



AI
Trailblazer

AVEVA CONNECT Industrial Cloud Platform

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connect



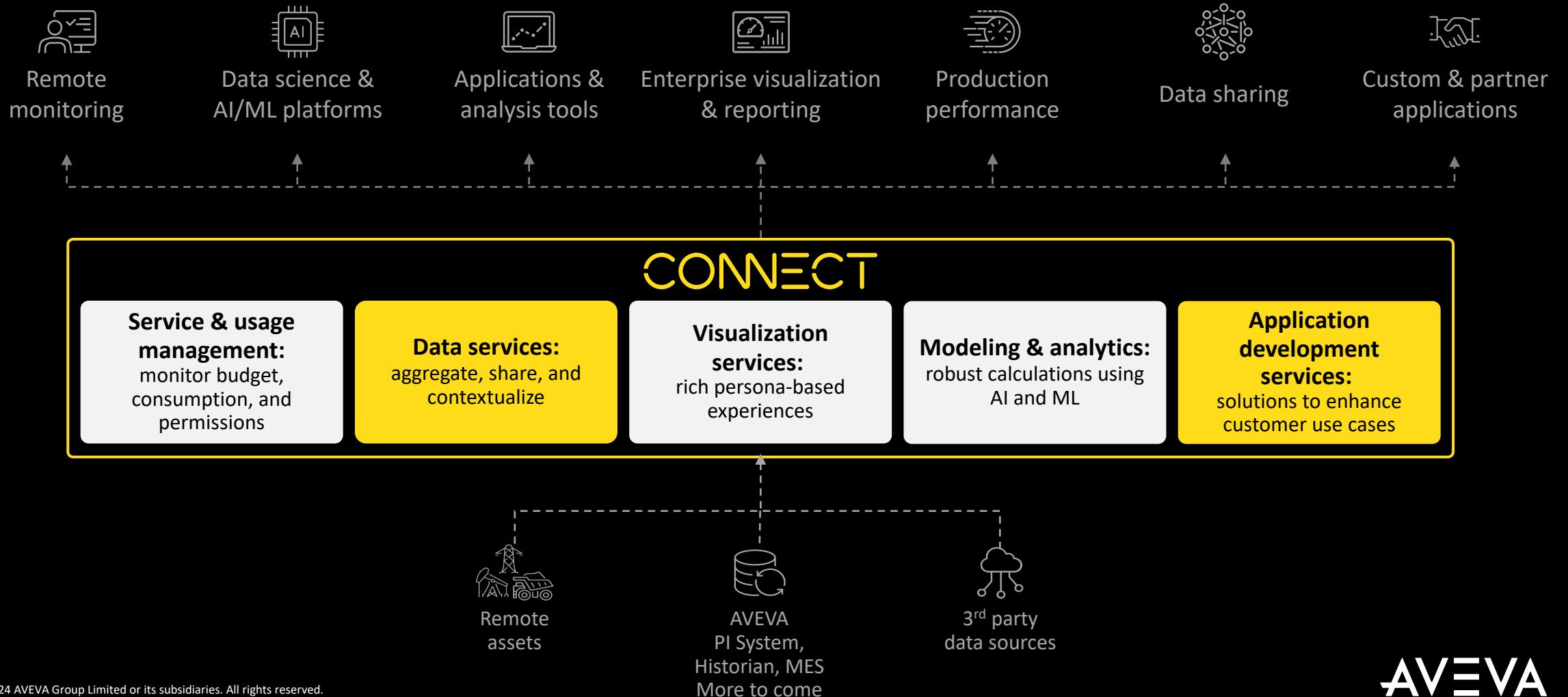
APRIL 2024

CONNECT Industrial Cloud Platform

AVEVA

CONNECT, our industrial intelligence platform

Open and neutral, providing rich data insights for your unified industrial ecosystem





Up to
73%
of all data collected within
enterprises goes unused

WHAT IS CONNECT data services?

