

THURSDAY, MAY 19, 2022

Securely share data with your trusted business partners & customers using AVEVA™ Data Hub connected community

Presented By: Todd Brown & Ryan McErlean

AVEVA

Agenda

What is AVEVA Connect & AVEVA Data Hub?

Why share industrial data?

Data sharing challenges

Sharing data with Connected Community

- Accessing & Visualizing shared data [DEMO]
- Data sharing that puts you in control of your data

Customer Success Stories

Commercial Approach & Roadmap

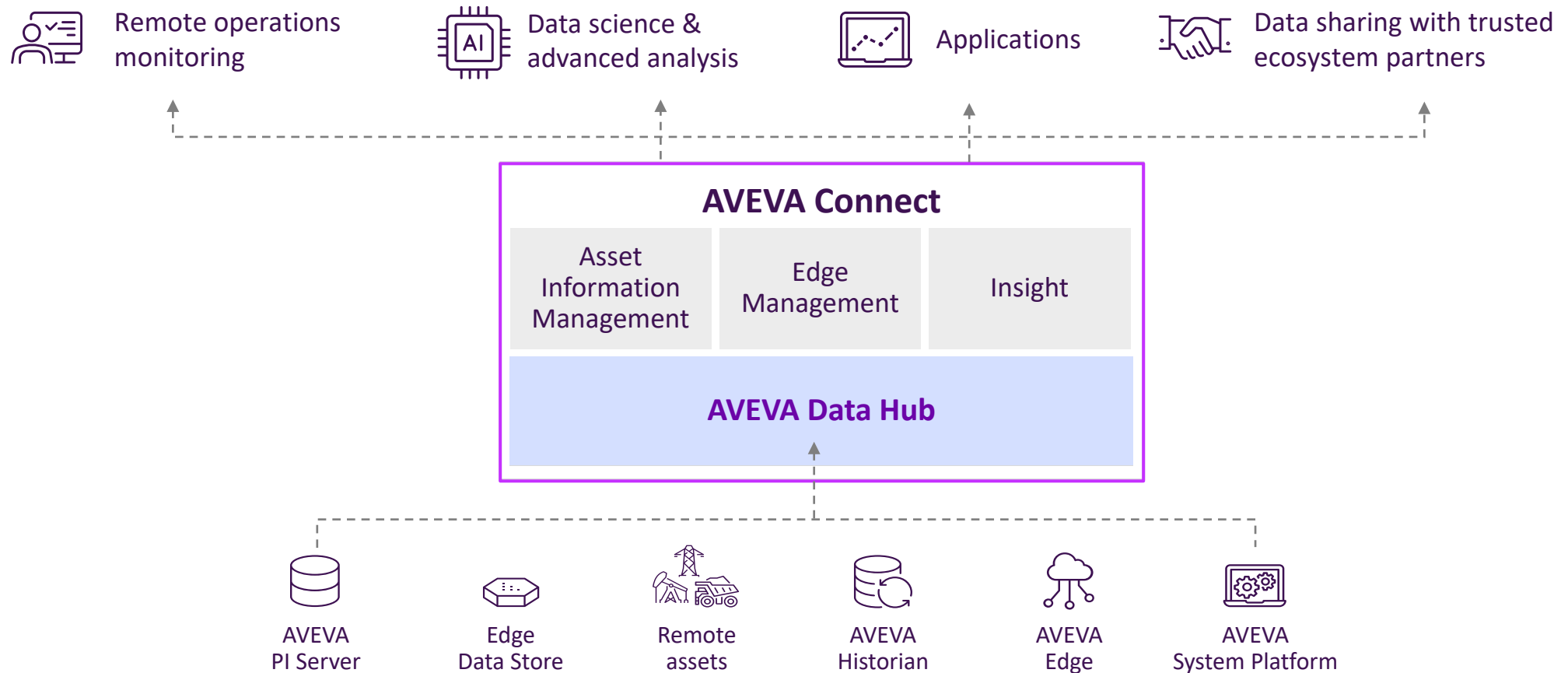
Wrap up

What is AVEVA Connect & AVEVA Data Hub?



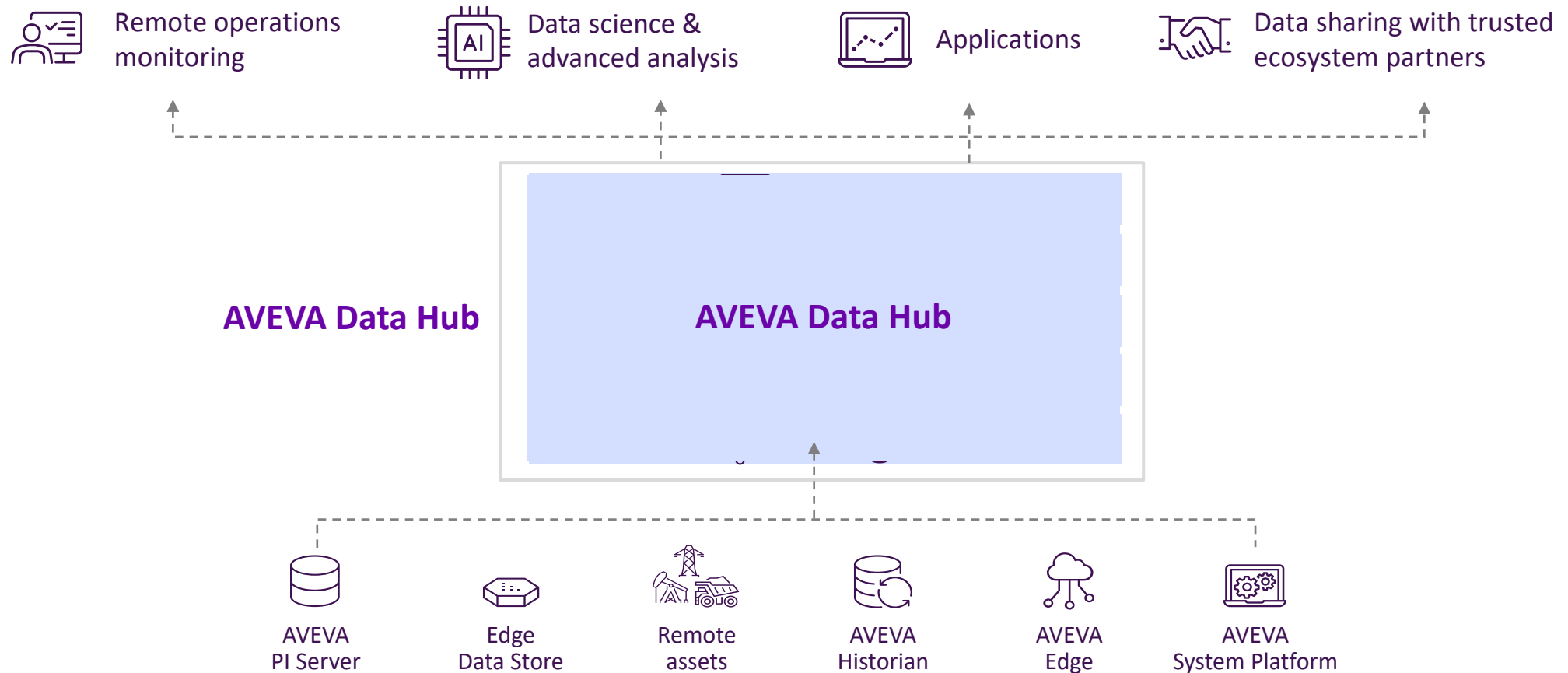
Connecting with your trusted ecosystem partners

AVEVA Connect enables a hybrid data architecture through cloud offerings



Connecting with your trusted ecosystem partners

AVEVA Connect enables a hybrid data architecture through cloud offerings



Why share industrial data?

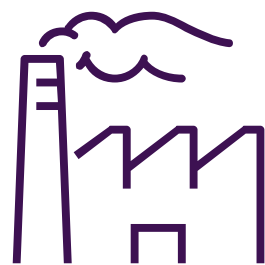
Getting more value out of industrial data, together

“You have to share data or you’re going to get outages.”

“We have 5-7 contract manufacturers for this product alone long term. This will not go down, it’s the future of our industry.”

“Sharing data across organizations is brilliant.”

“We want a standard sharing approach for the entire world. We’re the experts of the process. We are not the experts of the individual components that are part of our process. This is why we want to share data.”



Industrial Operator

“We can get added value because we can send the data to the cloud, our service provider subscribes, they do their analysis, and they can notify us if we have a water leak.”



Service Provider

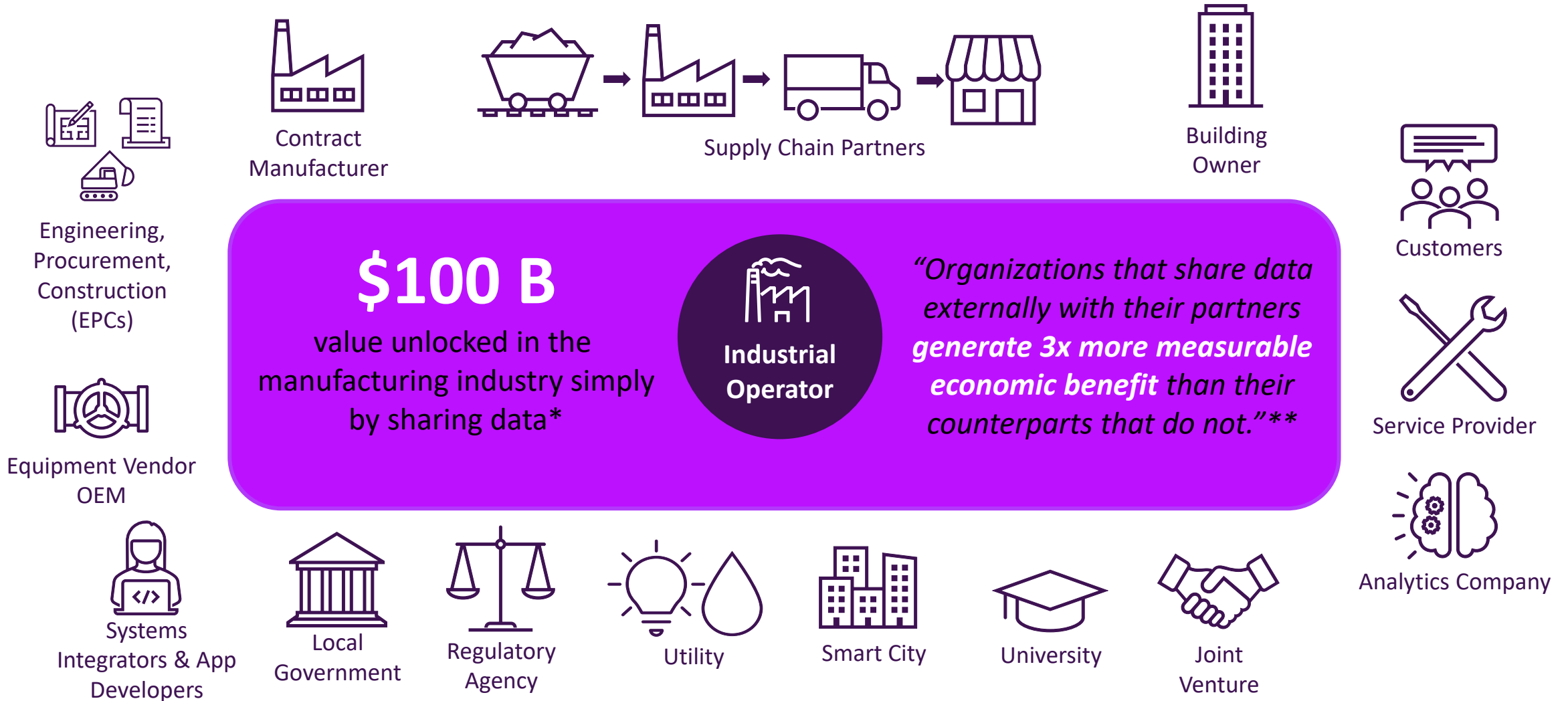
“We have big production clusters and have a team of data scientists to look at the data models and pass these analytics back to the customers. Our goal is to make money out of data.”

“Sharing this data provides more transparency with our customers ... we have customers for 15 years ... it helps build trust with our long-standing partnerships.”

