

The background of the image is a deep purple with a network of glowing, intersecting diagonal lines in shades of cyan and magenta, creating a diamond-like pattern. Centered in the middle is the text "AVEVAWORLD" in a bold, white, sans-serif font. The letter "E" is stylized with three horizontal bars.

AVEVAWORLD

ACCELERATE INDUSTRIAL INTELLIGENCE

CONNECT



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Your Guide to Data Connectivity in CONNECT

Presented by:

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AVEVA

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AVEVA Adapters?

**AVEVA Edge Data
Store?**

CONNECT flows?



AVEVA Agents?

**Gateway Data
Publisher?**

Deployment?

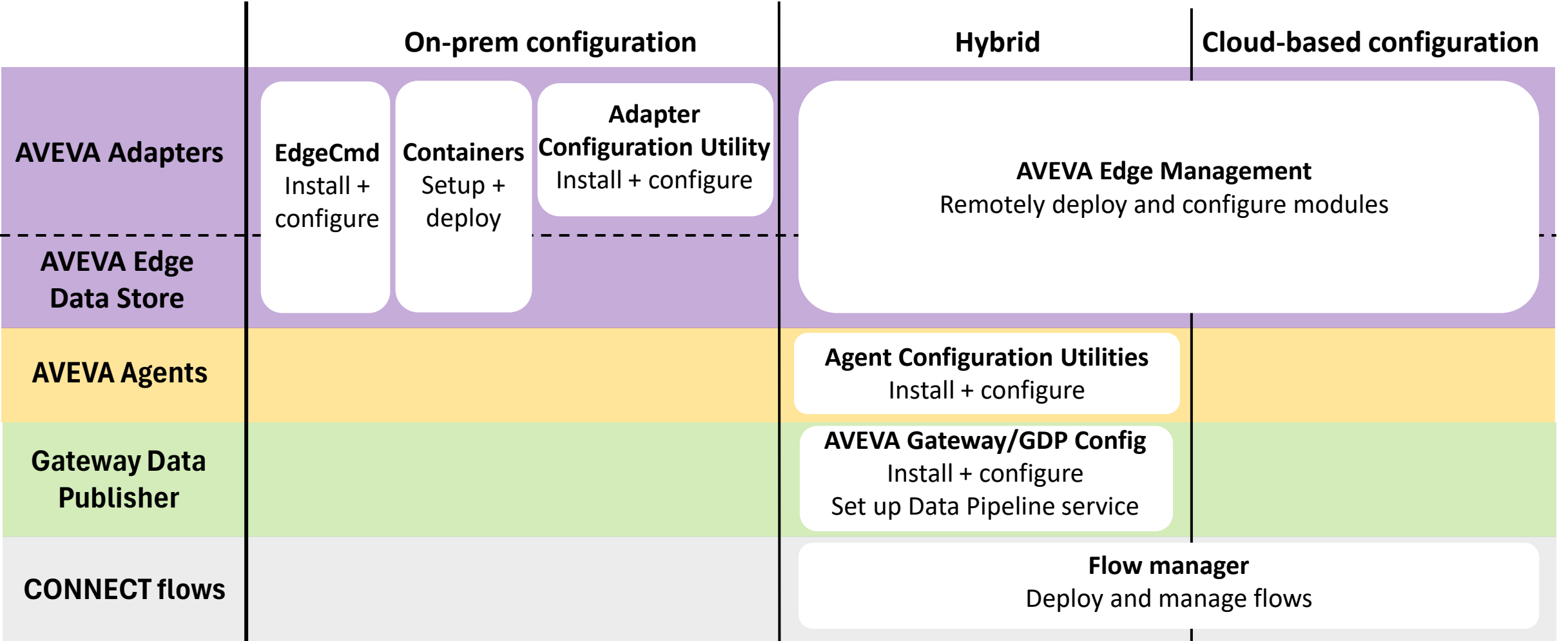
Data source?

Performance & Scale?



**Data collection
method?**

High availability?



Deployment?

Data source?

Data collection
method?

High
availability?

Performance &
Scale?