Cloud-native platform for real-time operations

Purpose-built for operations

Security suitable for critical operations

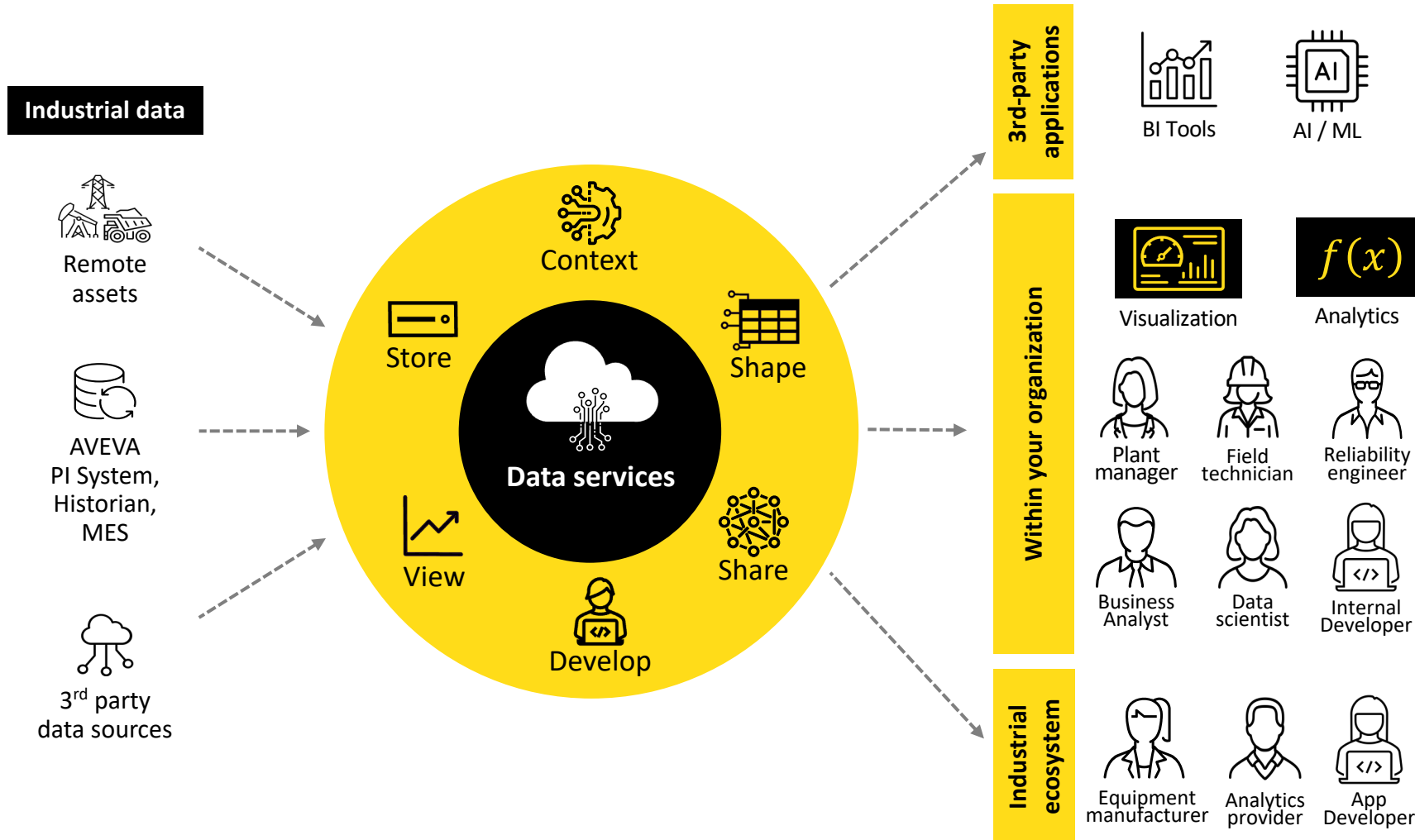
Allows users to **interact with data**,
not microservices

Provisioned and usable before lunch



CONNECT data services (AVEVA Data Hub)

Aggregate, contextualize, and share real-time industrial data



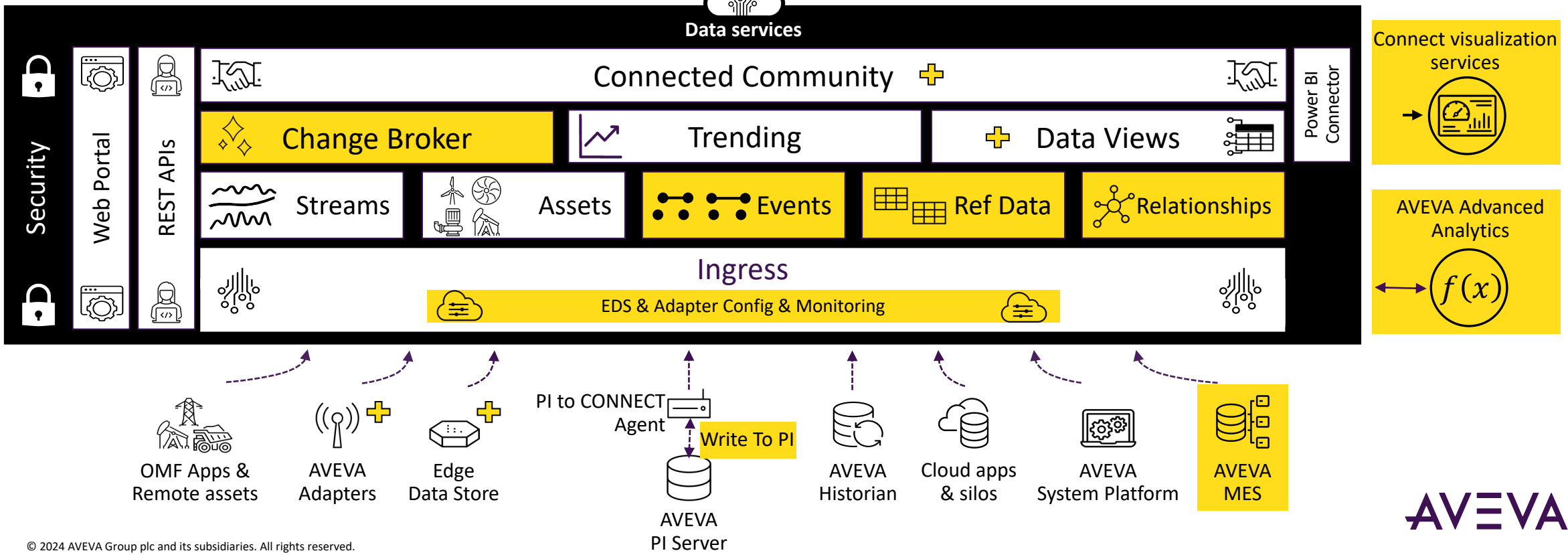
- Build and manage a central data repository for BI, AI and ML tools
- Securely share your industrial information with authorized users, extending the use of your existing data beyond your organization's four walls
- Enable 3rd-party providers to access real-time industrial data for customized services and applications

