CONNECT

EXPERIENCE THE CONNECT EFFECT



Industrial data is often fragmented across systems, sites, and teams, making it difficult to build a single source of truth that supports visibility, collaboration, and innovation.

Imagine a platform purpose-built for your industry, designed for the realities of modern and hybrid industrial environments. You can access trusted industrial information in context, make decisions based on real-time intelligence, and share relevant information across teams to extend your ecosystem.

That's the CONNECT Effect.

Proven customer success

Nestlé

Achieved 10% savings on Nesquik powder during the trial, saving 101 g per 1 kg jar. Tighter jar-to-jar weight consistency improved product quality and helped minimize waste.





Bruce Power

Saved 1,000 hours previously spent searching for data, reduced repeat walkdowns by 15%, cut execution effort by 30%, and lowered engineering change close-out costs by 50%.

AP Consultoria e Projetos

Reduced project delivery time by 49%, cut rework by 29%, and reduced survey time by 55%. The engineering design company also achieved an approximate 56% reduction in hardware costs.





Boliden/ SKF

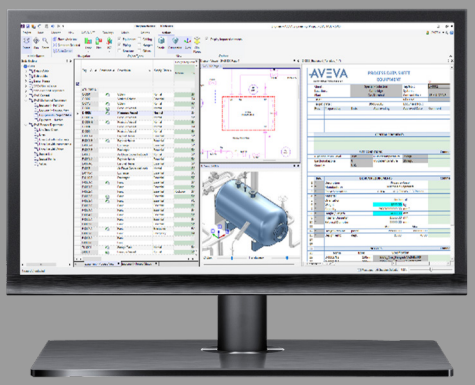
Integrated vibration and process data enabled early-stage failure detection, avoided $24K per hour in unplanned downtime, and prevented $3.5M in lost production. The enterprise also saved about 1 hour per person per day by reducing false alarm investigations.

The industrial intelligence platform

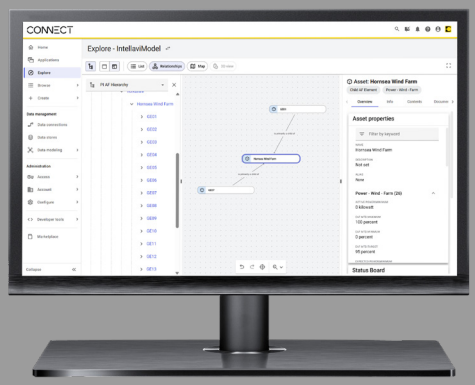
An open, neutral industrial intelligence platform, CONNECT empowers businesses to harness data-driven insights, AI, and scalable applications. By extending critical on-premises systems through the cloud, it breaks down traditional data silos, and enables teams to use their trusted industrial information for new use cases, enhanced collaboration, and rapid value creation across the entire asset lifecycle.

CONNECT plays a key role in the data architecture of the oil and gas, power generation, consumer products, infrastructure, mining, metals and minerals, chemicals, and water industries. AVEVA applies decades of experience with industrial data to deliver tools and capabilities purpose-built for the needs of industry. By aggregating, contextualizing, modeling, and storing time-series, alarms and events, and 1D/2D/3D industrial data in a single, secure cloud platform, CONNECT helps industry professionals do more with their data than ever before.

Industry leaders can engineer smarter and operate more efficiently with CONNECT and take advantage of integrated data management and visualization, AI and analytics, and other CONNECT capabilities that help achieve digital transformation in real time and accelerate industrial transformation at scale.



Design engineers collaborate across disciplines, geographies, and organizational lines to accelerate capital project success.



Data engineers centrally manage and refine data sets, removing silos and barriers to access – architecting data for maximum use.



Data users access contextual information in one place, enriched with AI and collaboration tools that support industrial intelligence.

Apply purpose-built capabilities



Data management & visualization

Aggregate, enrich, and contextualize real-time data with new relationships and dimensions with managed governance and validation. Dissolve silos and structure data for AI and analytics using an industrial knowledge graph and Data Ops. Empower users in different functional teams across the enterprise to collaborate on creating dynamic role-based visualizations that reveal AI-driven insights and self-service intelligence.



Connectivity

Eliminate integration delays and IT burden with prebuilt connectivity that deploys in minutes. Movedata both ways, whether on-premises or the cloud, without disrupting operations or compromising security.



Collaboration

Redefine data sharing with full management and streamlined controls. Empower teams to minimize duplication, improve coordination, accelerate new use cases, and increase scalability.



AI & analytics

Improve asset reliability and uptime, increase product quality and throughput, reduce energy consumption, and optimize operational performance through real-time anomaly detection, contextual insights, and prescriptive guidance that help drive faster, better decisions.



Applications

Optimize software investments to drive operational efficiency and enhance team toolsets with additional solutions like engineering and simulation, energy management, and condition-based maintenance.

Use cases



Data governance & contextualization

Aggregate, enrich, and transform data into standardized and validated formats



Ecosystem data sharing

Enable secure exchange of OT/ET/IT data to strengthen industrial collaboration



Enterprise-wide data visualization

Access and democratize rich insights from executives to front-line employees



Remote operations monitoring

Centrally observe and analyze assets, processes, and facilities



Digital twin

Use trusted data and models to simulate, predict, and optimize processes safely



Asset optimization/ maintenance efficiency

Maximize the performance and lifespan of assets while reducing costs and risks



Anomaly detection

Apply AI/ML to detect and prevent impact of deviations in critical process activities



1D, 2D, 3D data authoring

Utilize multidiscipline, multidimensional, data-centric design and authoring



Production performance

Measure and analyze KPIs continuously to determine optimal process variables



Energy optimization

Enhance sustainability by minimizing consumption and maximizing efficiency



Track and trace

Improve quality control, regulatory compliance and expedite product recalls



ESG management and reporting

Monitor & measure critical performance impacts across non-financial drivers

Realize the CONNECT Effect

- Create an industrial hybrid architecture that offers the robustness of on-premises industrial applications with the scale and accessibility of cloud.
- Access industrial information in context, make decisions based on trusted data and real-time intelligence, all in one place.
- Drive industrial sustainability by optimizing and de-risking your capital project design, build, and handover processes.
- Support teams with AI-augmented workflows that increase efficiency and provide human decision-support.
- Share relevant information across teams, tap into a network of consumers, producers, partners, and vendors, and build or extend your ecosystem to bolster your investments.
- Unify your industrial ecosystem in an open, secure platform, helping you do more with your industrial data than ever before.

Partner Ecosystem

Explore our entire global network of technology partners, developers and integrators leveraging the CONNECT industrial intelligence platform.

To learn more about CONNECT, visit: **connect.aveva.com**

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