



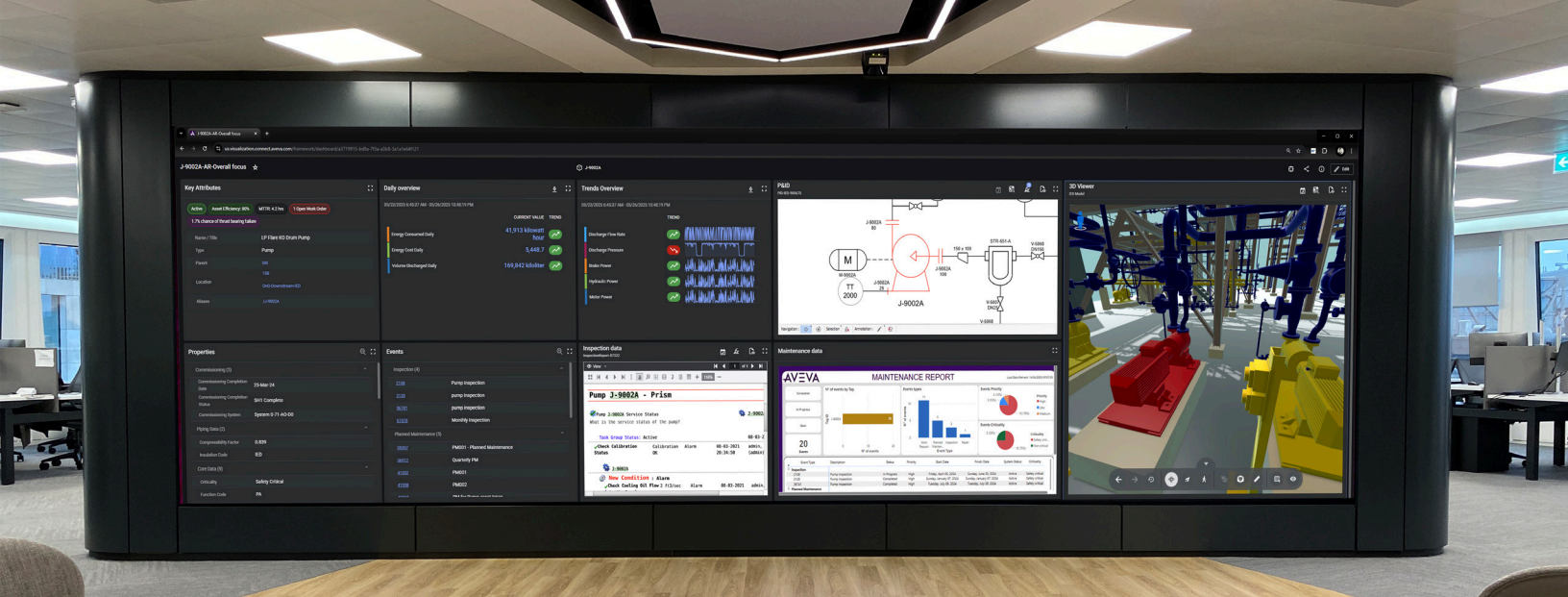
AVEVA™ Asset Information Management

AVEVA Asset Information Management is a single, unified platform that turns every byte of industrial data into actionable intelligence so you can unlock the full potential of your industrial facility.

Whether you're launching a greenfield offshore platform, upgrading a power generation plant, refitting a marine vessel, or struggling with your mining operation's carbon footprint, AVEVA Asset Information Management creates the foundation of your digital twin, breaking down information silos and providing quick access to trusted information mapped to industry standards.

AVEVA Asset Information Management builds a connected data backbone, enabling collaboration across your organization, from design and engineering to operations and maintenance. With deeper insights from your industrial data, your team can make informed decisions to drive efficiency and safety while meeting sustainability goals.





The solution

AVEVA Asset Information Management gives organizations a clear, accurate view of up-to-date asset data, all in one place, enabling users to make faster and more reliable decisions based on harmonized, validated, and contextualized information.

With the help of enterprise data governance, AVEVA Asset Information Management creates a standardized view of data, ensuring completeness, consistency, and compliance.

AVEVA Asset Information Management delivered as a fully scalable SaaS infrastructure creates the core of the digital twin.

How it works

AVEVA Asset Information Management aggregates data across formats and systems, linking documents, drawings, and equipment records into a consistent, accessible model. With enterprise-grade governance and role-based visualization, it gives every stakeholder access to the contextualized information they need when they need it most.

Why AVEVA Asset Information Management?

