



AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

CONNECT



MAY 2026

Hybrid System Platform

Harness Industrial Data Anywhere

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Agenda

The CONNECT Hybrid Cloud

Architecture

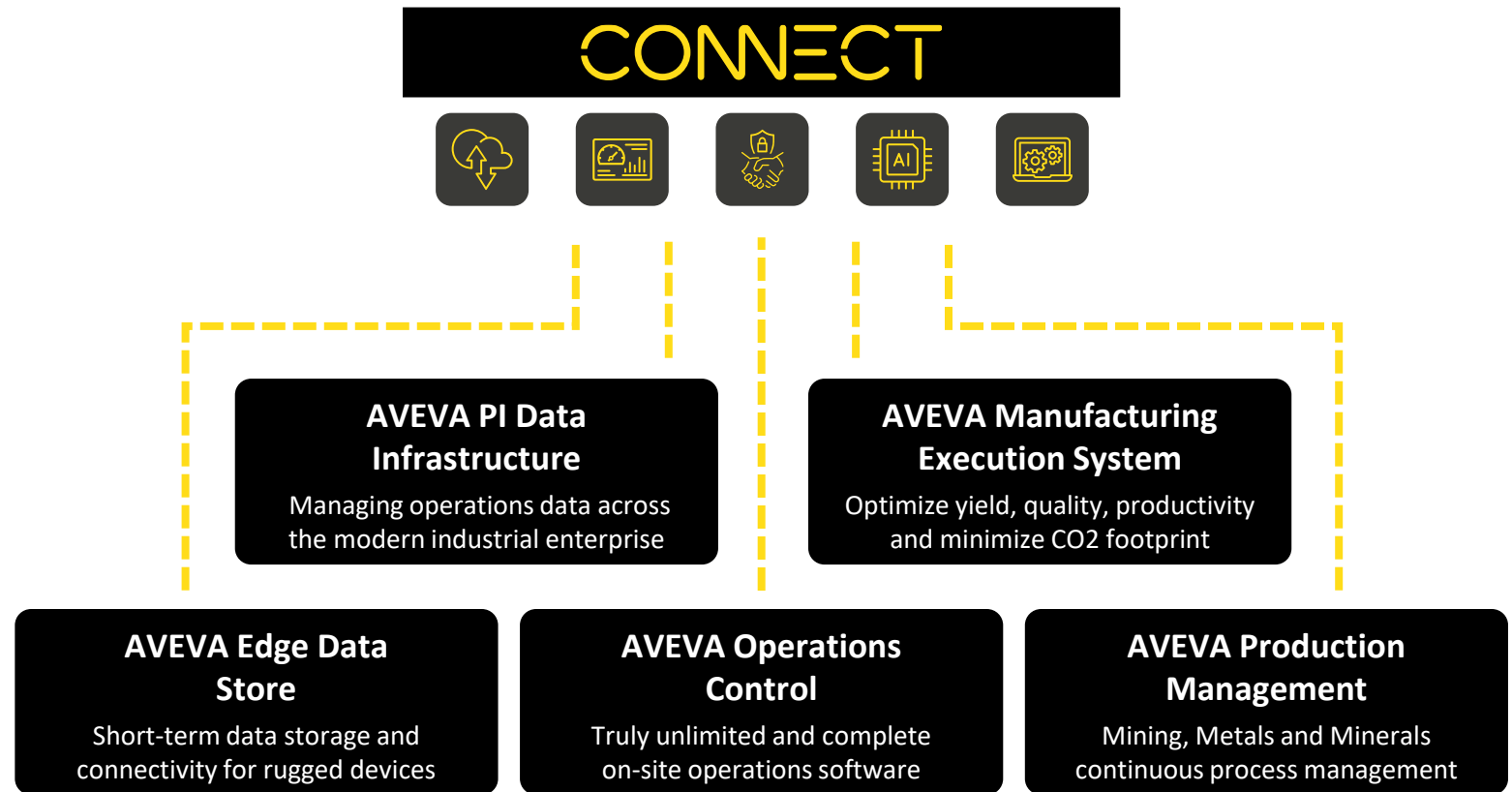
Setting up AVEVA Historian Agent

Import Industrial Graphics

The CONNECT Hybrid Cloud

Hybrid integrations leveraging CONNECT

- Out-of-the-box integrated
 - Trusted data-centric architecture
-
- Included as part of the Flex subscription program
 - Benefit from additional CONNECT-enabled enhancements
 - On-site users can be linked to CONNECT account



