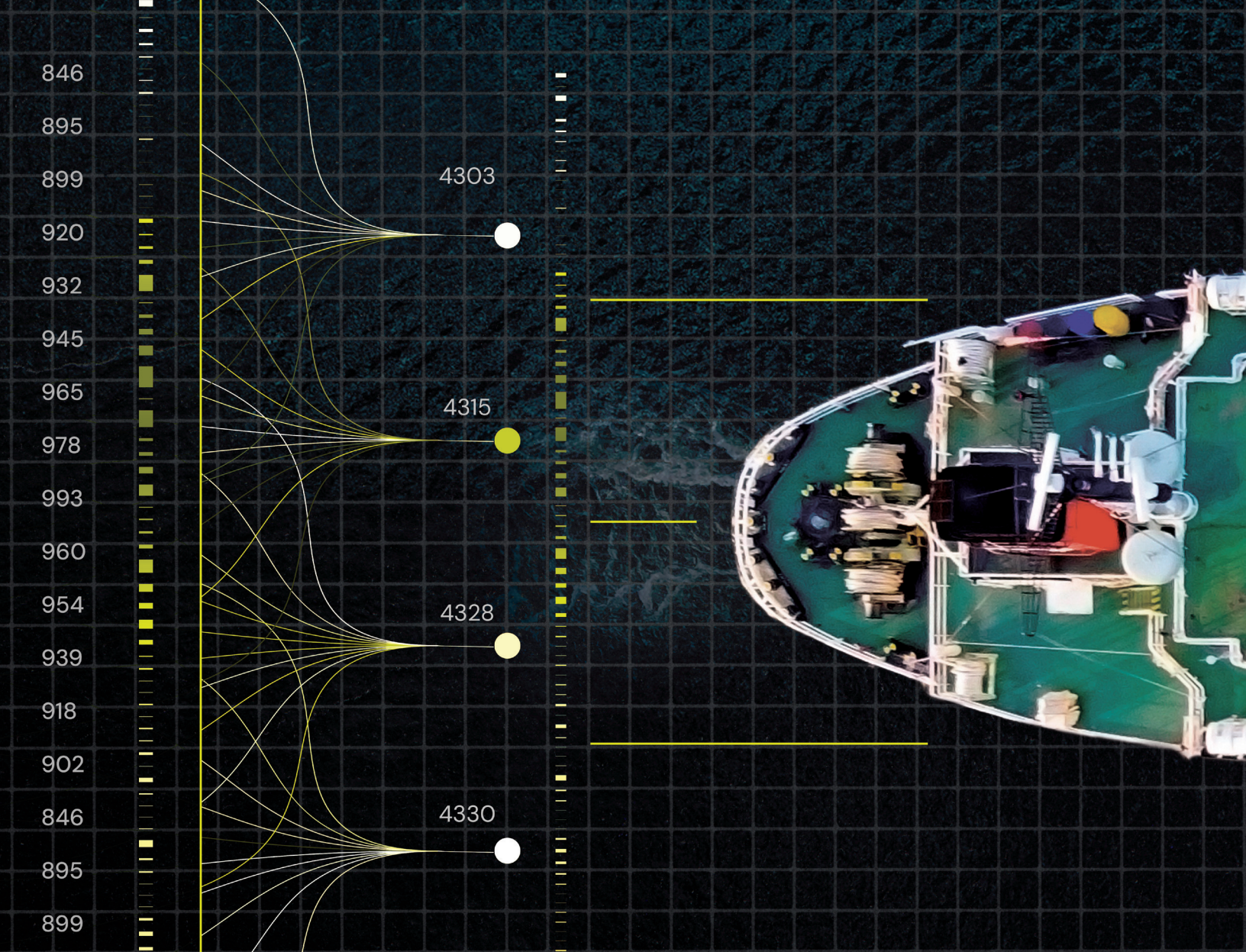




Flows

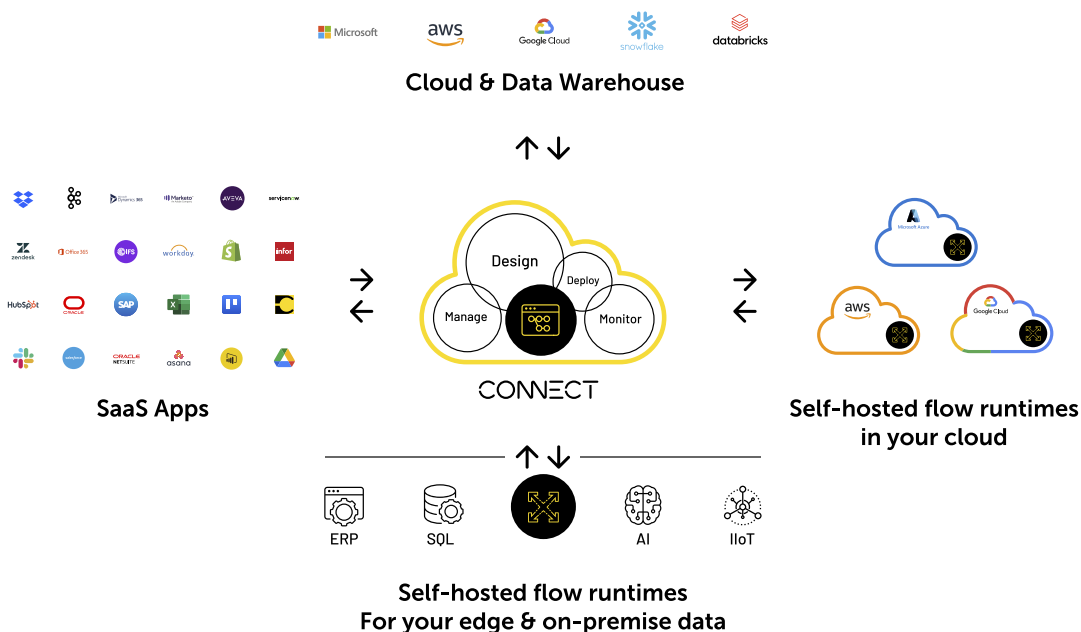
Real-time data processing pipelines for intelligence across edge, cloud and industrial systems.

CONNECT

EXPERIENCE THE CONNECT EFFECT

NN

Flows work on your data as it moves



Flows connect to any source and routes data to any destination – cloud, on-premises, edge or CONNECT

Industrial AI is reshaping what industrial operations can achieve. But its value depends entirely on one thing: data that is clean, contextualised and available in the moment it is needed.

Every industrial operation produces enormous amounts of that data. A temperature spike in a refinery, a pressure deviation in a water treatment plant, a quality variance on a food production line. These events generate data continuously.

The bottleneck is not volume. It is that by the time data reaches every system downstream – historians, AI models, ERPs, operators on the floor – it arrives raw, unconditioned and without the operational context needed to act. The gap is the absence of intelligence in the pipeline itself.

Flows work on data as it moves through your industrial operations, enriching it, applying logic and conditioning it for AI. So when an alert fires or a model runs, the underlying data is already clean, contextualised and ready to act on.

What flows make possible

For operations leaders

Act on asset events, process deviations and quality issues in the moment they occur, not after the fact.