CONNECT data services in 2024 – What’s New



- Remote monitoring
- Data science & AI/ML platforms
- Applications & analysis tools
- Enterprise visualization
- Reporting & dashboards
- Production performance
- Data sharing
- Custom & partner applications

CONNECT

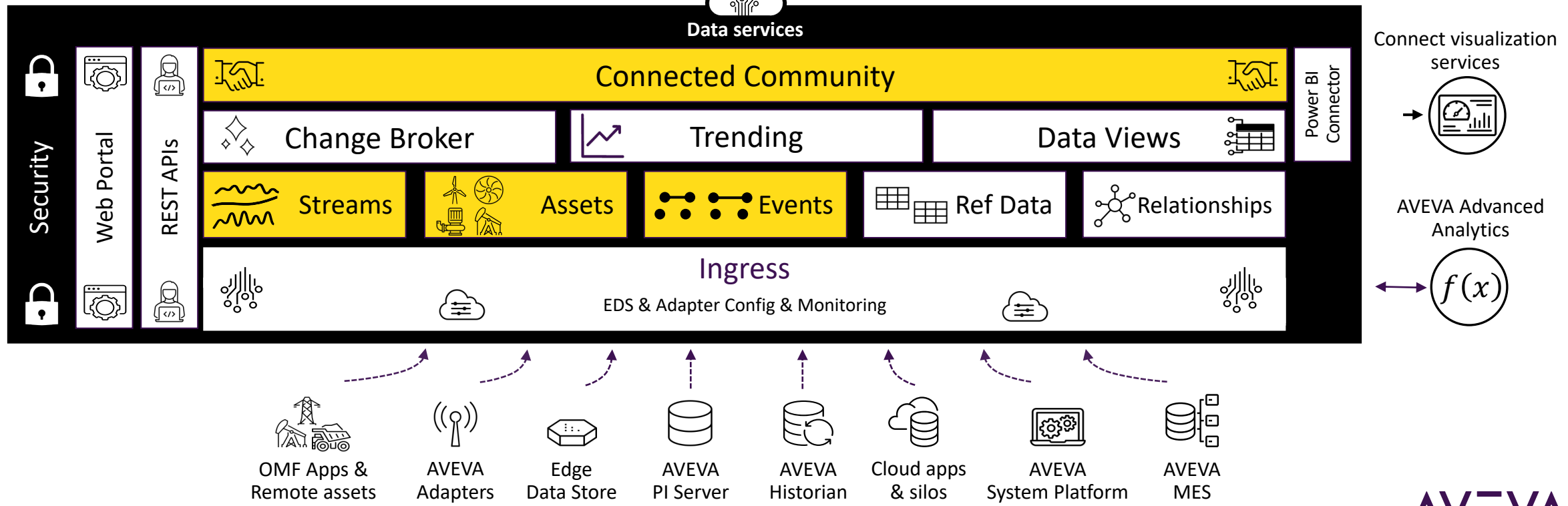


CONNECT data services – Important to Seeq



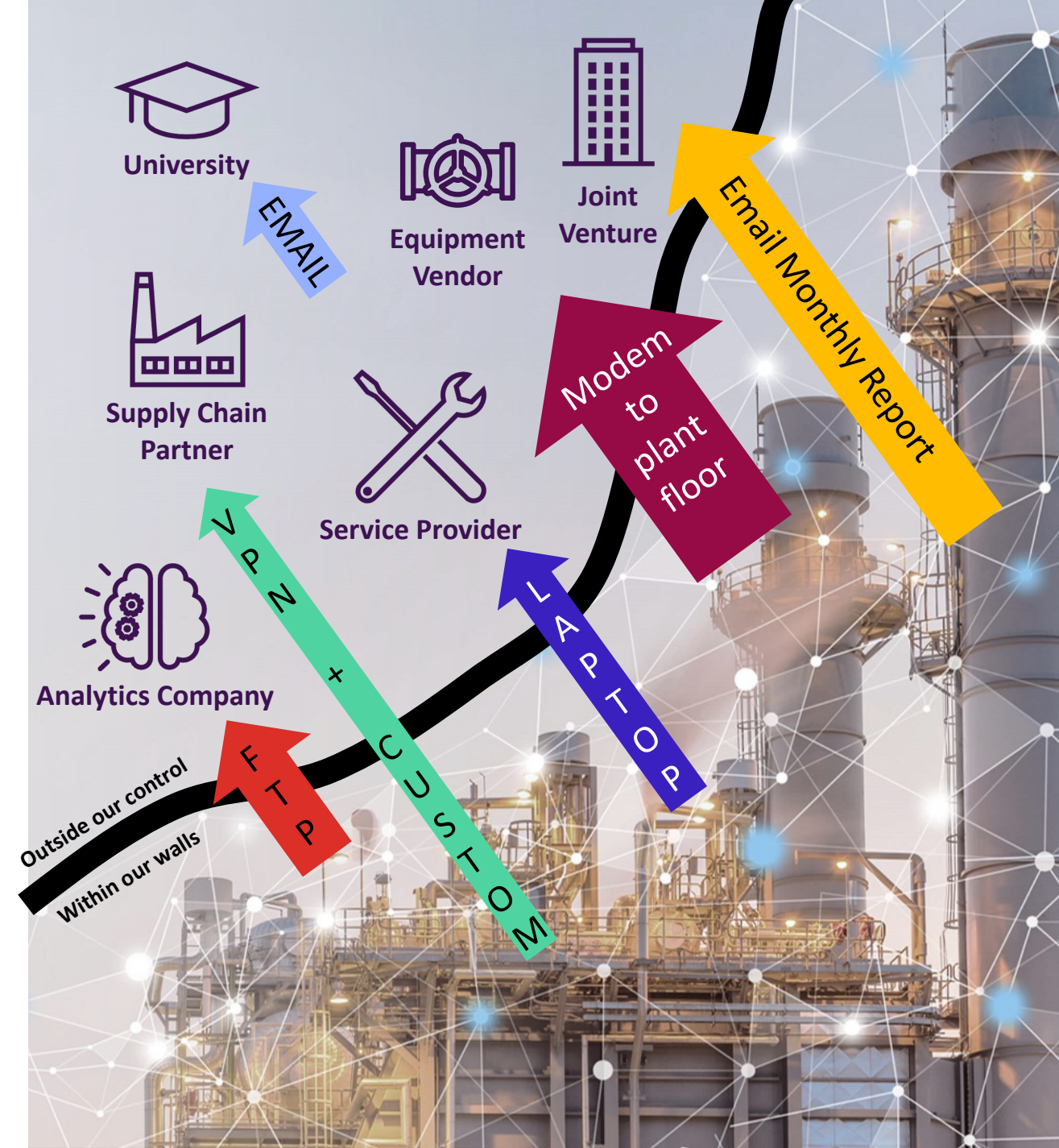
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CONNECT