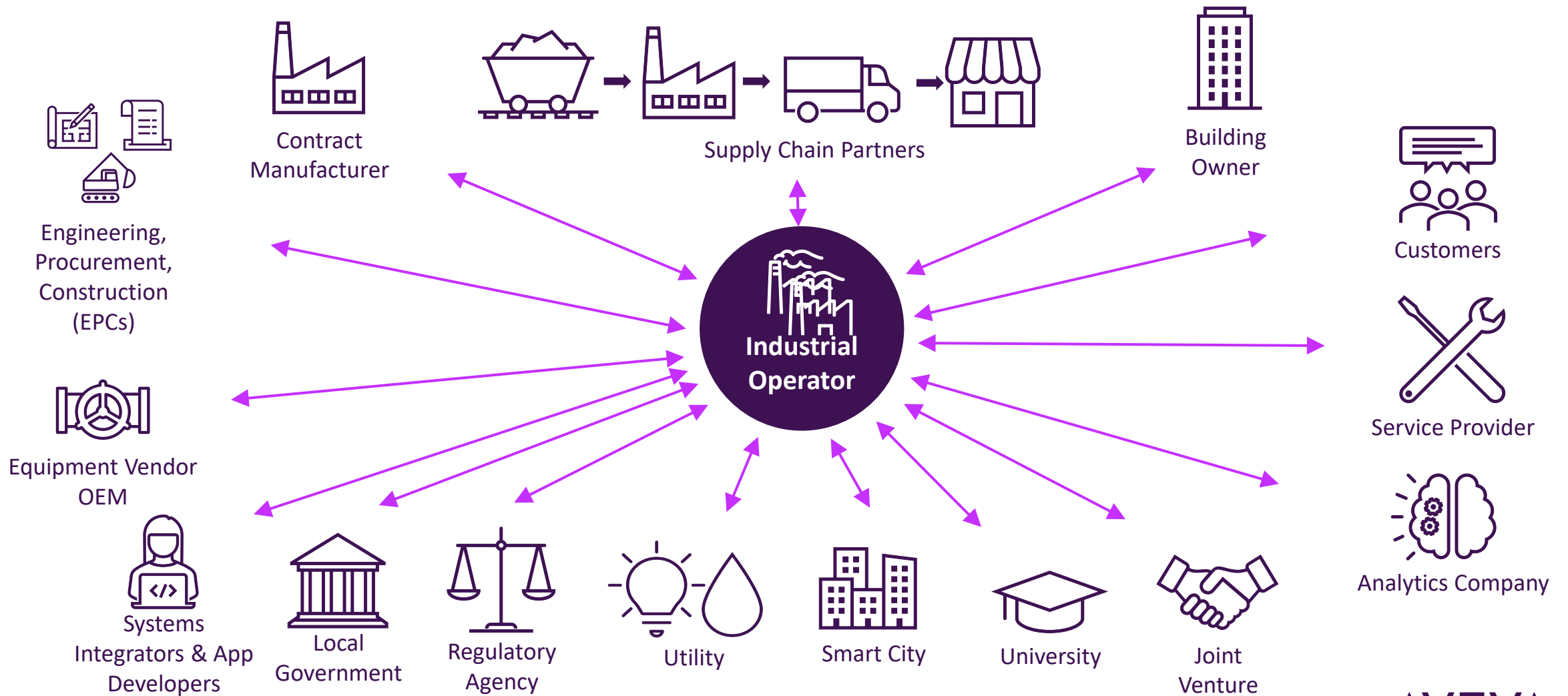
“We talk and collaborate daily with our customer. We want to make sure the data we’re sharing with them is useful. Our goal is to be a good steward of the data and help make them successful.”

“The data we get is the same data the clients see in their PI Server typically. So, the value add is the analytics that we perform on the equipment that we know.”

Empowering an ecosystem to deliver customer value



Empowering an ecosystem to deliver customer value



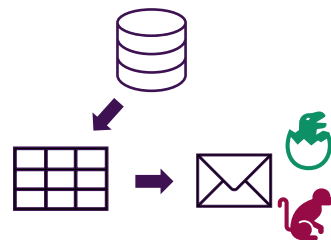
Data sharing challenges

Data sharing today

From the age of the dinosaurs & some modern-day monkey business!



Come on site & download data



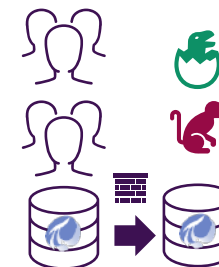
Export data / report & email



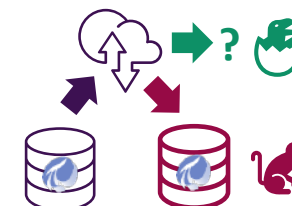
External users in our authentication & identity systems



VPNs or direct access to plant floor or custom apps w/csv, FTP, etc.



Duplicate 'customer facing' PI system



PI Cloud Connect



Stale, out of date data
Sparse snapshots of data, not granular
Very resource intensive
Analysis and value is severely delayed

Real time updating data
Full data granularity
Automated data copy to outside

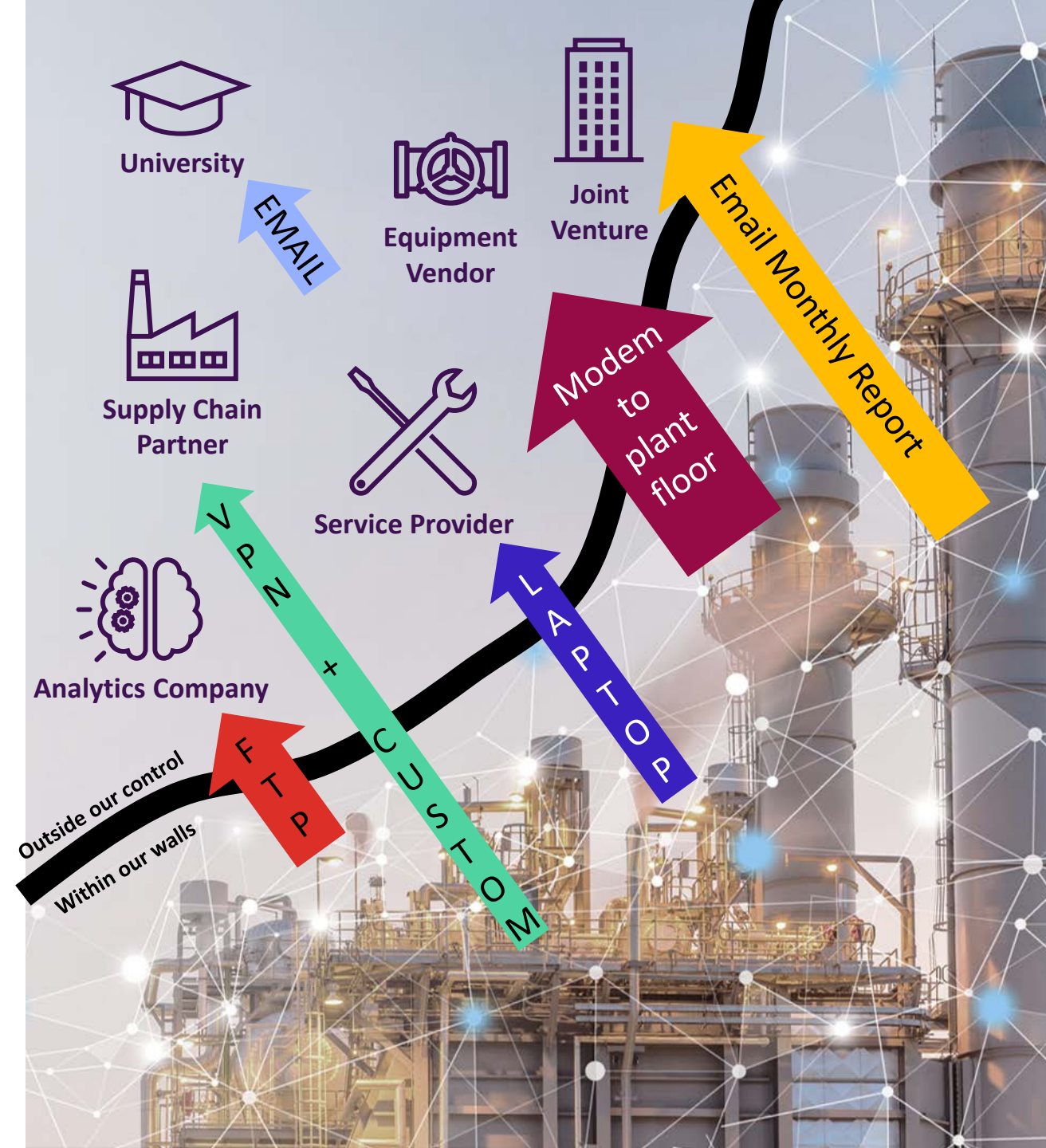
Industrial operator challenges

Sharing operations data externally

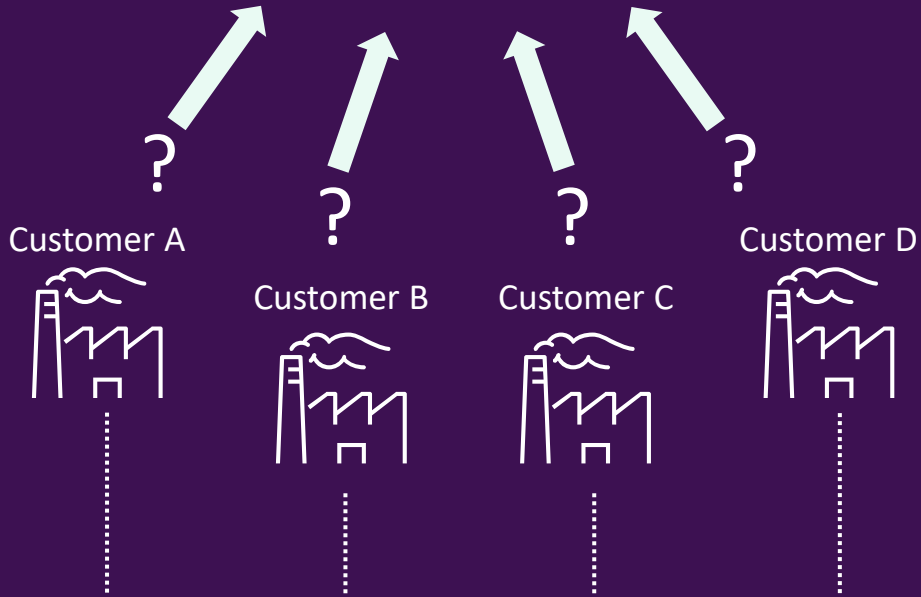
- × No standard scalable way to share
- × Increased security risk
- × Data is copied all over the place
- × Maintaining control & confidentiality
- × High IT cost
- × High overhead cost
- × Not everyone has PI
- × Not maximizing value

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Service Provider



The whole story



Remote assets



Equipment conditions



Wireless sensors & IoT gateways



Process data

Service provider challenges

Getting access to customer's operations data

- **Data from vendor devices alone may not tell the whole story**
- **Getting data from customer's plant site**
 - Onsite installation & configure hardware and software at plant, 3-5 days onsite
 - Setup dedicated VPN connection between companies, maintained on both sides
 - Ongoing configuration & maintenance of local hardware & software (+ some custom software databases)
- **Writing data management software is not a strength or our core expertise / business**
- **Potentially need to share results data back to the customer**
- **How to deliver my value & expertise at scale for many customers?**

The pain of sharing data externally today

In the words of our customers ...

“We don’t share with anyone because it’s such a pain today: VPNs, linking IT systems, opening up our SCADA systems. We don’t want cyber security events, so no thanks.”



“We don’t want to give them direct access, so we give them a locked down laptop that remote VPNs into our network. This is a horrible solution to be honest.”



“Today the data is copied all over the place. The main issue we have is many ways of communicating outside from our PI Systems via firewall openings. Not all these connections are really that secure.”



“We are transporting data around to different places and some data is taking strange routes with four or five systems along the way. It gets way out of your responsibility & is impossible to troubleshoot.”



“PI Cloud Connect works great for our customers that have a PI System. But 50-60% of our customers don’t have a PI System.”



