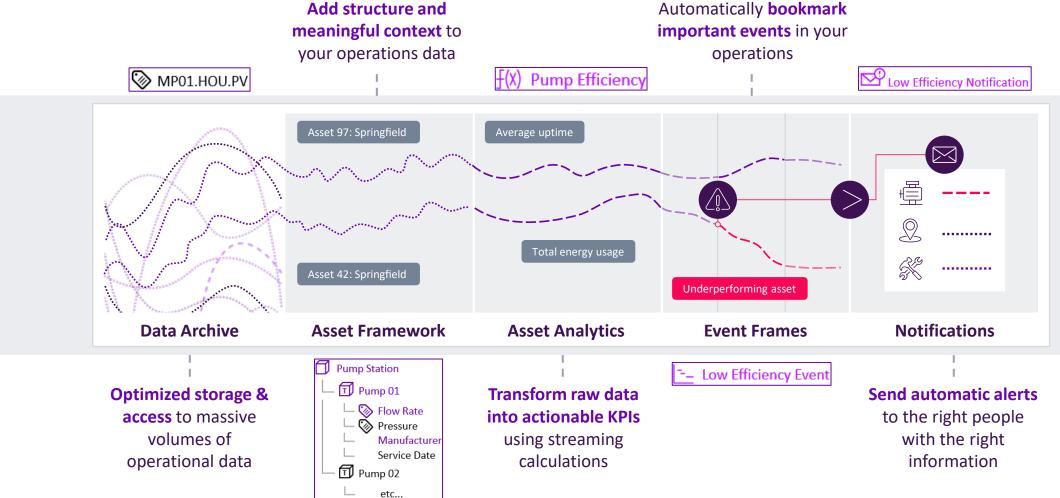
### PI System technology layers



- It can collect the data that you need to make decisions
- It can enhance that raw data to turn it into actionable information
- And it can deliver it where and when you need it

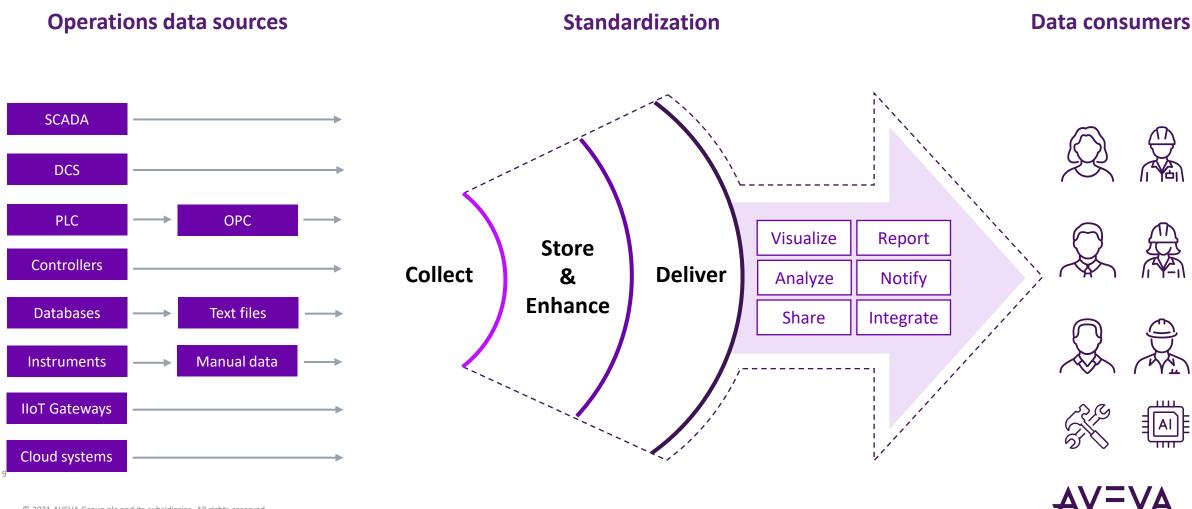


#### Turn raw data into decision-ready information





#### Connect people to data with an infrastructure approach



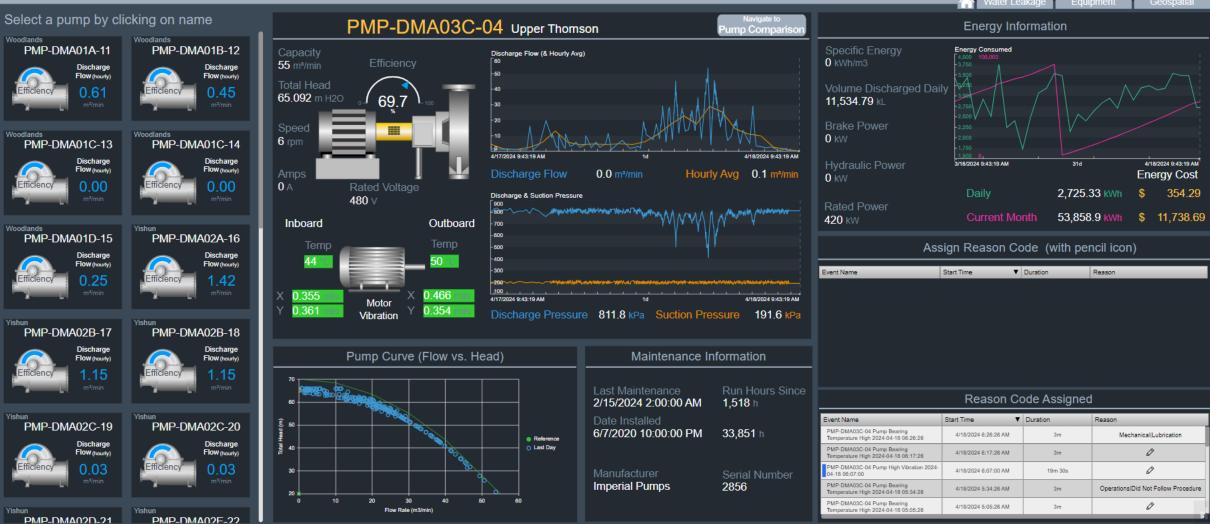
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#### **Pump Detailed Display**

















#### PI System: trusted by essential industries for over 40 years

PI System's capabilities have proven their value time and time again



Oil & Gas

85%

of the top oil and gas companies



Power & Utilities

1000+

utilities worldwide



Mining & Metals

9

of the top 10 Mining companies



Pharma & Life Sciences

24

of the top 25 Pharmaceutical companies



Chemicals

9

of the top 10 Chemical companies



Manufacturing

6

of the World Economic Forum's
Factories of the Future



#### Better data. Better business outcomes.

PI Systems have allowed incredible business success for over 4 decades



Asset health

DCP Midstream saved

\$20-25 million

in first year



Energy efficiency

Air Liquide achieved

10x ROI

in operational savings in first 8 months



**Process optimization** 

ArcelorMittal shipped

**26M** additional tons

for \$120M in added revenue



Quality tracking

Deschutes postponed

\$8 million

capital upgrade



Compliance & sustainability

TasWater sped up response time by

13 hours

and saved the local oysters



Safety & resilience

Qatar Power operated over

3,452 days

without lost-time accidents



# Thank you