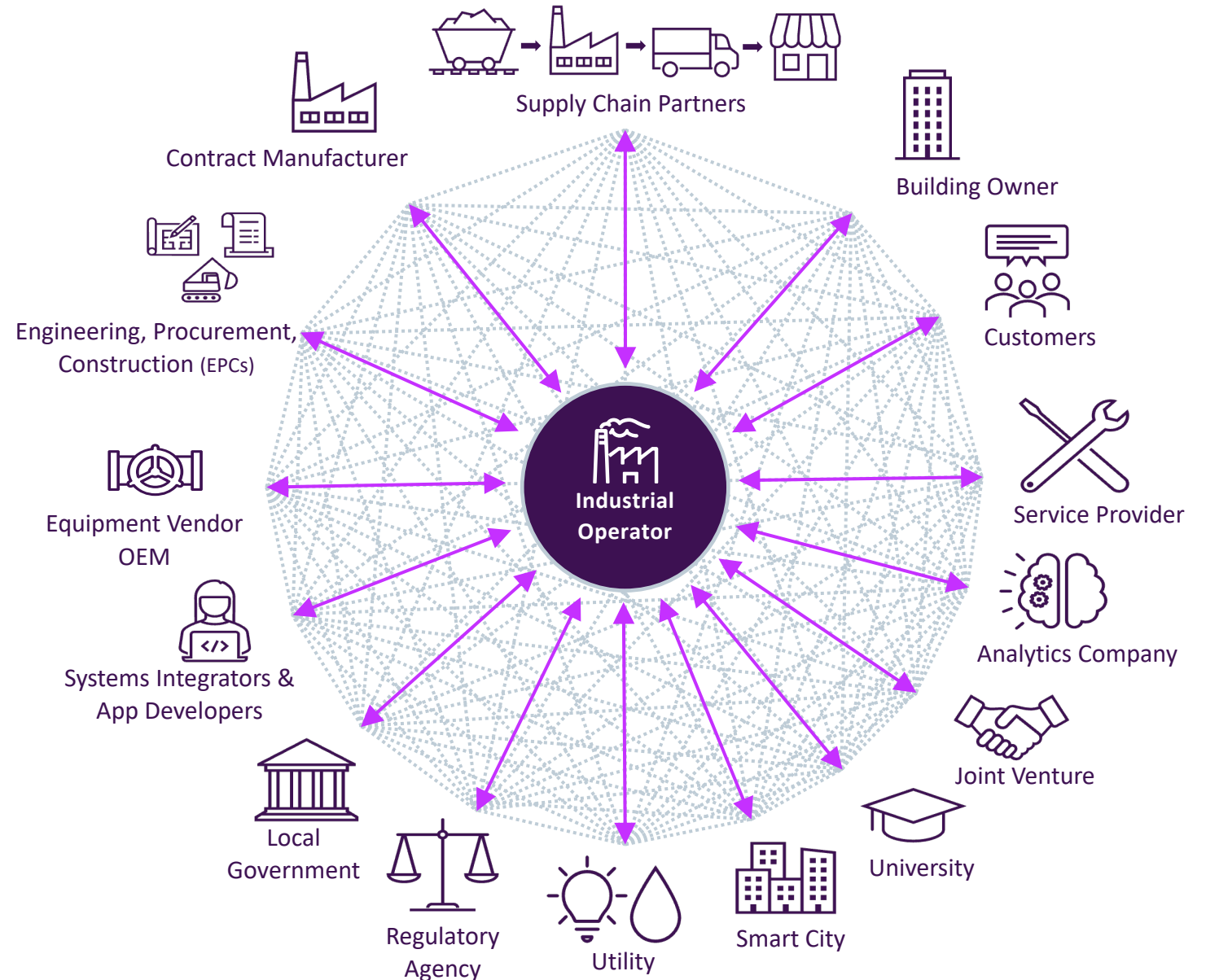


Data sharing can be challenging ...

- No standard scalable way to share OT data
- Who has an eye on your data?
- Increased security risk
- Maintaining control & confidentiality
- High IT/overhead cost
- Not everyone has PI



Empowering an ecosystem to deliver customer value



Connecting people to that data is key

Leveraging the cloud to empower your ecosystem securely and seamlessly across the value chain for exponential business growth

40%

of global organizations will have a digital platform in place for ecosystem operation by 2025, driving a 10% higher data capitalization rate than those that do not take this approach