Hybrid System Platform

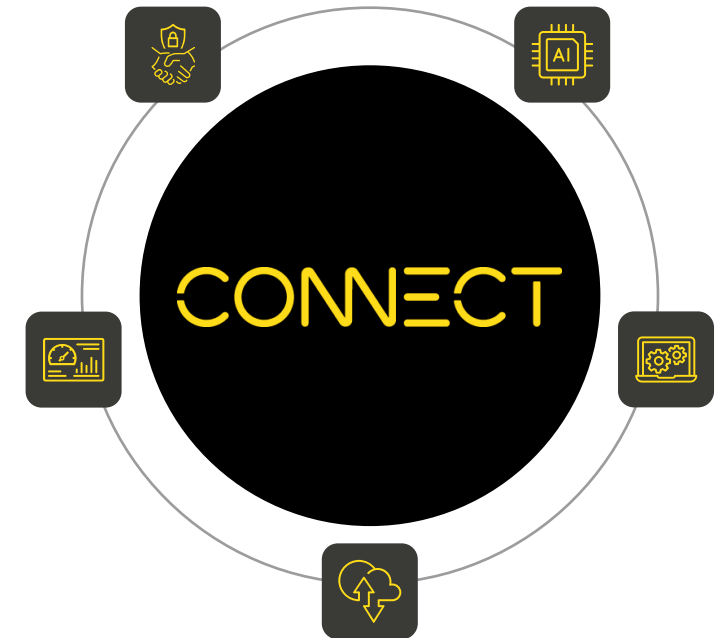
Two hybrid opportunities

AVEVA Historian Agent syncs real-time data and asset model to the cloud

- Subscribes to the tags of the on-premise Historian, then seamlessly publishes the data to CONNECT
- Publishes model view to entities to contextualize tag information
- Setup is quick and code-free
- Sends health and diagnostics data to CONNECT

Industrial Graphics Import into CONNECT for use in Visualizations and Experiences

- Configure once, reuse everywhere
- Drop-in reuse with configurable symbols
- Allows for rich customization of CONNECT graphics
- Scripting allows for computing, mapping, formatting, and complex behavior