AVEVA DATA HUB

Sharing data with Connected Community

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AVEVA Data Hub Connected Community

Enables simple & secure operational data sharing across organizations



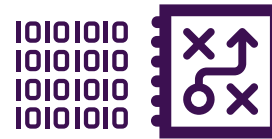
Achieve a more secure way of sharing your data



Manage your own users in your AVEVA Connect account



Easily connect to your trusted business partners in an AVEVA Data Hub community



Gain control over your shared data



optional

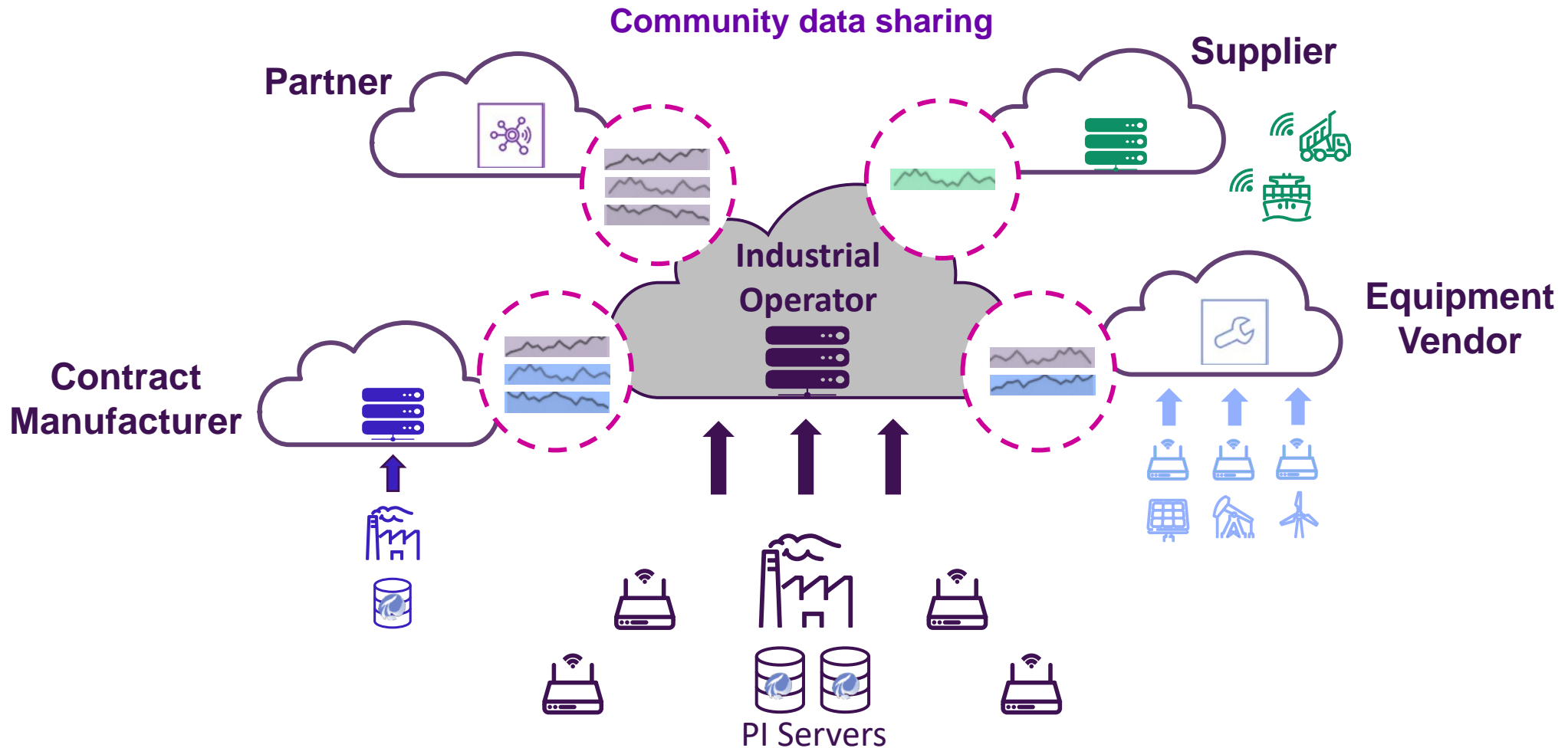
Works great with an AVEVA PI Server (but not required)



Scale your sharing to many business partners

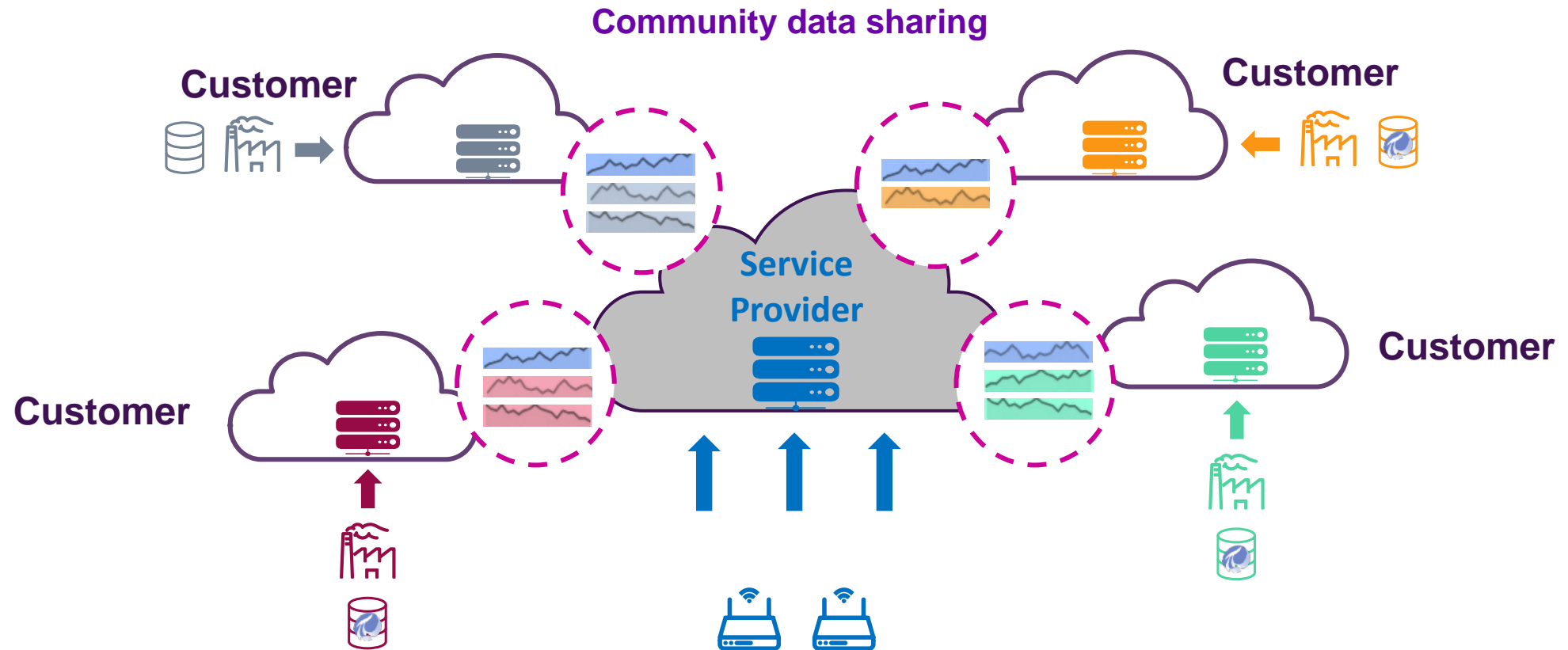
- Tenants
- Tenant members (users)
- Bidirectional access to stream data
- Trending of shared data
- API access to shared data

Connected Community – Industrial Operators

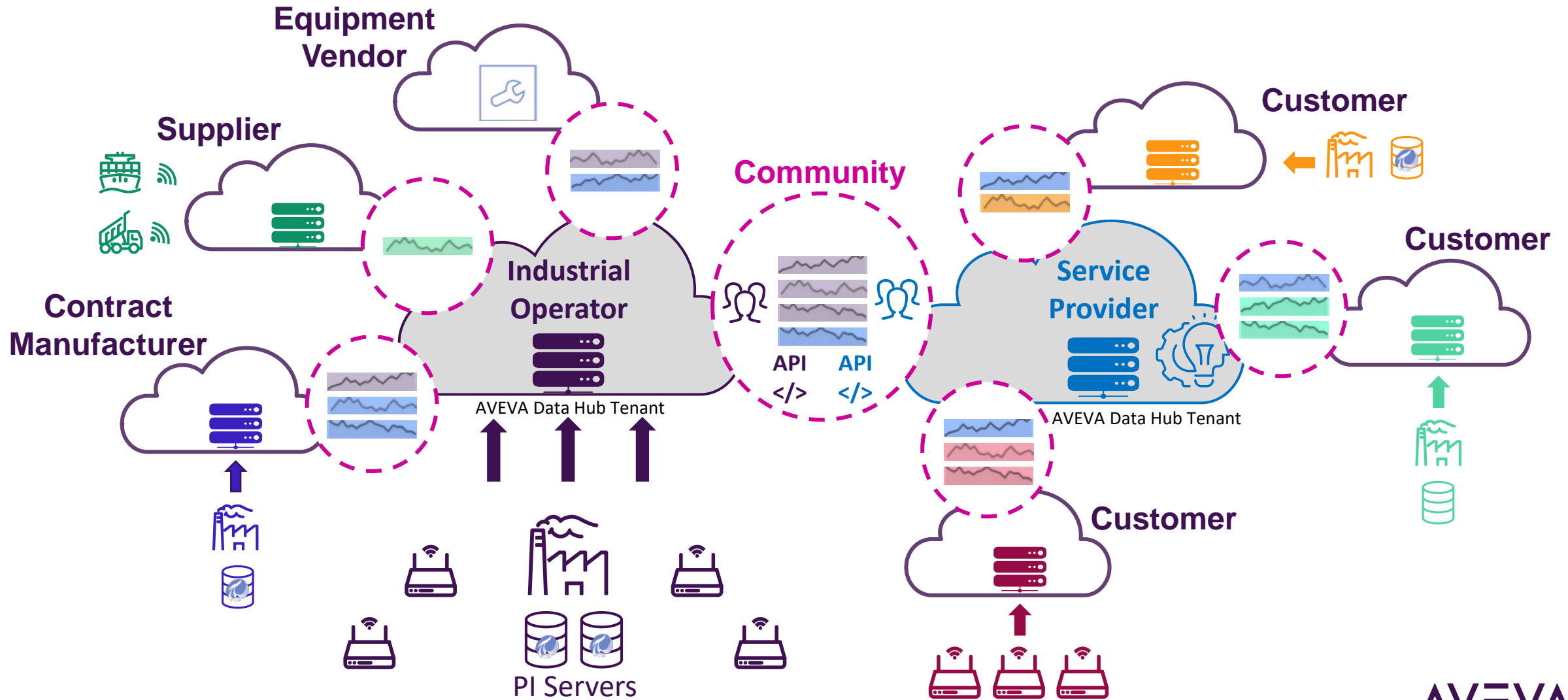


Connected Community – Service Providers

- Tenants
- Tenant members (users)
- Bidirectional access to stream data
- Trending of shared data
- API access to shared data



Easily scales to all your partners, even those without PI



AVEVA DATA HUB

Accessing & visualizing shared data

Connected Community

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Sustainability drives a need for data sharing



Power Producer
(Windtopia)

How do I make the power I generate more marketable?

- ? Simple-and-secure mechanism for sharing my data



Power Purchaser
(Bay Area Clean Energy)

Can I provide my customers with visibility into energy sources?