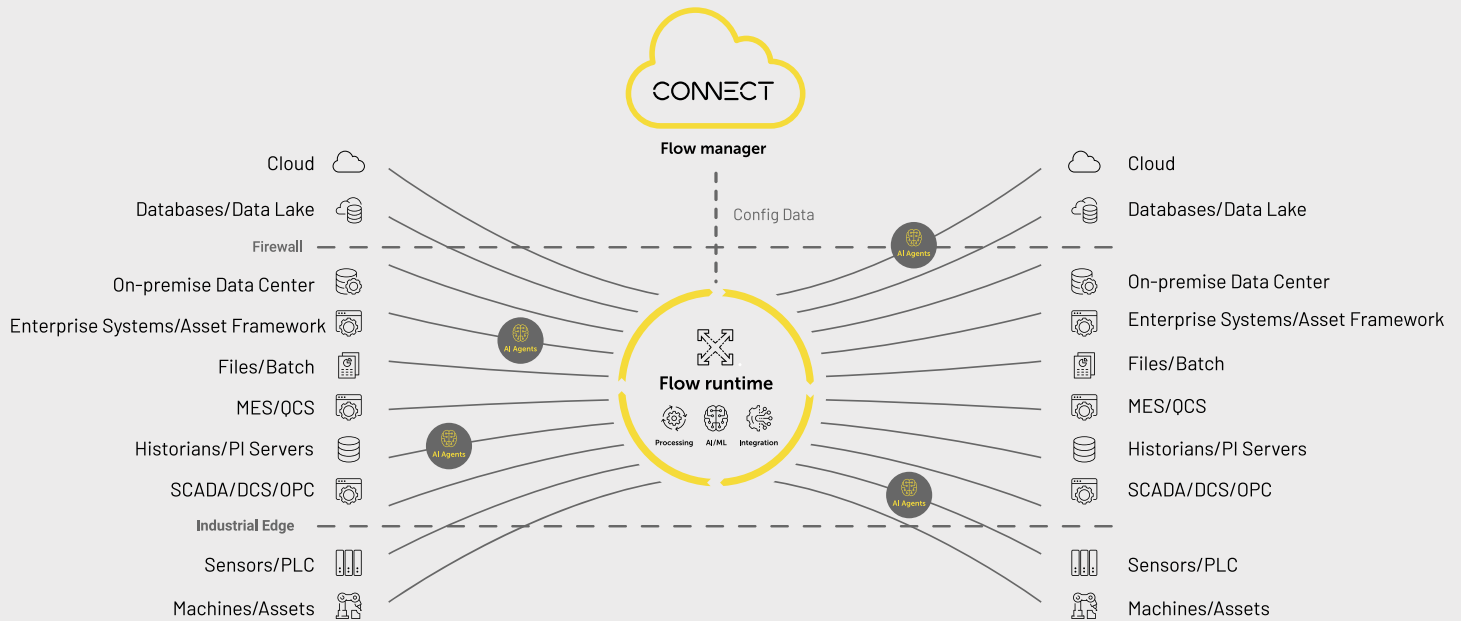
For data engineers

Replace custom scripts and fragile integrations with a managed, low-code pipeline platform that connects 800+ systems out of the box.

For CTOs and CIOs

A consistent, governed approach to real-time data across edge, on-premises and cloud, without building and maintaining custom infrastructure.

How flows work



Hybrid First

With a truly hybrid approach, manage self-deployed runtimes from CONNECT with low-code simplicity.

Integrate

Pull data from 800+ sources - IoT, historians, SCADA, MES, ERP and cloud services.

Transform

Clean, enrich and reshape data in motion using no-code modules or low-code connectors.

Analyze

Apply business logic, run stream analytics and event processing in the pipeline.

AI Inference

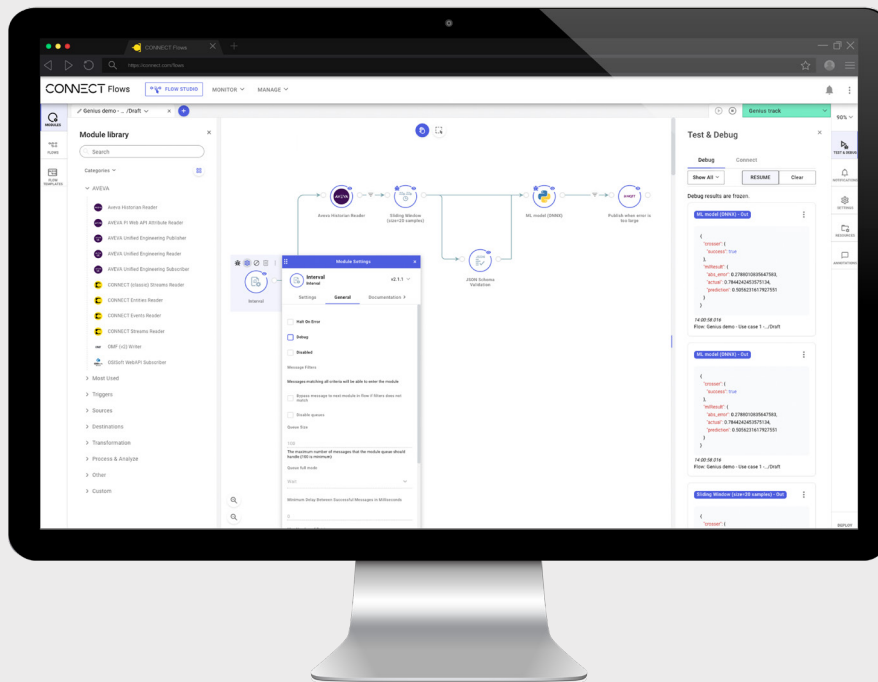
Run ML and AI model inference on live data-in-motion, including video and audio feeds.

Apply business logic, run stream analytics and event processing in the pipeline

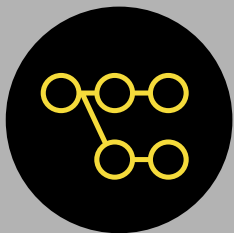


” Flows is a low-code data pipeline and data analytics capability for data in motion. It provides a modern data integration experience to ingest, prepare and transform data from a rich set of OT and IT data sources and has streaming analytics, event processing and AI inference capabilities to enable a wide range of use cases. ”

How you build, manage and stay in control



To learn more about flows, visit: connect.aveva.com



Flow studio

Build with low-code simplicity

Drag-and-drop environment to build integration, transformation and automation pipelines without writing code.



Module library - Start faster with prebuilt blocks

200+ prebuilt building blocks ready to connect, transform, enrich and route data from any source.



Flow templates - Deploy proven use cases in minutes

Start from templates built for common industrial integration and analytics scenarios.



Monitoring - Stay in control across every site

Track the health and quality of every flow, runtime and data stream from a single view within CONNECT.

CONNECT