Architecture



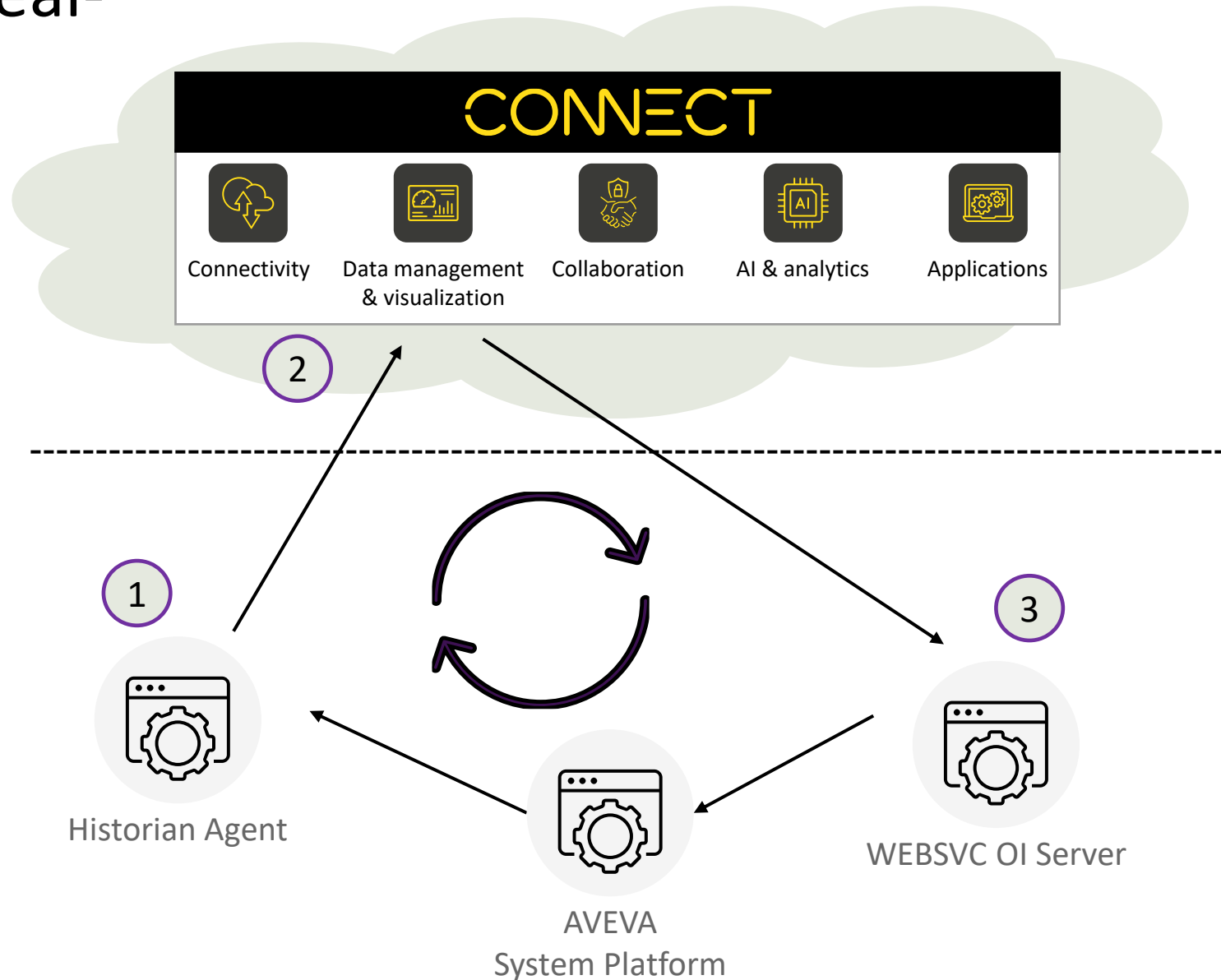
Hybrid Architecture For Real-Time Data

Historian Agent

- Real-time replication and ability to backfill
- Supports Historian 2020 R2 and newer
- Uses store and forward capability

WEBSVC OI Server

- WEBSVC OI server can retrieve stream data and store in tags
- Insights from cloud calculations or analytics to on-prem