- ? Visibility into energy production I'm purchasing
- ? Share with partners for forecasting & scheduling power bids on market

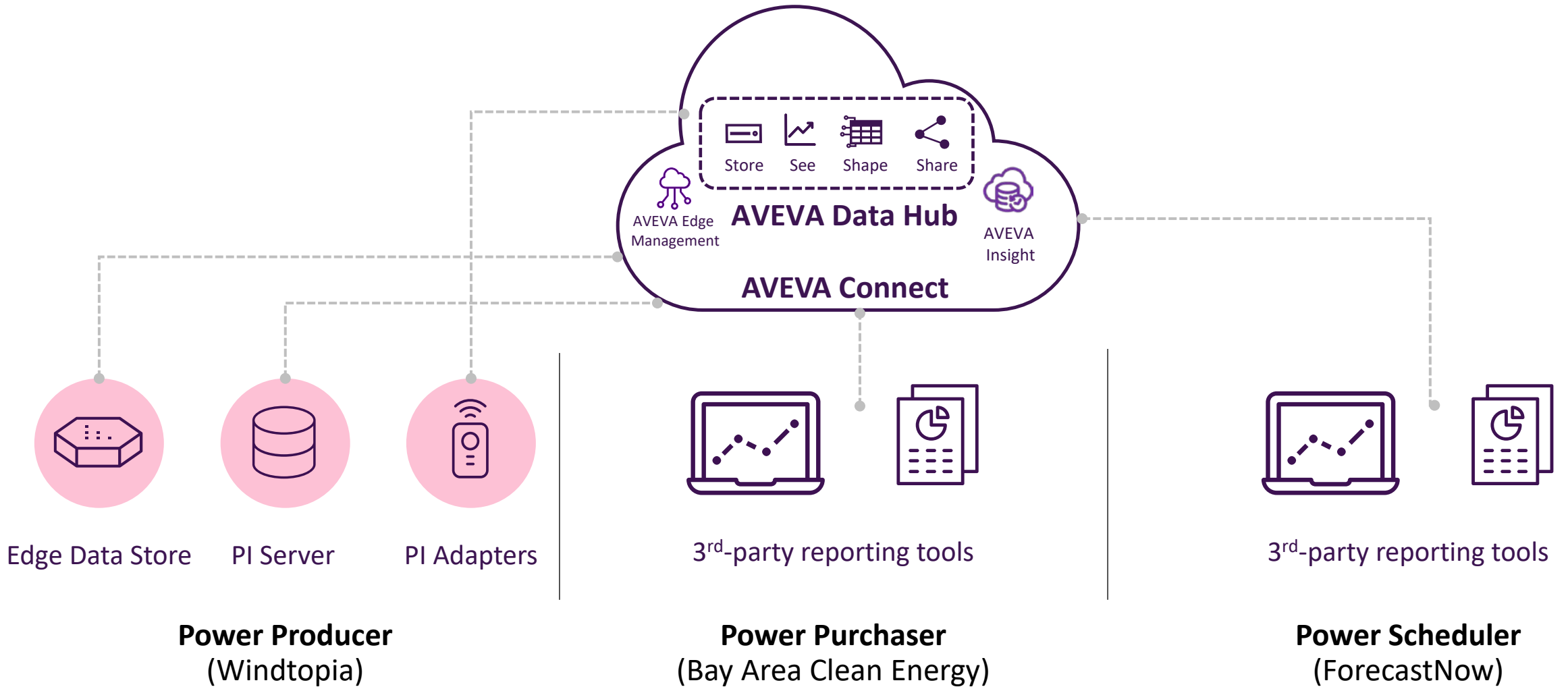


Power Scheduler
(ForecastNow)

How can I provide better forecasting data?

- ? Visibility into current and past energy production

Multi-tenant, cloud-native platform built for data sharing



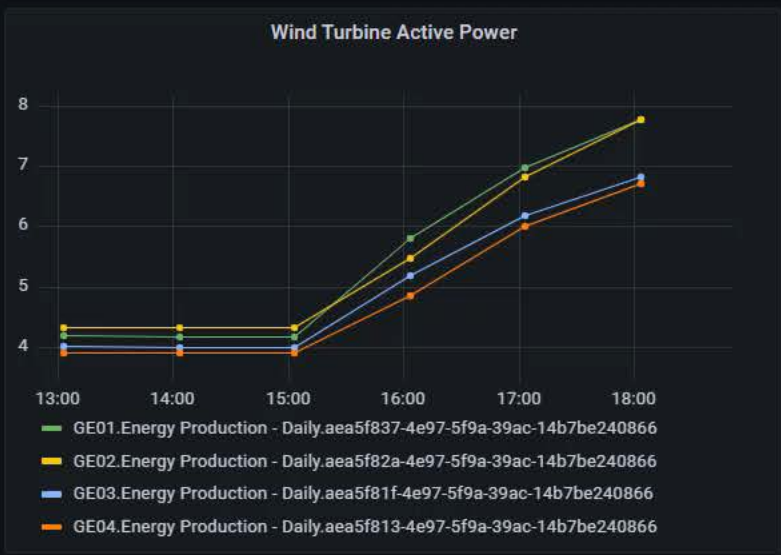
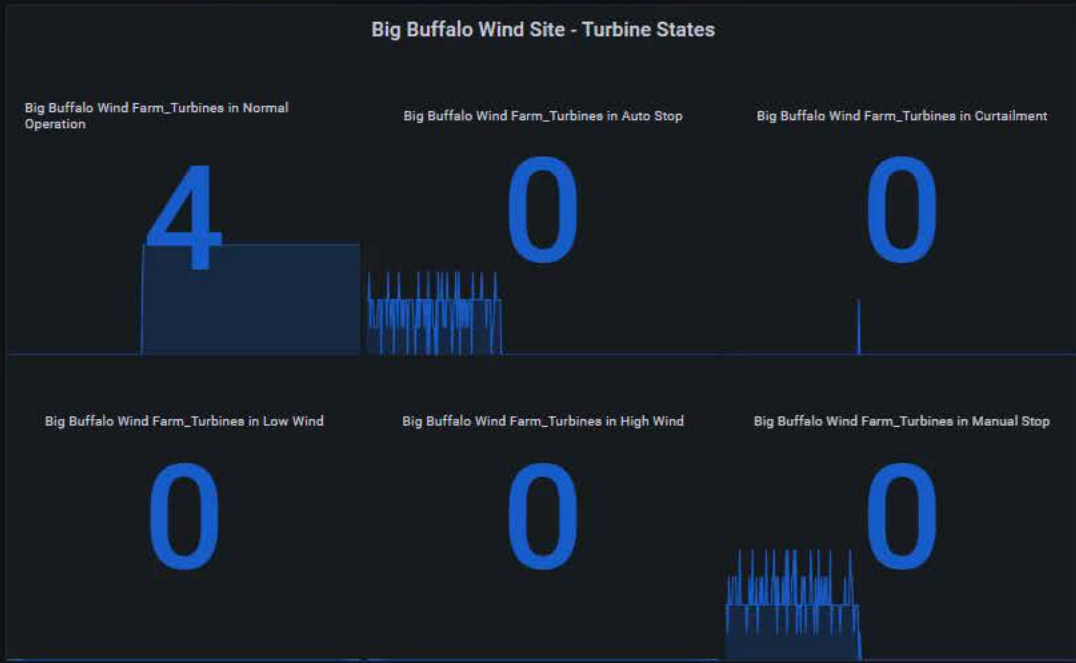
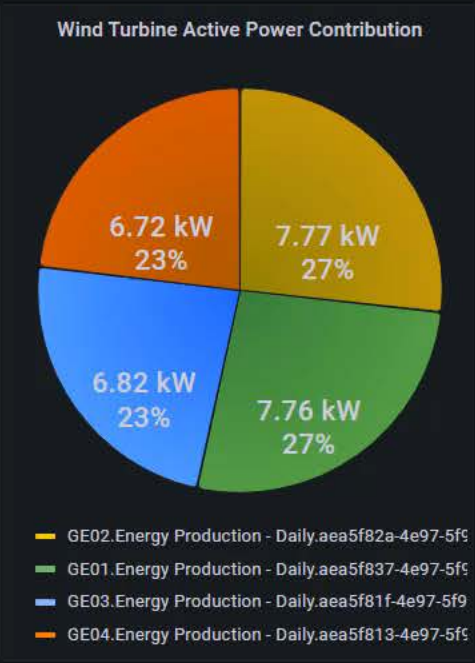
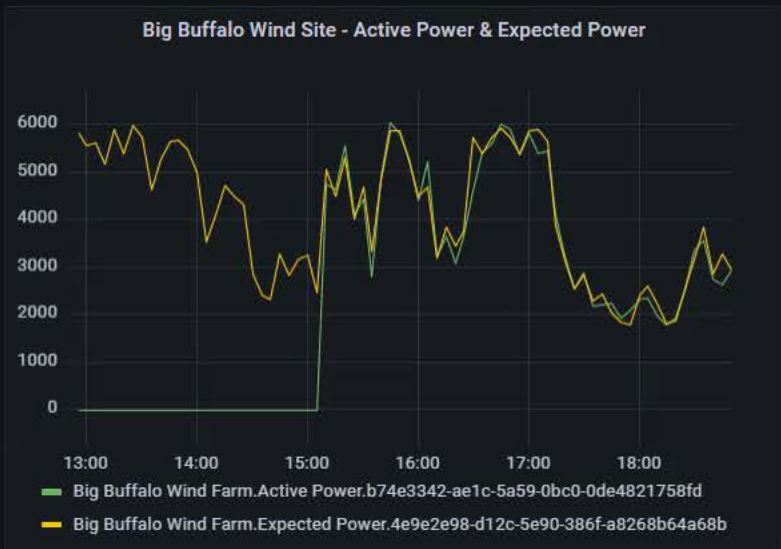
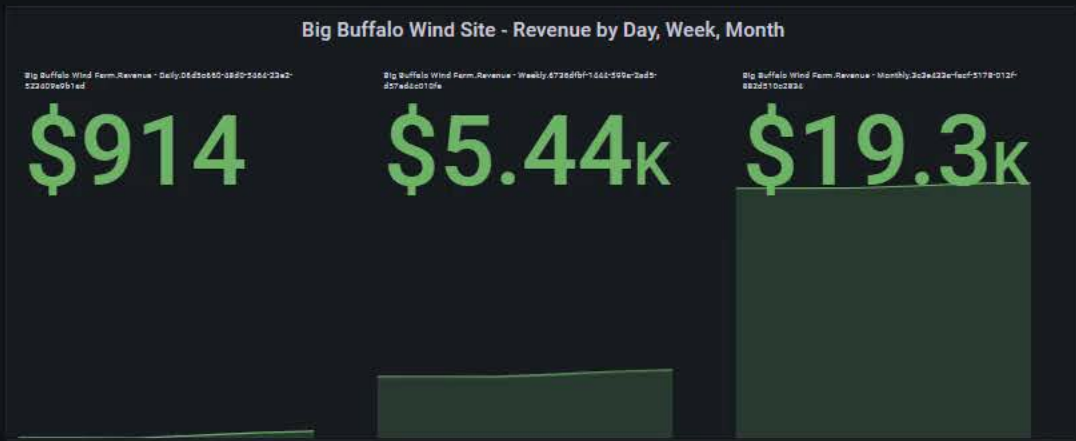
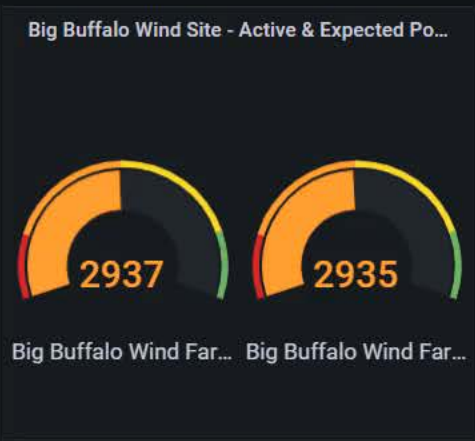
AVEVA DATA HUB