Source: IDC 2024 Future of Industry Ecosystems FutureScape,

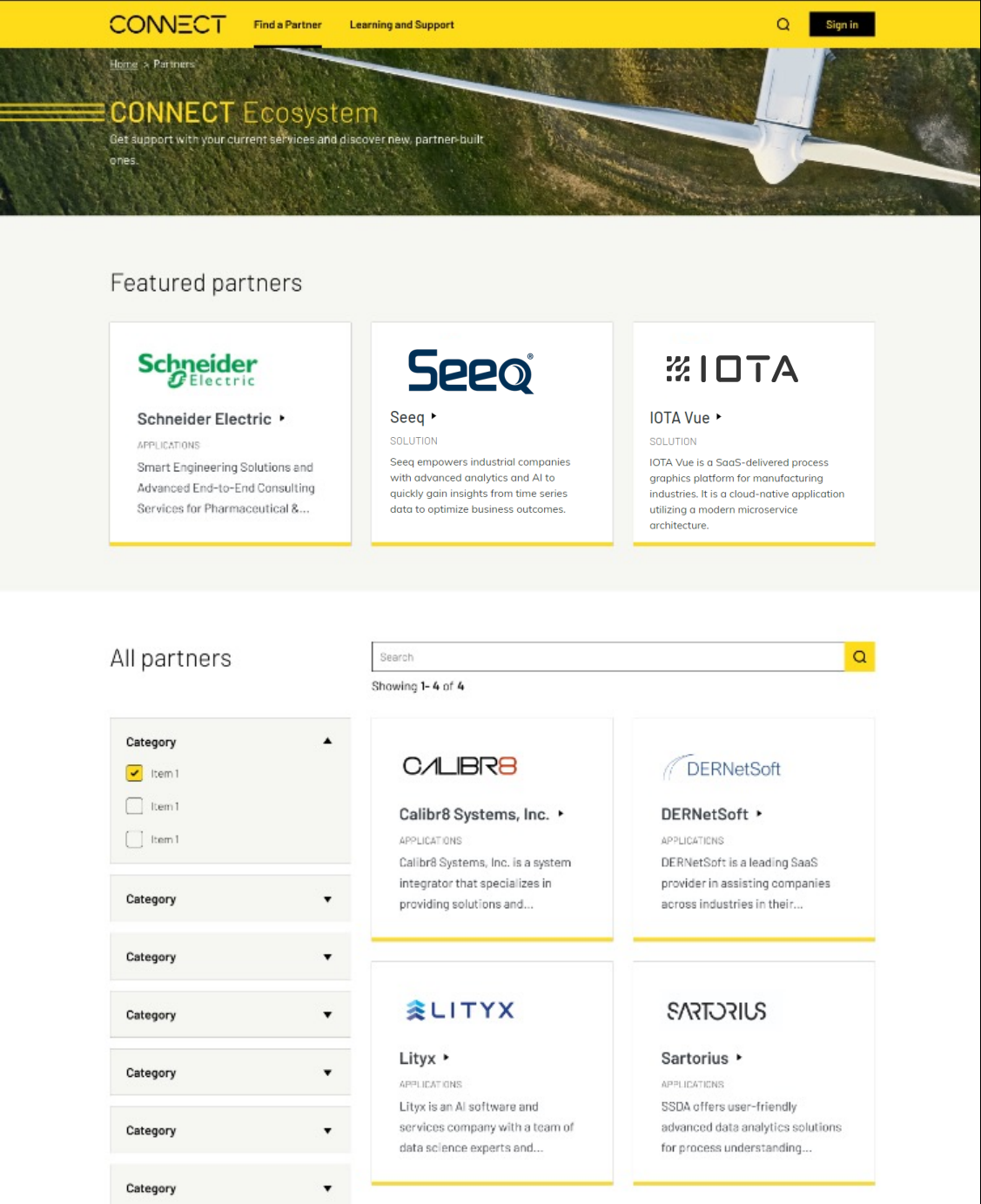
7+%

more revenue growth for companies further along in their digital transformation journey than industry peers

McKinsey

CONNECT

Partner Marketplace w/ Search
(Future)



How does Seeq Connect to CONNECT?



MES enterprise production performance reporting with AVEVA hybrid MES

MES Production Performance Analysis