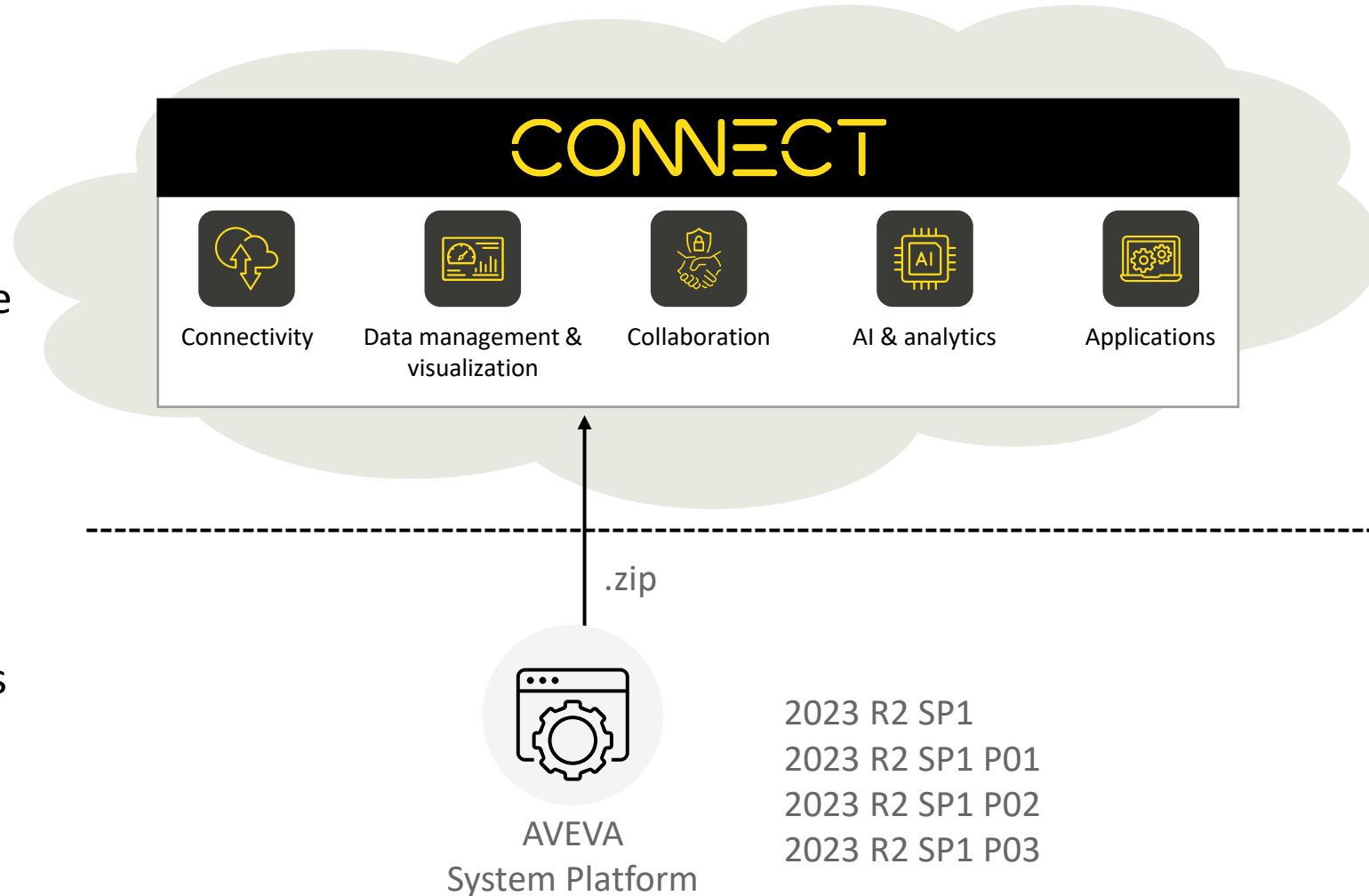
Hybrid Architecture For Industrial Graphics Import