Demo

Connected Community

AVEVA

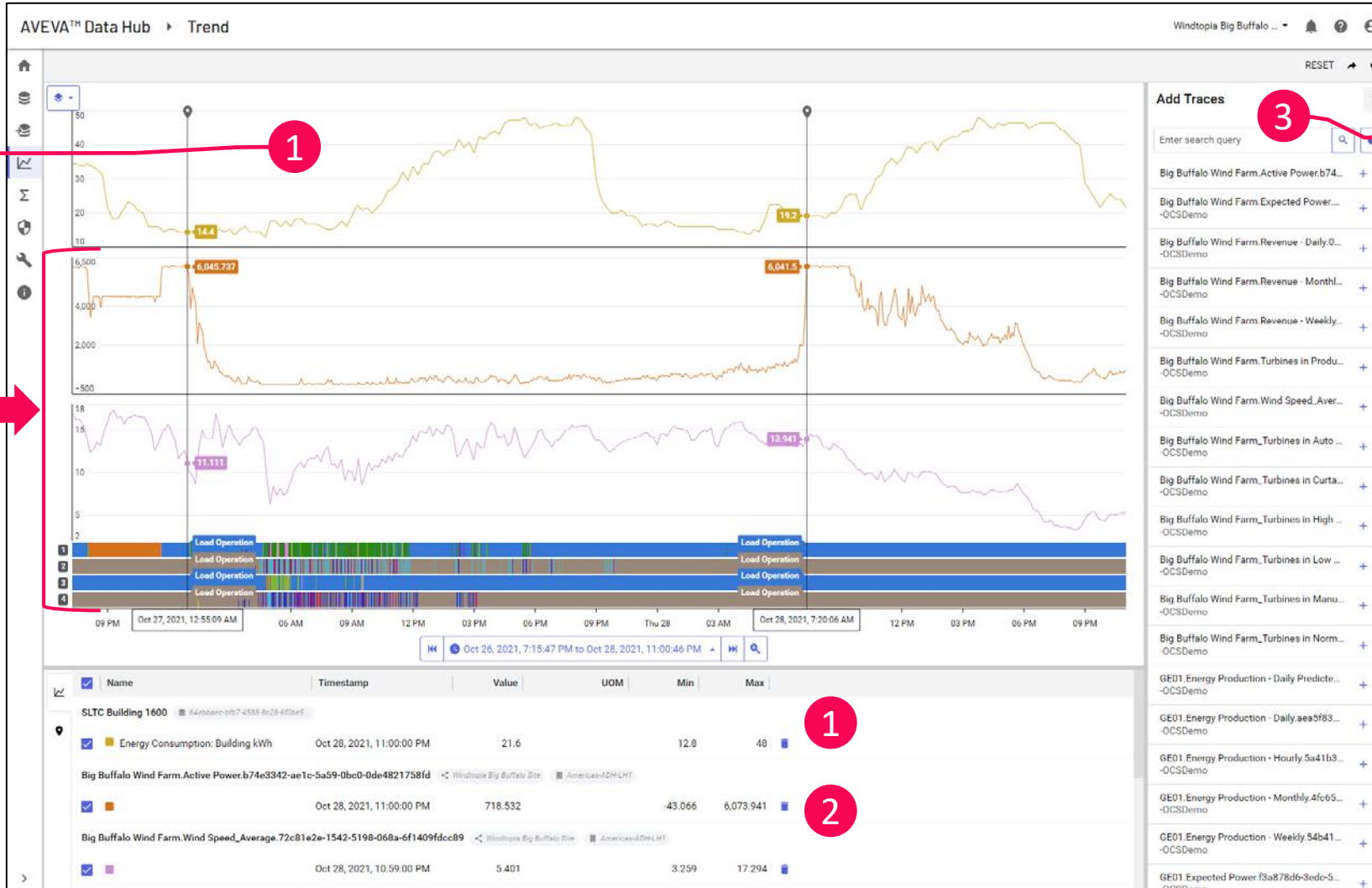
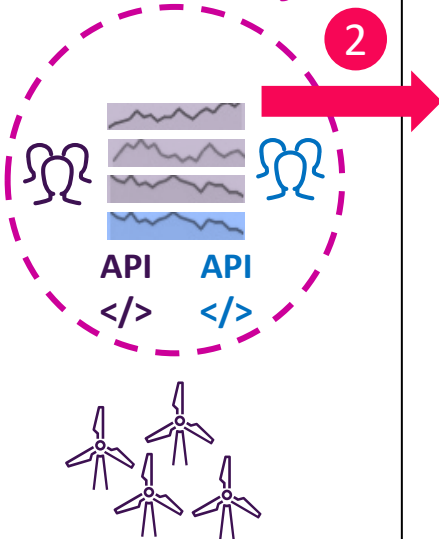
Big Buffalo Wind Site Overview (data shared via AVEVA Data Hub Community)



Trend community shared operational data across tenants

- Stream from my Tenant & Namespace

Windtopia Big Buffalo Site Community



- More data available from Windtopia Big Buffalo Site Community (different tenant)



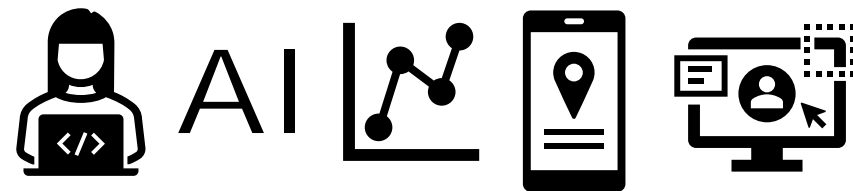
Leverage AVEVA Data Hub API to access to shared data

3rd party tools & Custom applications

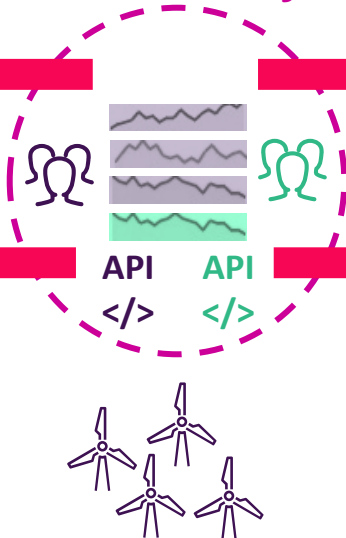
Spreadsheets

	A	B
1	Timestamp	Temperature
2	3/1/2022 12:00:00	79
3	3/1/2022 12:01:00	65
4	3/1/2022 12:02:00	92
5	3/1/2022 12:03:00	81
6	3/1/2022 12:04:00	86
7	3/1/2022 12:05:00	88
8	3/1/2022 12:06:00	77
9	3/1/2022 12:07:00	92
10	3/1/2022 12:08:00	80
11	3/1/2022 12:09:00	49
12	3/1/2022 12:10:00	69
13	3/1/2022 12:11:00	44
14	3/1/2022 12:12:00	73

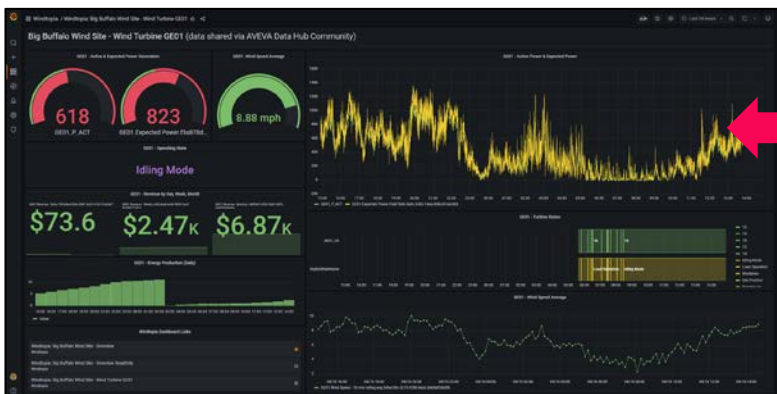
Custom Applications



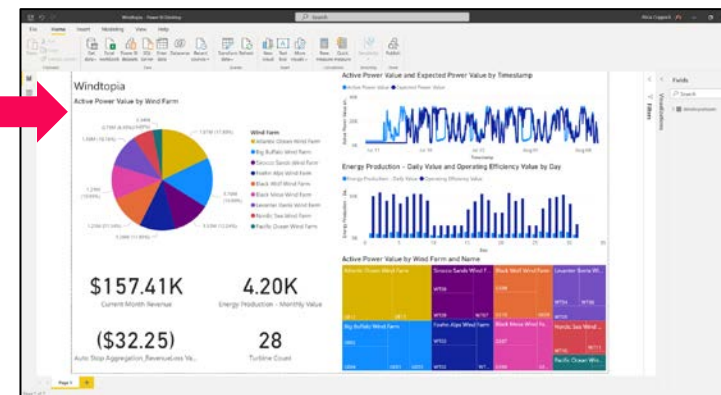
Windtopia Big Buffalo Site
Community



Grafana



PowerBI



Get data from a community shared stream between a start time and end time

URI Path GET `https://uswe.datahub.connect.aveva.com/api/v1-preview/tenants/<TenantID>/namespaces/<NamespaceID>/streams/<StreamID>/data?startIndex=3/1/2022&endIndex=4/1/2022`
Headers: {community-id, <CommunityID>}

AVEVA DATA HUB

Data sharing that puts you in control of your data

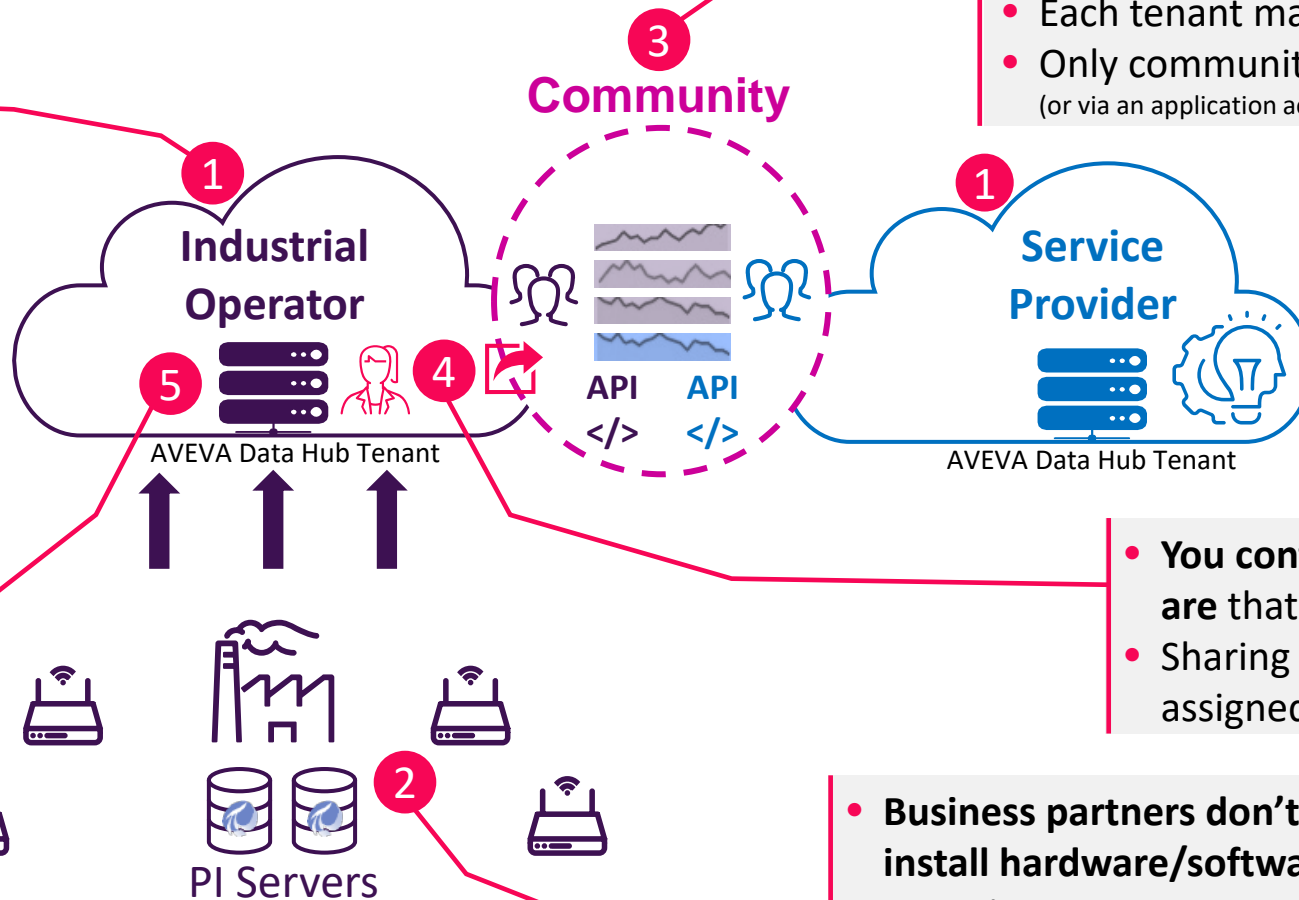
Connected Community

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A more secure way to share operational data

- True multi-tenant system
- **Natural separation of authentication, users, and data**
- Each tenant manages their own authentication & users
- No external users logging directly into your tenant
- Better protection of Intellectual Property (IP)

- Sharing provides *access* to data stored in your tenant
- **Data is not copied outside of your tenant** by AVEVA Data Hub