AVEVA Systems

AVEVA Agents

AVEVA PI Server
PI to CONNECT

AVEVA Historian
AVEVA Historian Agent

MES | Production Management
AVEVA Events to CONNECT Agent

External Systems or Data

PLCs | DCS | IIOT Devices

AVEVA Adapters
OPC UA · MQTT · Modbus TCP
DNP3 · RDBMS · BACnet
Azure Event Hubs · Structured Data Files

AVEVA Edge Data Store
Embedded OPC UA and Modbus TCP
Adapters

CONNECT flows
800+ supported systems

Engineering Data

Data Pipeline
Gateway Data Publisher
with AVEVA Gateways

Custom OMF Applications

Adapter Framework (.NET)
or
OMF spec with any desired
language

Deployment?

Data source?

**Data collection
method?**

High
availability?

Performance &
Scale?

Real-time data

AVEVA Adapters

MQTT · Modbus TCP · DNP3 · BACnet
Azure Event Hubs

Historical data

AVEVA Events to CONNECT Agent

AVEVA MES
AVEVA Production Management

Batch data

AVEVA Adapters

OPC UA · RDBMS · Structured Data Files

AVEVA Edge Data Store

Local storage for historical data access

PI to CONNECT Agent

AVEVA PI Server

AVEVA Historian Agent

AVEVA Historian · System Platform

CONNECT flows

Flexible configuration for access to many different data collection methods

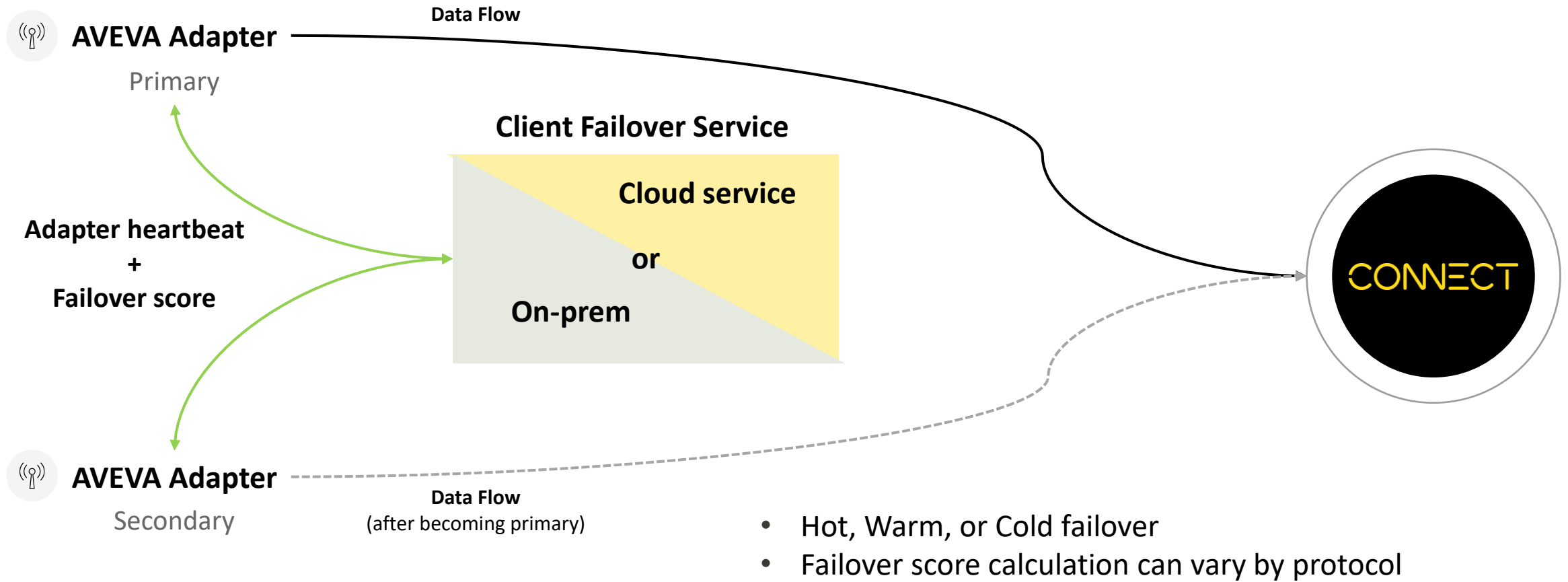
Deployment?

Data source?

Data collection
method?

**High
availability?**

Performance &
Scale?



Deployment?

Data source?

Data collection
method?

High
availability?