Export

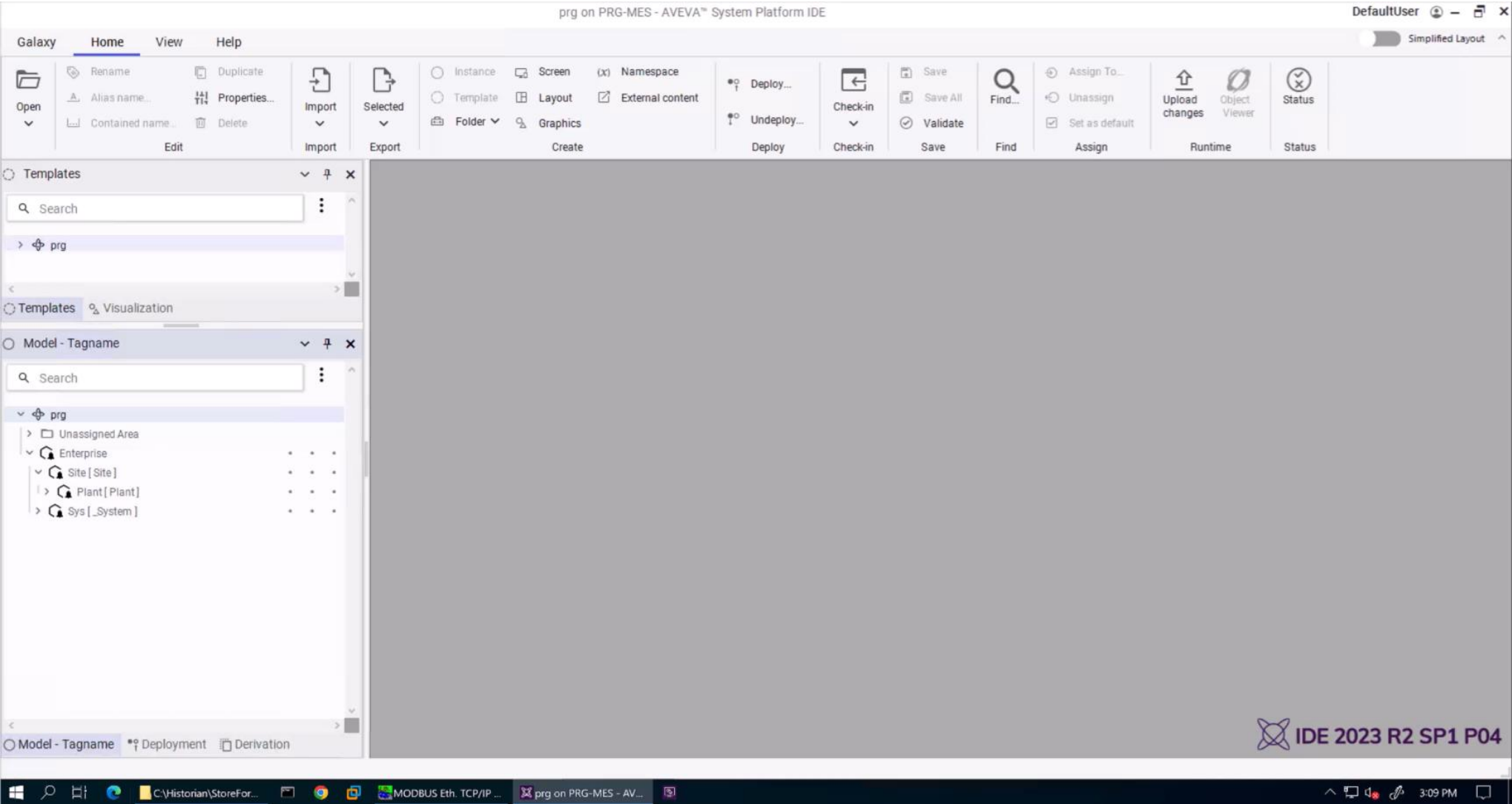
- Create new graphics or modify existing graphics to fit CONNECT requirements
- Export as Portable Object with Portable Graphics Exporter extension
- Download CONNECT Style Library

Import

- Import Graphics into CONNECT for use for all in Visualizations and Experiences
- Imported graphic must pass security checks
- Link graphics to real-time data in the cloud synced from on-prem