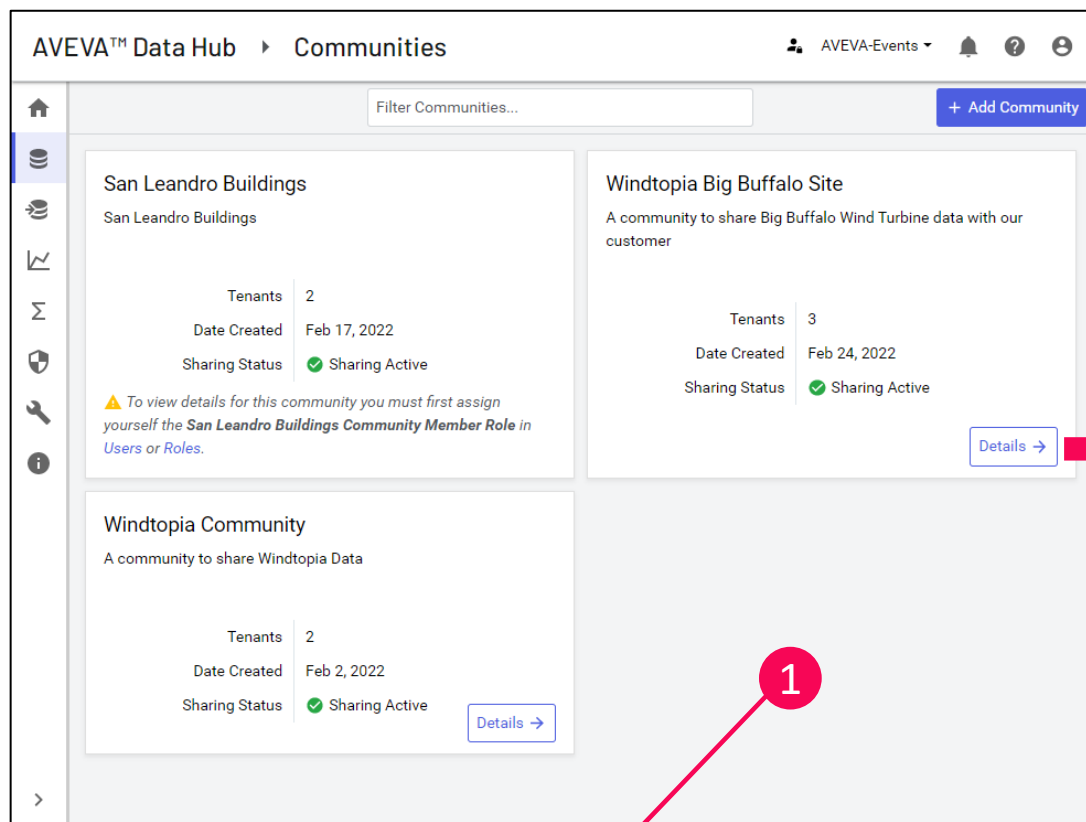
- **3-way handshake for Community formation &** requires tenant admin approval
- Communities are private
- Each tenant manages their community members
- Only community members can read shared data (or via an application accessing data via API)

- **You control who your “data stewards”** are that have resource sharing privileges
- Sharing privilege must be explicitly assigned

- **Business partners don’t need to install hardware/software** within your site to get access to your data

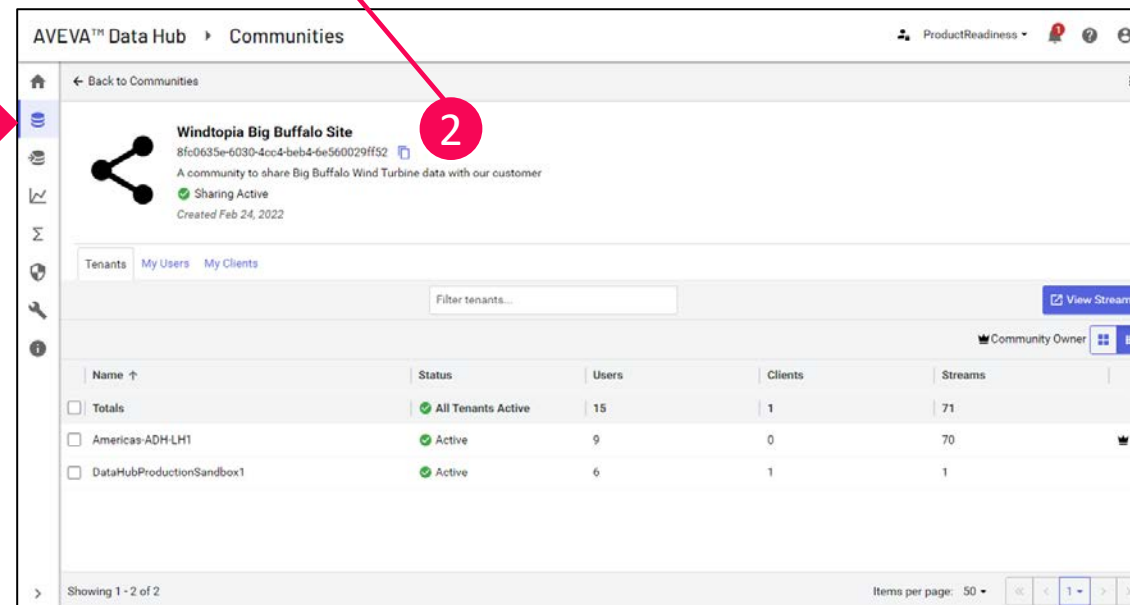
See where you're sharing your data, in one place

All the Communities my tenant is participating in (that I have access to)



- Communities my tenant participates in

- Community details
 - Tenants
 - My Users, # of users for other tenants
 - My Clients for headless application API access, # Clients for other tenants
 - Streams shared by each participating tenant



Data sharing that puts you in control of your data

Sequential Data Store (SDS) Explorer – Sharing stream data into a Community

The image displays two screenshots of the AVEVA Data Hub Sequential Data Store interface. The left screenshot shows a list of streams with checkboxes for selection. The right screenshot shows the 'Share Resources' dialog where a community is selected for sharing.

1 Viewing by Namespace

2 Select streams to share

3 Select the Community to share into. Must be a data steward in order to share data externally (in a role that has share privilege on the resource)

Id	Name	Description	Type
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_142693	Big Buffalo Wind Farm Revenue - Previous We...	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_142694	Big Buffalo Wind Farm Revenue - Previous Mo...	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_142695	Big Buffalo Wind Farm Revenue - Previous Da...	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_142696	Big Buffalo Wind Farm Revenue - Daily 06d5c...	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_142697	Big Buffalo Wind Farm Revenue - Monthly 3c3...	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158603	Big Buffalo Wind Farm EAF MTD a94a379-10...	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158606	Big Buffalo Wind Farm Resource EAF MTD b1...	-OCSDemo PI-Float64
<input checked="" type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158709	Big Buffalo Wind Farm_Turbines in High Wind	-OCSDemo PI-Int16
<input checked="" type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158710	Big Buffalo Wind Farm_Turbines in Low Wind	-OCSDemo PI-Int16
<input checked="" type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158713	Big Buffalo Wind Farm_Turbines in Curtailment	-OCSDemo PI-Int16
<input checked="" type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158716	Big Buffalo Wind Farm_Turbines in Auto Stop	-OCSDemo PI-Int16
<input checked="" type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158719	Big Buffalo Wind Farm_Turbines in Manual St...	-OCSDemo PI-Int16
<input checked="" type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158763	Big Buffalo Wind Farm_Turbines in Normal Op...	-OCSDemo PI-Int16
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158860	Big Buffalo Wind Farm GE01 Production Delta	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158861	Big Buffalo Wind Farm GE02 Production Delta	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158862	Big Buffalo Wind Farm GE03 Production Delta	-OCSDemo PI-Float64
<input type="checkbox"/>	PI_dfpiserverprd.osisoft_ext_158863	Big Buffalo Wind Farm GE04 Production Delta	-OCSDemo PI-Float64

Id	Name	Description
PI_dfpiserverprd.osisoft_ext_158709	Big Buffalo Wind Farm_Turbines in High Wind	-OCSDemo
PI_dfpiserverprd.osisoft_ext_158710	Big Buffalo Wind Farm_Turbines in Low Wind	-OCSDemo
PI_dfpiserverprd.osisoft_ext_158713	Big Buffalo Wind Farm_Turbines in Curtailment	-OCSDemo
PI_dfpiserverprd.osisoft_ext_158716	Big Buffalo Wind Farm_Turbines in Auto Stop	-OCSDemo
PI_dfpiserverprd.osisoft_ext_158719	Big Buffalo Wind Farm_Turbines in Manual Stop	-OCSDemo
PI_dfpiserverprd.osisoft_ext_158763	Big Buffalo Wind Farm_Turbines in Normal Operation	-OCSDemo

Data sharing that puts you in control of your data

Sequential Data Store (SDS) Explorer – Viewing data by Namespace

The screenshot displays the AVEVA Data Hub interface for the Sequential Data Store. The main area shows a table of streams with columns for Id, Name, Description, and Type. The stream 'PI_loakpi-sltc01_1' is selected. On the right, a sharing panel for 'SINUSOID' is open, showing it is shared to 'SpoonTest' and 'Windtopia Community'. Red callouts with numbers 1 through 4 point to specific UI elements: 1 points to the top right navigation area, 2 points to the community filter sidebar, 3 points to the stream table, and 4 points to the sharing panel.

Id	Name	Description	Type
<input type="checkbox"/>	PI_server02_25	1500 Alvarado st	PI-Float32
<input type="checkbox"/>	PI_server03_25	1500 Alvarado st	PI-Float64
<input type="checkbox"/>	PI_server03_26	1510 Alvarado st	PI-Float64
<input type="checkbox"/>	PI_server03_27	1520 Alvarado st	PI-Float64
<input type="checkbox"/>	PI_server03_28	1530 Alvarado st	PI-Float64
<input checked="" type="checkbox"/>	PI_loakpi-sltc01_1	12 Hour Sine Wave	PI-Float32
<input type="checkbox"/>	PI_loakpi-sltc01_19276	UFL.15MDeliveredKw	PI-Float64

Showing 1 - 7 of 7 Items per page: 100

• Viewing by Namespace

• Select all communities in the namespace

• What specific Communities is this stream shared to?

• What are all the streams I'm sharing from this Namespace?

Data sharing that puts you in control of your data

Sequential Data Store (SDS) Explorer – Viewing data by Community

The screenshot shows the AVEVA Data Hub Sequential Data Store interface. The main area displays a table of streams with columns for Id, Name, Description, Type, Tenant, and Namespace. The selected stream is 'UFL.15MDeliveredKw'. The right-hand panel shows the 'Sharing' tab for this stream, listing the communities it is shared to: 'San Leandro Buildings' and 'Windtopia Big Buffalo Site'. Red callouts are placed over the interface:

- 1**: Points to the 'Windtopia Big Buffalo' dropdown menu at the top right.
- 2**: Points to the 'Namespace' column in the stream list.
- 3**: Points to the 'ProductReadiness' value in the selected stream's details.
- 4**: Points to the 'Shared To' section in the details panel.

• Viewing by Community

• Where else is this stream shared to?

• What data is shared with me and who is sharing it?

• What data am I sharing into this Community?