Single Asset Scenarios:

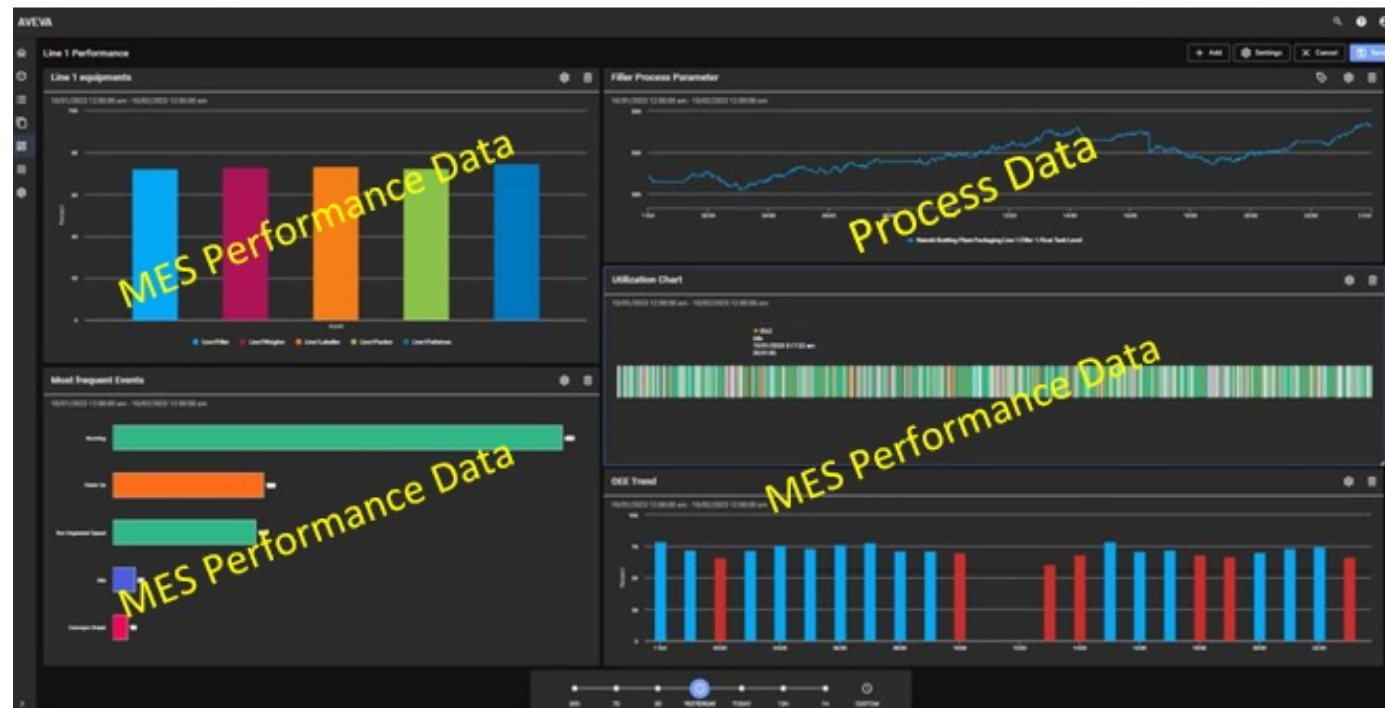
- OEE KPIs (*)
- OEE KPIs by Product/by Shift (*)
- OEE KPIs Trend (*)
- OEE KPI Details (*)
- Production Summary
- Production Trend
- Utilization Status
- Utilization Summary
- Utilization Trend
- Utilization Timeline/Gantt
- Utilization Time Summary
- Utilization Time Summary by Product/by Shift
- Utilization Details