Historian Agent Set-up



Streams and Entities in the Knowledge Graph

CONNECT

Home

Applications

Browse

Create

Data management

Data connections

Data stores

Data modeling

Administration

Access

Account

Configure

Developer tools

Marketplace

Entities: Production

Change instance

Go to Data store page

Production

Copy ID

List

Hierarchy

Search entities

Build query

Clear query

Agitator

PRG-MES.Enterprise.Site.Plant.Production.Line1.I

Agitator

PRG-MES.Enterprise.Site.Plant.Production.Line2.I

Inlet1

PRG-MES.Enterprise.Site.Plant.Production.Line1.I

Inlet1

PRG-MES.Enterprise.Site.Plant.Production.Line2.I

Inlet2

PRG-MES.Enterprise.Site.Plant.Production.Line1.I

Inlet2

PRG-MES.Enterprise.Site.Plant.Production.Line2.I

L1

PRG-MES.Enterprise.Site.Plant.Production.L1

Level

PRG-MES.Enterprise.Site.Plant.Production.Line1.I

Level

PRG-MES.Enterprise.Site.Plant.Production.Line2.I

Line1

PRG-MES.Enterprise.Site.Plant.Production.Line1

Line2

PRG-MES.Enterprise.Site.Plant.Production.Line2

Mixer100

PRG-MES.Enterprise.Site.Plant.Production.Line1.I

19 results

Production

ASSET

2

SystemPlatform.Area

Production

Details

1

2

0

Entity relationships

by type

Multi-typed entities will appear in more than one group.

Show all

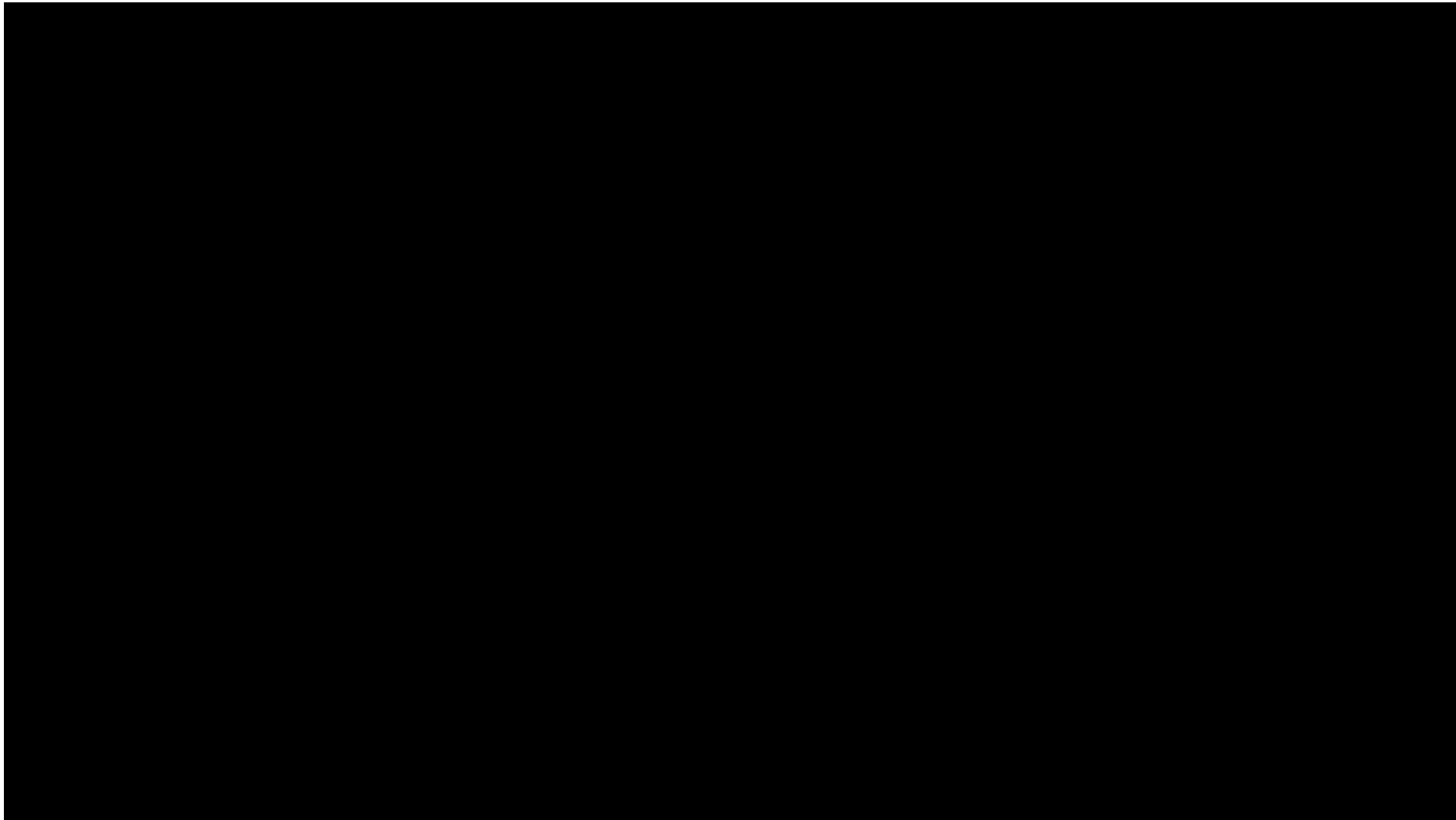
SystemPlatform.Area (2)