Data sharing that puts you in control of your data

Pausing access to your data in a Community

AVEVA™ Data Hub > Communities

Windtopia Big Buffalo Site
8fc0635e-6030-4cc4-beb4-6e560029ff52
A community to share Big Buffalo Wind Turbine data with our customer
1 Tenant Paused
Created Feb 24, 2022

Tenants My Users My Clients

Filter tenants... + Invite Tenant

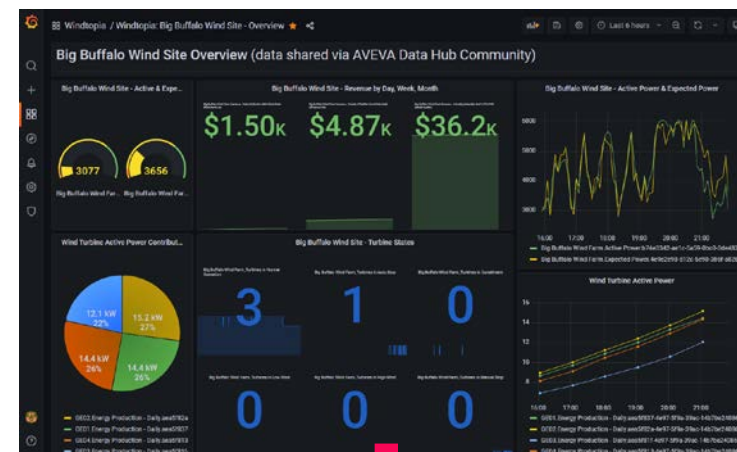
Name ↑	Status	Users	Clients	Streams
Totals	1 Tenant Paused	26	2	71
Americas-ADH-LH1	Paused	9	0	70
DataHubProductionSandbox1	Active	7	2	1
AVEVA	Active	10	0	0

Showing 1 - 3 of 3 Items per page: 50

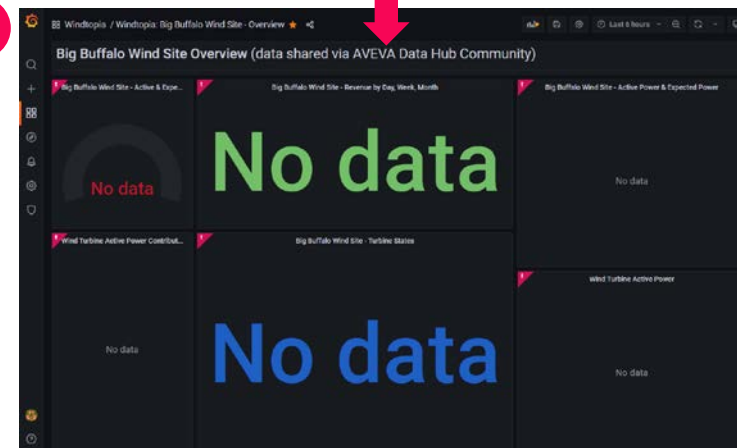
• Shared data is no longer accessible to other tenants in the community

1

• Tenant *Americas-ADH-LH1* has PAUSED access to their 70 shared streams



2



AVEVA Data Hub: Data sharing that puts you in control of your data

True multi-tenant system



- ✓ Natural separation of authentication, users, and data
- ✓ Each tenant manages their own authentication & users
- ✓ Business partners don't need to install hardware/software within your site to get access to your data

Community formation



- ✓ 3-way handshake for Community formation & requires admin approval
- ✓ Communities are private
- ✓ Each tenant manages their community members
- ✓ Only community members can read shared data
- ✓ Email notifications to all members when another tenant joins a community you participate in

Sharing data



- ✓ Share / Un-share data – each tenant has control of what specific data they share
- ✓ Sharing privileges explicitly assigned to your “data stewards”
- ✓ Sharing is providing *external access*, not copying data outside your tenant
- ✓ Pause / Un-pause data sharing
- ✓ View community consumption to see if your business partners are accessing data
- ✓ View what data is shared to which external partners

Business relationship ends



- ✓ Tenants can leave a community, removing data access
- ✓ Administering tenant of the community can Delete the entire community, removing data access

AVEVA DATA HUB

Customer success stories

AVEVA



+

*Esperance Zone Innovations
(EZI) Growers Group*

Enabling data collaboration across farms, grower's groups, and agricultural value chains

Challenges

- **Improve crop rotation planning** (spray applications, identifying resistance issues, yield performance, soil testing) by sharing historical farm records with soil, weather, and yield data within a grower's group.
- **Issues around data ownership**, possession and control are significant barriers to adoption;
- **No easy way to collaborate and share data**

Solution

- All farm data is ingested and stored within AVEVA Data Hub;
- Data ownership, possession and control are maintained at an individual farm or business level;
- Visualisation and analysis of data across all data sets from a single or multiple farms;
- **Leverage AVEVA Data Hub Community features to securely share farm data with other farms participating in grower's groups, or supply chains.**

Results

- Ability to improve crop rotation planning across entire grower's groups **increasing yield and productivity** for all participating farms.
- **Cost savings in spray applications.**
- **Improved animal welfare sustainability practices**
- **Increased collaboration** within the agricultural industry and across farms.



AVEVA

AxisTech @ AVEVA PI World 2021 Digital

Making agricultural data fair and FAIR – Wes Lawrence

AVEVA PI World
DIGITAL

Digital Insights for Industrial Innovation

Solution: adding value to the value chain

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Industry Impact: Belinda Lay – Coolindown Farms

Industry Impact: Jordan Wall- Stone Axe Pastoral



<https://resources.osisoft.com/presentations/making-agricultural-data-fair-and-fair/>

Consistent data shared inside an ecosystem using AVEVA Data Hub

Challenges

- Access power asset data securely from multiple independent power producers while maintaining data privacy.
- Provide utility operators with **real-time data for key metrics** and analysts with large historical interpolated datasets.

Solution

- Cloud-based data sharing enabled by **AVEVA Data Hub** supplements existing AVEVA PI Systems used by ecosystem companies.
- “Single source of truth” data hub provides **consistent data** to asset owners, schedulers, business analysts and power purchasers.

Results

- Simplified, web-based data sharing for multiple users via one data solution.
- Data transparency between community members enables **auditing and fosters collaboration and trust**.
- Timely operation decisions can be made to maximise economic value of assets.



Lighthouse Project



AVEVA DATA HUB

Commercial Approach & Roadmap

AVEVA

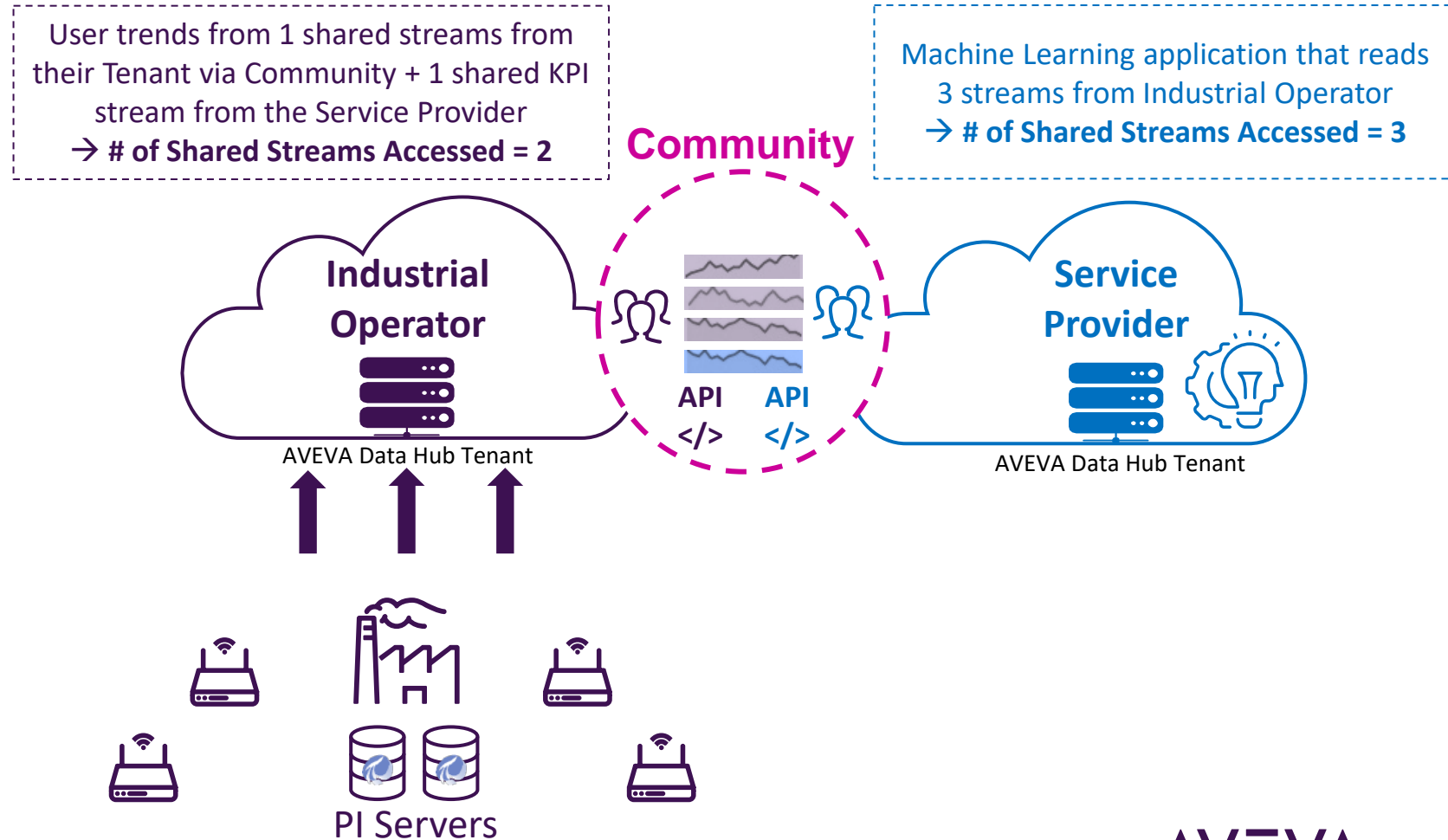
What is the commercial approach for AVEVA Data Hub Connected Community?

- **AVEVA Data Hub consumption metrics:**

- *# of streams stored (in tenant)*
- *# of streams accessed (in tenant)*
- *# of shared streams accessed (via Community)*

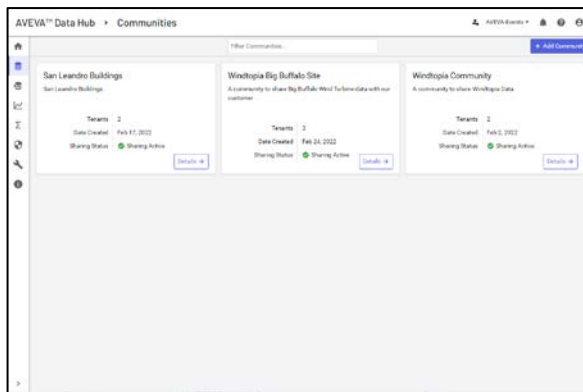
- Account management & setup is integrated with AVEVA Connect cloud platform

- Each tenant pays for their own consumption via AVEVA Connect flex-credits
- We plan on having a rate plan targeted towards customers that just need read access to Community shared data



Where are we today for AVEVA Data Hub Connected Community?

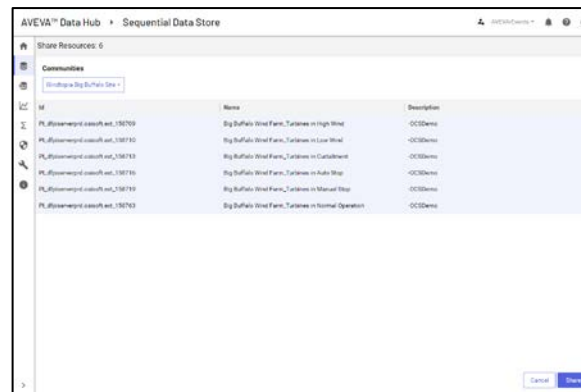
Community management



Ability to form a community, invite other Data Hub tenants to join, and manage users

IN PREVIEW / LIGHTHOUSE

Stream data sharing



Ability to share streams into a community & access the data via REST API

IN PREVIEW / LIGHTHOUSE

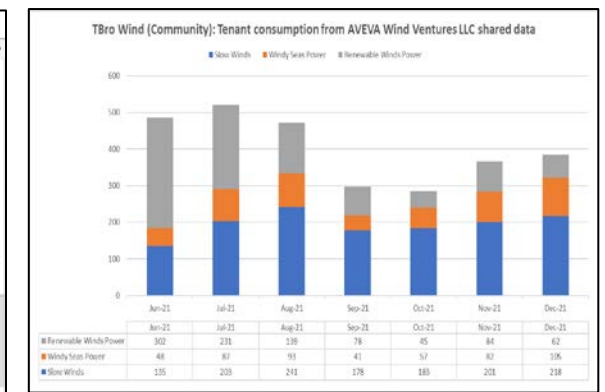
Trend shared data



Trend community shared data alongside data stored in your Data Hub tenant

IN PREVIEW / LIGHTHOUSE

Usage reporting



Report on community consumption for billing

IN DEVELOPMENT

What's next for AVEVA Data Hub?