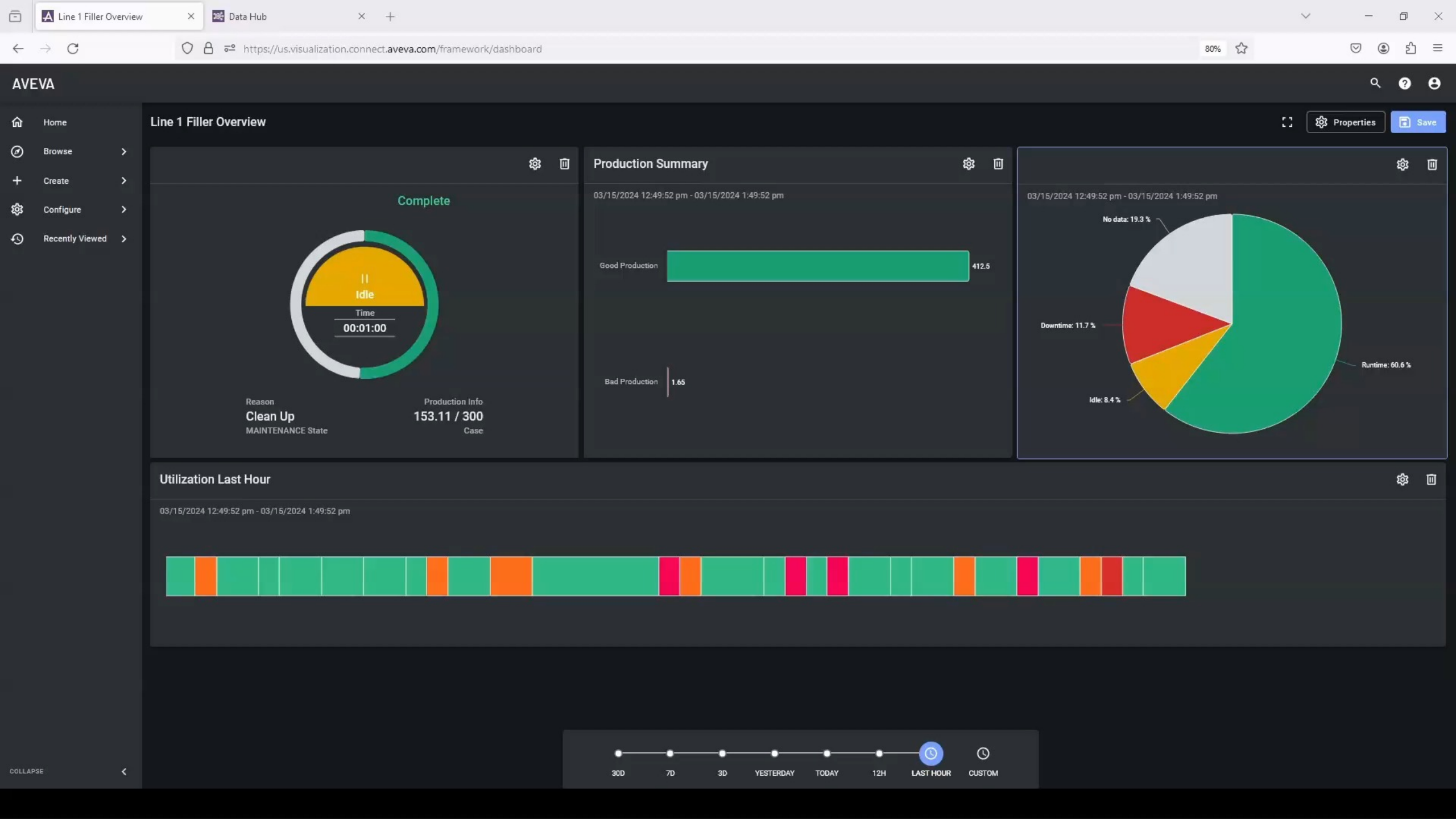
Multi-Asset Comparison Scenarios:

- OEE KPI (*)
- Downtime Summary
- MTTR/MTBF Summary

(*) OEE KPIs includes OEE, Availability, Performance & Quality

AVEVA Connect visualization services





Customer use case



F. Hoffmann-La Roche requires a reliable cloud-based data platform

Pharma & Life Sciences | Switzerland - Global



Challenges

- Availability of relevant data for business analysts of ROCHE
- Terabytes in the PI System become petabytes in a commercial datalake
- Complex server landscape to aggregate data at global scale
- High skill set and expertise required to work with data
- Demonstration of project results in less than 3 months (target milestone: Hannover Messe)

Solution

- Leverage CONNECT Data Services (aka AVEVA Data Hub) as **industrial** data enablement infrastructure
- Leverage AVEVA Advanced Analytics for rapid implementation of self-service data analytics

Results

- End-to-End data availability
- Major reduction of data consumption cost (petabytes become terabytes again 😊)
- Potential reduction by approx. up to 70 servers within the entire system landscape
- accelerated time-to-market for industrial data-products

“

We didn't expect to have tangible results within such a short time frame. CONNECT data services supported by strong partner (Capgemini) accelerates the time-to-value of a cloud-based data infrastructure significantly

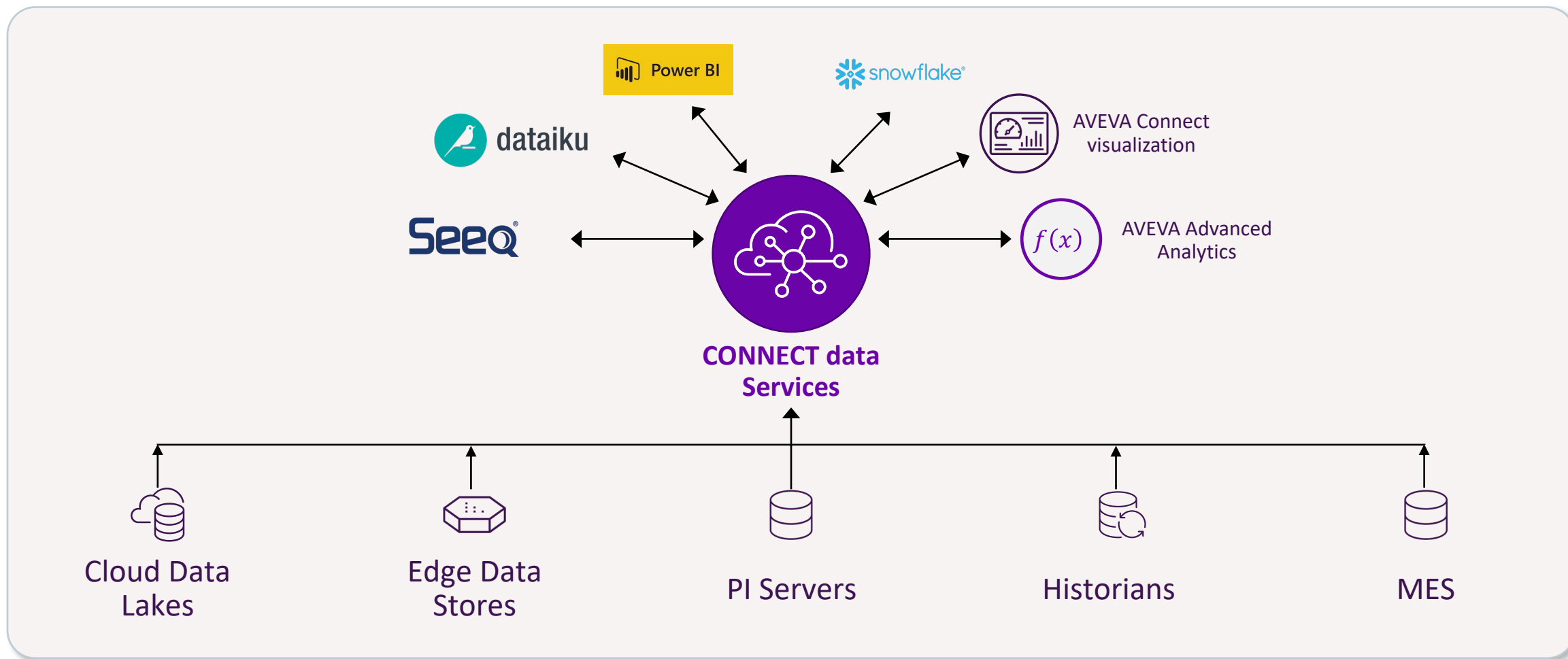
Heiko Trefzger, ROCHE, Product Manager – Data & Insights

”

[Learn more](#)

AVEVA

Use case 1 – Data mesh





Thank you

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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.

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