11



Industrial Graphics Import

Exporting/Importing Industrial Graphics



Other Sessions

Entities: Giving Your Data Meaning in CONNECT

See how CONNECT Entities can help organize and contextualize your industrial data for better visibility and understanding.

Day 2, May 20 @ 12:30 pm

CONNECT Lounge

Hybrid Heroes: Modernizing and Unlocking Operational Agility with the Cloud

More information on Hybrid System Platform Including Roadmap

Day 3, May 21 @ 9:00 am

Brown 1 - Level 2

Visualizing Data with CONNECT: Industrial Awareness at Scale

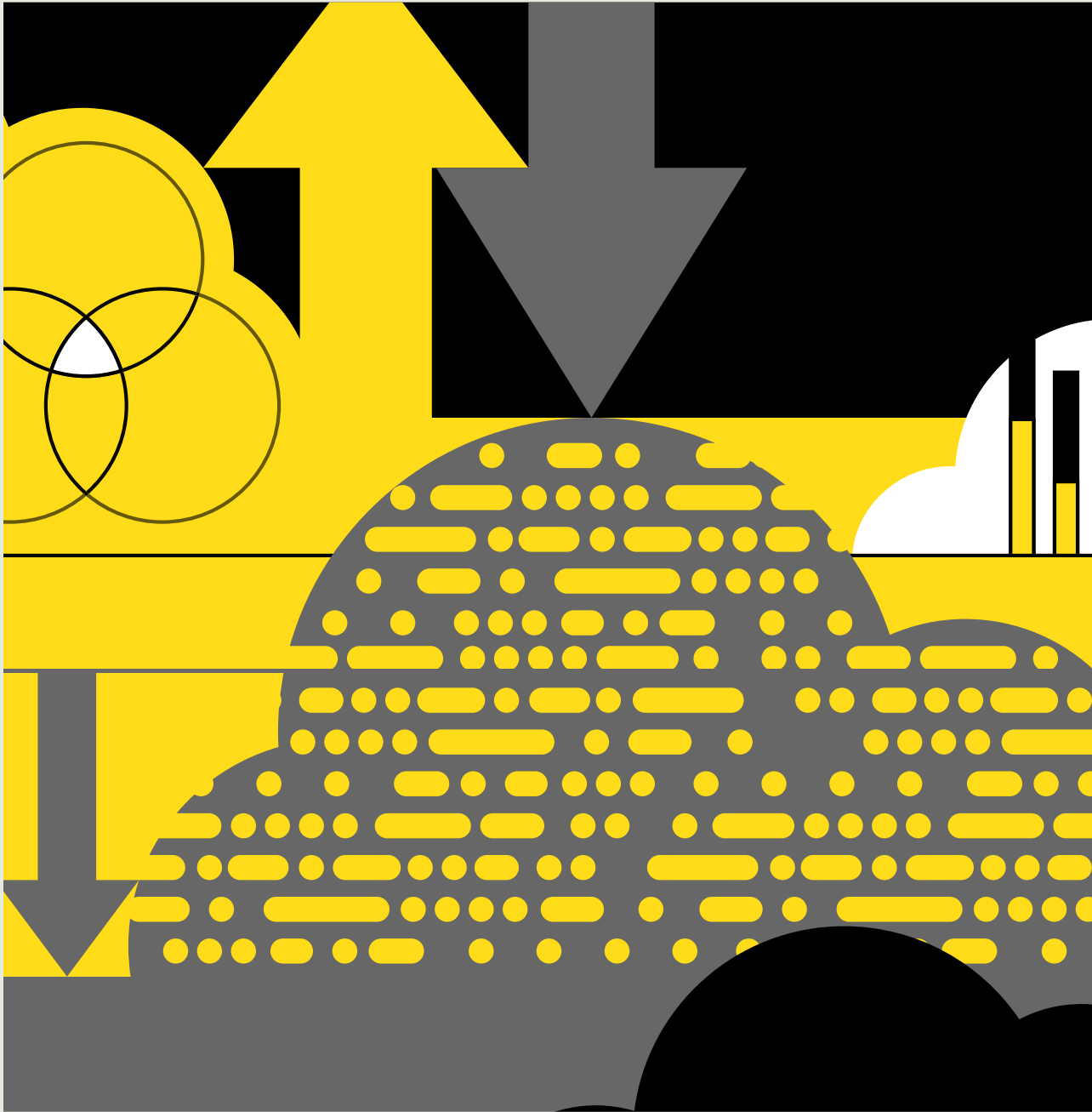
Dive deeper into CONNECT Visualization

Day 2, May 20 @ 5:00 pm

Amber 2 - Level 2

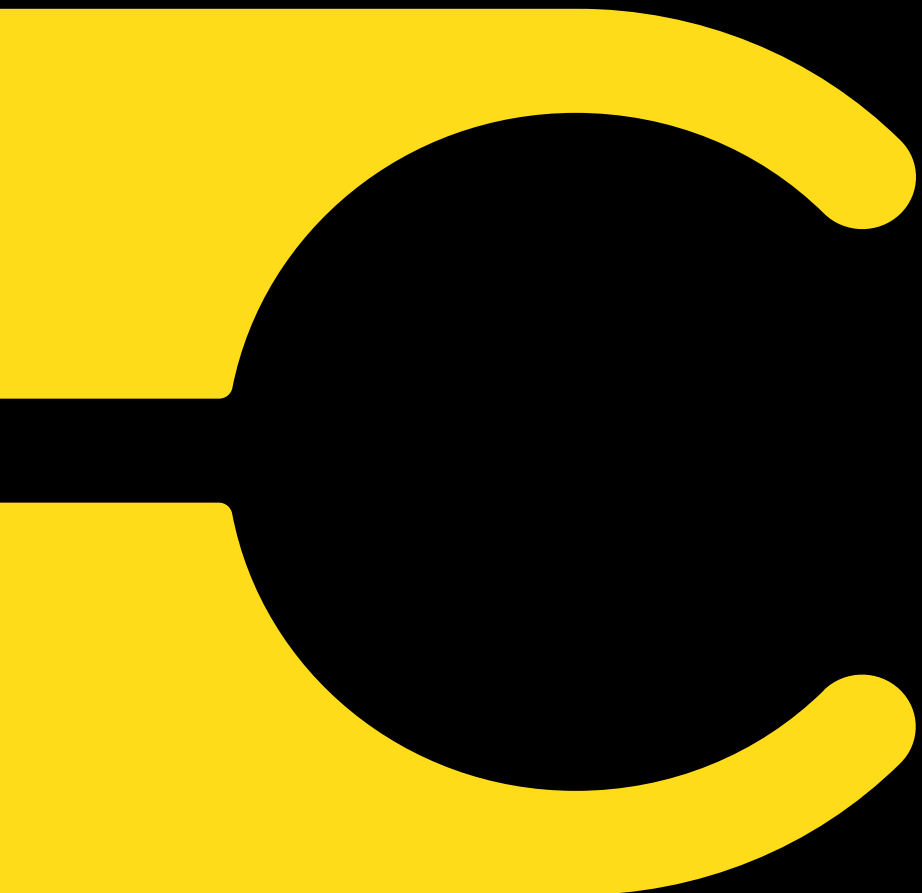


Thank you



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