In development

Collecting feedback

Seamless infrastructure

Community Data Sharing (Streams)

Cross-tenant data sharing of streams with business partners, service providers, and analytics providers

PI to AVEVA Data Hub enhancements

Added support to edit an existing transfer; Replication of data changes in PI Server to AVEVA Data Hub

Support in new regions

Data can now be stored in East Australia

Manageable software

Remote Software Management

Manage configuration and monitor the health of PI Adapters and EDS with AVEVA Data Hub

Increased value and scope

Manageable software

AF in PI to AVEVA Data Hub

Leverage existing AF context by transferring AF representation to AVEVA Data Hub Assets.

Data Views from shared data

Create a curated data view from Community shared streams.

OCS to AVEVA Data Hub migration

Support for migration from existing OCS tenants to AVEVA Data Hub tenants

Increased value and scope

Manageable software

Community Data Sharing (Assets)

Cross-tenant data sharing of asset information.

PI System data transfers across tenants

Cross-tenant data transfers of PI Point data and AF asset data

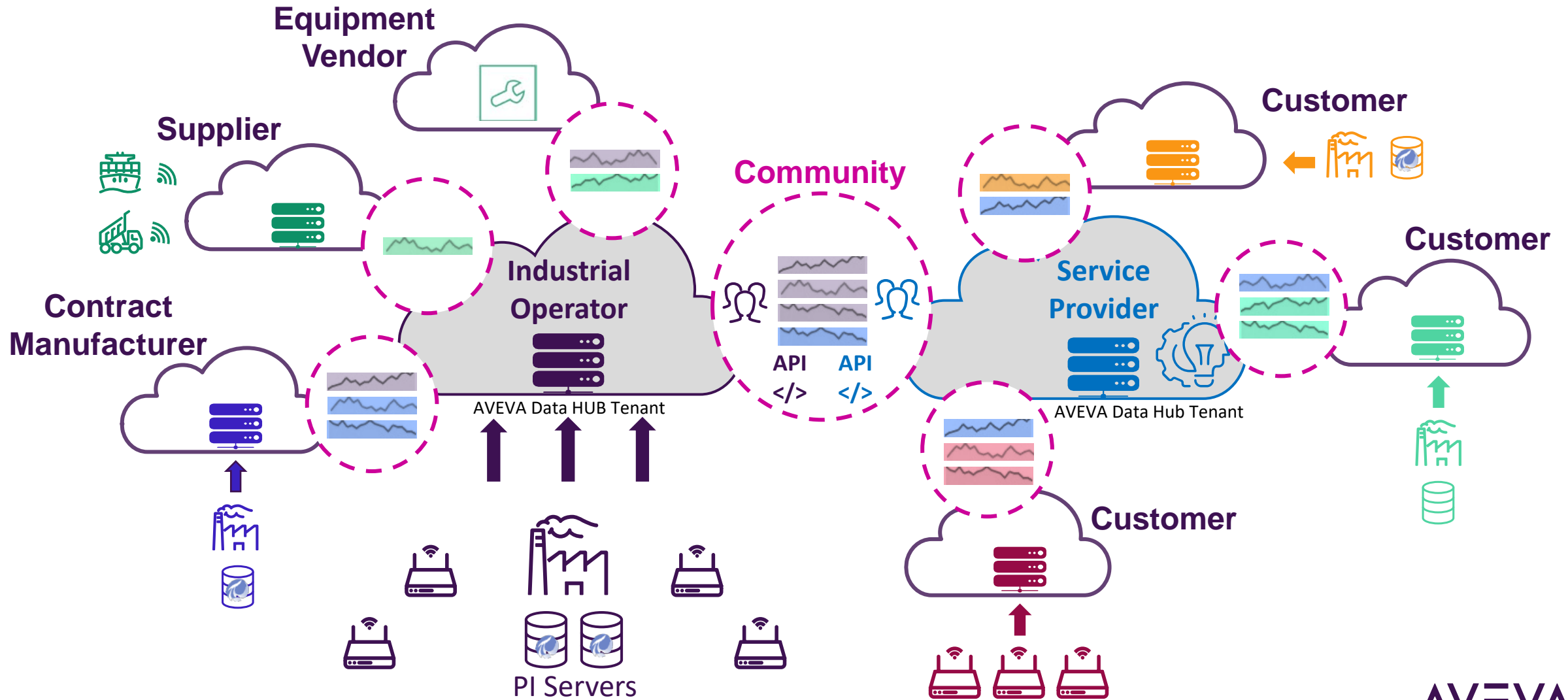
PI to AVEVA Data Hub multiple transfers

Enable multiple transfers for sending data to AVEVA Data Hub

Wrap up



Connected Community: Powering your industrial ecosystem





AVEVA Lighthouse Program

Join us in a Lighthouse Project to prove & shape the value of new technology for your business scenarios!

- **AVEVA provides:**

- AVEVA pre-released software
- Installation & configuration support
- Technical R&D support
- Program management

- **Participating customer provides:**

- Viable scenario
- Resources to use AVEVA pre-released software for your scenario
- Product feedback on use of software for scenario
- Willingness to document a success story and participate in a future AVEVA public presentation

Email us at lighthouse@aveva.com to engage with our team!

AVEVA

Learn more about AVEVA Connect & AVEVA Data Hub

AVEVA Data Hub @ AVEVA PI World 2022 – Amsterdam

• Day 1: Cloud Data Platform Track

- AVEVA: AVEVA Connect vision & roadmap [14:00]
- AVEVA: Increasing the value of your existing data through innovation with AVEVA Data Hub [14:40]
- AVEVA: Tapping into data for your industrial ecosystem on AVEVA Data Hub [15:40]
- AVEVA: Four Pillars of a Trusted Information Infrastructure [16:20]
- AVEVA: Lighten your load: How to accelerate time to value and streamline technology upkeep through SaaS [17:00]

• Day 2: Customer Presentations

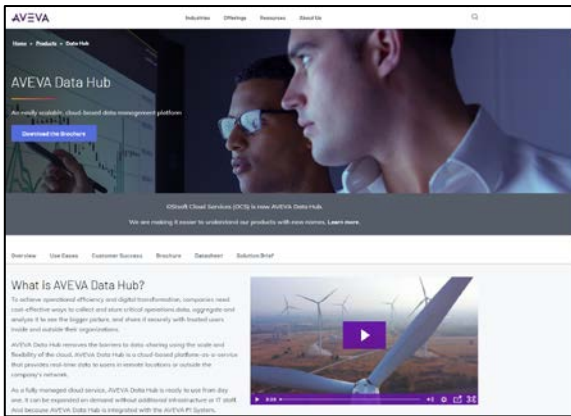
- HENN: OSIsoft Cloud Services in discrete manufacturing / value chain approach [8:40]
- EDP Renewables: Analyzing Wind Power data in AVEVA Data Hub [9:45]
- Industrial Digital Solutions: Real Time Fleet Analytics with OCS [14:00]
- IMA LIFE: Leveraging the combination of on-prem PI Server and OCS cloud, to feed data analytics and machine learning applications [14:00]
- Enel: Leveraging on AVEVA Edge/Cloud solutions to satisfy Enel's new data needs [16:00]

• Day 3: AVEVA Product Deep Dives

- AVEVA: Customer Administration Best Practices for AVEVA Connect [10:00]
- AVEVA: Securely share data with your trusted business partners & customers using AVEVA Data Hub connected community [11:15] [[this talk](#)]
- AVEVA: **The Data Value Chain: From Edge to Impact** [13:30] [[highly recommended](#)]
- AVEVA: Data Collection On-premises and at the Industrial Edge [13:30]

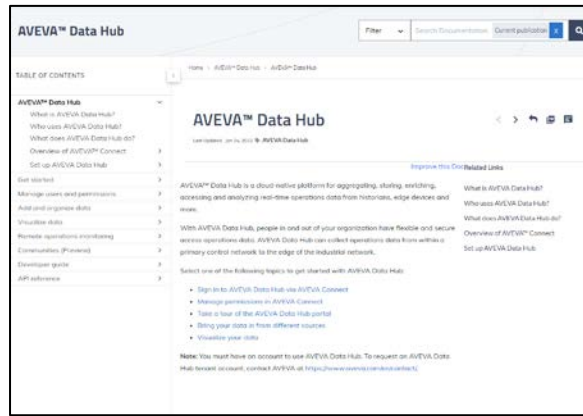
Where to find more information on AVEVA Data Hub

Overview & Resources



<https://www.aveva.com/en/products/data-hub/>

Documentation



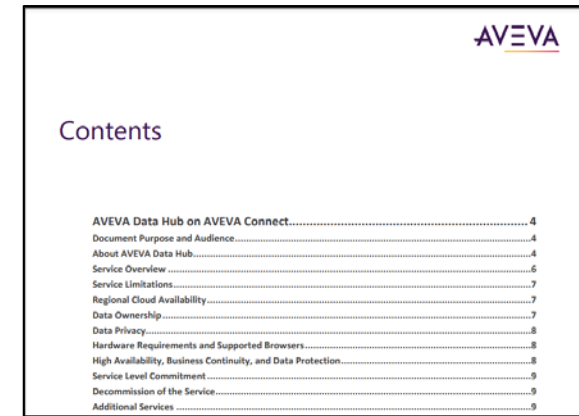
<https://docs.osisoft.com/bundle/data-hub/page/adh-content-portal-overview.html>

Security & Trust Center



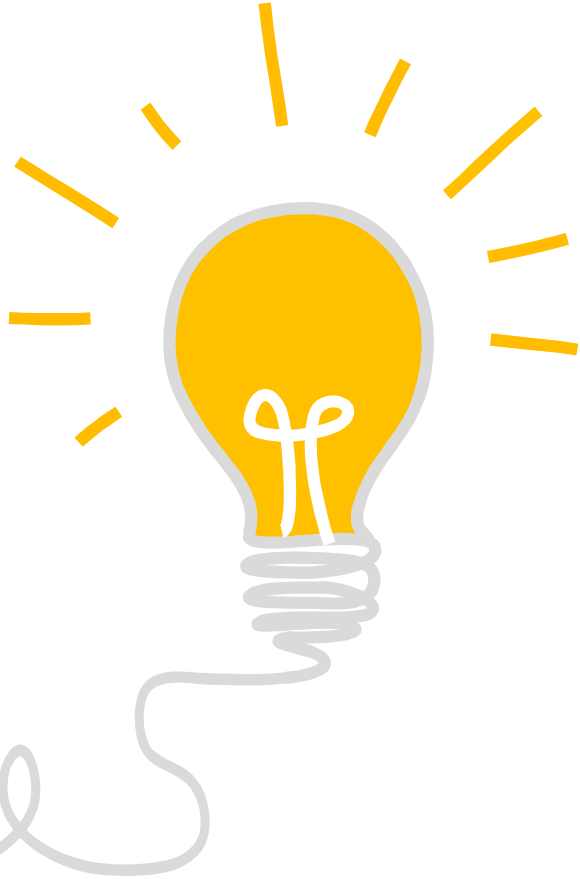
<https://www.aveva.com/en/legal/trust/>

Service Description



https://www.aveva.com/content/dam/aveva/documents/legal/service-documents/AVEVA-Data-Hub-on-AVEVA-Connect_v1-0.pdf

How can you influence the AVEVA Data Hub roadmap?



<https://feedback.osisoft.com>

Let us know your product feedback!



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DZIĘKUJĘ CI
 NGIYABONGA
 TEŞEKKÜR EDERİM
 DANKIE
 TERIMA KASIH
 SPASIBO
 ПАСИБО
 GRAZIE
 МАТУР НУВУН
 ХВАЛА ВАМ
 MULȚUMESC
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 ТАКК SKALDU HA
 RAHMAT
 HATUR NUHUN
 PAXMAT САГА
 CẢM ƠN BẠN
 WAZVIITA
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 MISAOTRA ANAO
 WHAKAWHETAI KOE
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 [@avevagroup](https://twitter.com/avevagroup)

ABOUT AVEVA

AVEVA is a global leader in industrial software, driving digital transformation and sustainability. By connecting the power of information and artificial intelligence with human insight, AVEVA enables teams to use their data to unlock new value. We call this Performance Intelligence. AVEVA's comprehensive portfolio enables more than 20,000 industrial enterprises to engineer smarter, operate better and drive sustainable efficiency. AVEVA supports customers through a trusted ecosystem that includes 5,500 partners and 5,700 certified developers around the world. The company is headquartered in Cambridge, UK, with over 6,500 employees and 90 offices in over 40 countries.

Learn more at www.aveva.com