**Performance &
Scale?**

Volume of data

High volume
(Up to 250k e/s)



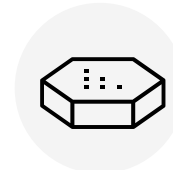
AVEVA
Agents



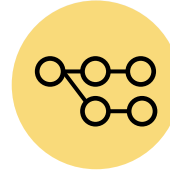
Gateway Data
Publisher



AVEVA
Adapter



AVEVA
Edge Data Store



Flows

Low volume
(1k e/s)

Least flexible

Highly flexible

Variety



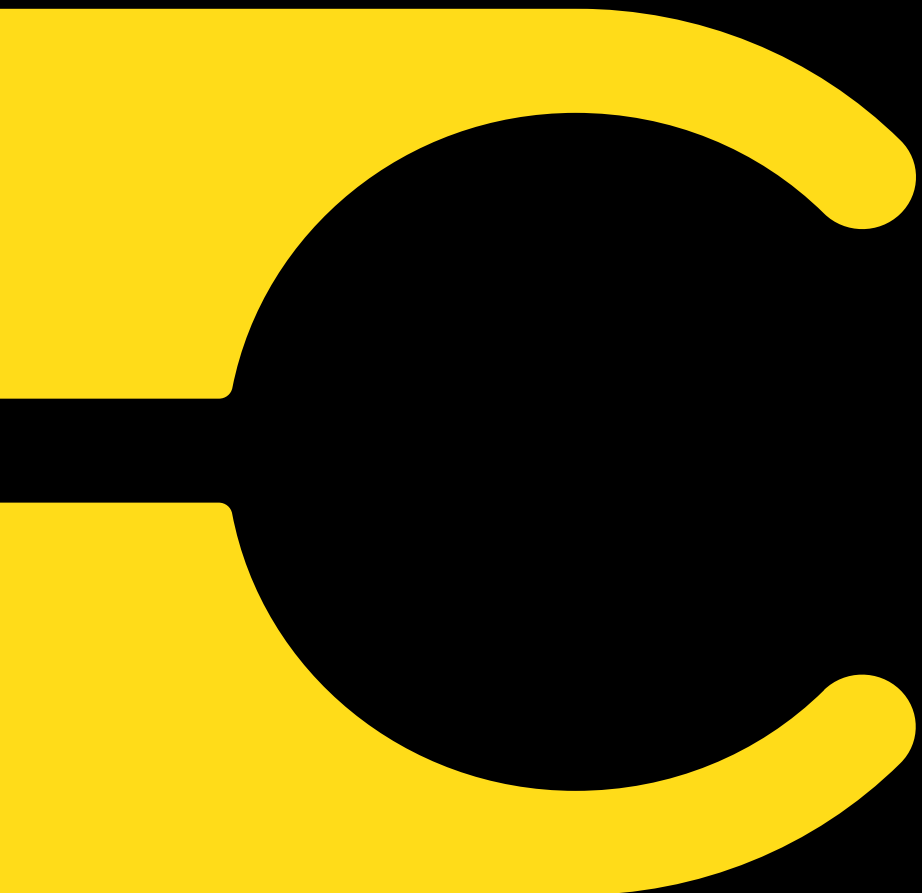
Upcoming CONNECT sessions

- **CONNECT Platform Overview and Roadmap**
Today, 1:30p - 2:15p, Level 3 Auditorium
- **Weaving a resilient AVEVA connectivity fabric to support every data user**
Today, 3:30p – 4:00p, Level 2, Brown 3
- **Delivering Intelligent Data Integrations, Edge DataOps, and Edge AI with flows in CONNECT**
Today, 4:15p – 5:00p, Level 2 Amber 2
- **User-friendly AVEVA Adapter configuration**
Tomorrow, 9:30a – 9:45a, Spotlight Lounge, Innovation Zone
- **[Roundtable] Data Everywhere: Modern Edge-to-Cloud Connectivity**
Tomorrow, 11:15a – 12:00p, Level 2 Amber 6
- **CONNECT Flows Data Ingress: Bringing Data In, Fast and Easy**
Tomorrow, 11:00a – 11:20a, CONNECT Lounge, Innovation Zone
- **CONNECT Flows Data Egress: Send Data Anywhere, Anytime**
Tomorrow, 11:30a – 11:50a, CONNECT Lounge, Innovation Zone
- **Technical Session: Introduction to OMF 2.0**
This was this morning 😊 but check out the recording when it's posted online!

Come join me to learn
what Connectivity option
is best for your use case!

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