- **Trusted, centralized data:** Integrates engineering, maintenance, and asset data from multiple cloud and on-premises systems in varying formats into one single source of truth, creating the backbone of your digital twin
- **Faster, smarter decisions:** Turns disconnected data sets into harmonized, validated, and contextualized information so your operations teams get deep insights and control across the asset lifecycle
- **Powerful visualization tools:** Supports intuitive navigation via CONNECT visualization dashboards, offering contextualized, flexible, and role-based visualizations
- **Built for collaboration:** Enables stakeholder collaboration across design, operations, and maintenance throughout the entire project lifecycle
- **Enhance safety and compliance:** Provides quick access to accurate, up-to-date asset and maintenance information, helping achieve operational efficiency, regulatory compliance, and risk management
- **Mobile-first access:** Maintenance teams and field engineers have instant access to 3D models, inspection results, and asset data through powerful visualizations, enabling faster decision-making and reducing unplanned downtime

Key differentiators

Unified, standards-governed solution

Access to trusted information within three minutes

- Unify 1D, 2D, and 3D data into a standards-governed repository
- Ensure data integrity with built-in Information Standards Management: CFIHOS, ISO 15926, ISO14224, and more
- Enforce compliance, ensuring regulatory adherence, enhanced safety, and efficient project handovers

So you can mitigate risk and achieve ESG commitments with robust data governance

20+ years of expertise with asset-intensive industries

Trusted solution, rigorously proven in the world's most demanding operational environments

- Expert consultants and proven implementation capabilities to help you in your digital twin journey
- Deep insights spanning diverse industries, designed to solve complex operational needs

So you can leverage proven expertise from day one

True vendor-agnostic architecture

Enhance your digital transformation with open architecture

- Seamlessly ingest and unify data from any engineering, ERP, or business systems
- Preserve existing investments with no changes required to existing processes
- Accelerate time-to-value with zero vendor lock-in

So you can future-proof your operations

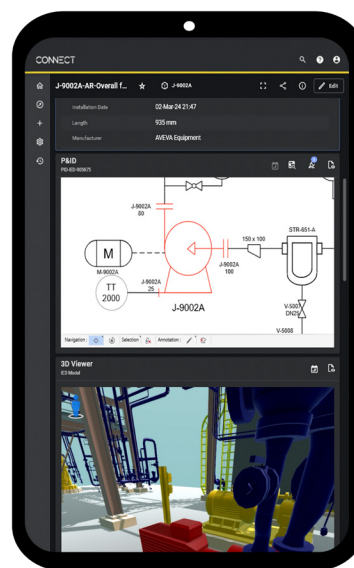
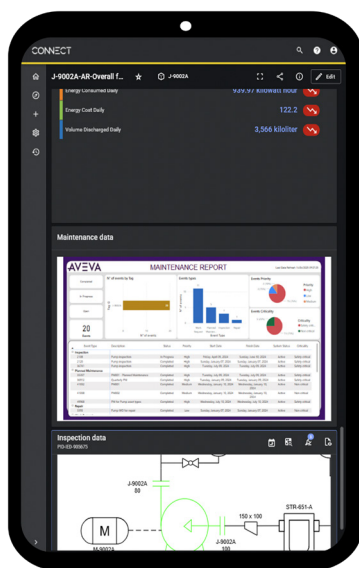
Foundation for your digital twin

Seamless integration with other solutions like CONNECT and AVEVA™ PI System™

- Fuse live operational, engineering, and maintenance data
- Overlay real-time KPIs along with 1D, 2D, and 3D diagrams and inspection schedules
- Achieve true design-to-operations alignment

So you can make faster decisions, enable proactive maintenance and sustain operational excellence

Mobile friendly experience:
Visualize actionable information
anywhere on any device



AVEVA Asset Information Management: Use cases

Streamline your capital projects and design

With AVEVA Asset Information Management, engineering, procurement, and construction (EPC) companies can gain full visibility into engineering and asset data from P&IDs, 3D models, specifications, and documents with information validated and available in one place. This visibility helps eliminate surprises during the entire design phase, reduces rework, and keeps the project on schedule and within budget.

Maire Tecnimont achieved 20% of cost savings by adopting an information management approach from the beginning of their project

Modernize brownfield sites with confidence

AVEVA Asset Information Management transforms your disparate, unstructured, and legacy 'as-built' data into a reliable, structured single source of truth. This accurate and consolidated view of the facility enables users to model upgrade scenarios, reduce unplanned shutdowns, and drive returns on modernization projects.

Bruce Power improved walkdown efficiency by 30% and saved 1000 hours in data retrieval

Accelerate handover and commissioning

With AVEVA Asset Information Management, EPCs and owner-operators can seamlessly collaborate throughout the lifecycle of CapEx projects. With a continuously evolving digital twin of your asset data, complete with tagged equipment and validated documentation, users can proactively review design and enable progressive handovers at key project milestones. This approach helps eliminate project delays and ensures owner-operators are production-ready on day one.

Roslagsvatten achieved a 40% reduction in handover costs

Empower your standard operations and maintenance

As an owner-operator, AVEVA Asset Information Management becomes your trusted window into all critical asset and maintenance information, seamlessly connecting historical engineering and construction-phase data. You can plan maintenance proactively, reduce operational risk, increase reliability, worker productivity, and stay fully compliant.

PETRONAS improved engineering and operational data preparation, data loading, and data contextualization by 30%

Key capabilities

Creates the core of the digital twin

AVEVA Asset Information Management establishes one common location for all your data, including documents, 3D models, reporting, and laser scans, creating the core of a trusted digital twin. It provides a complete cross-reference index with links to and associations between all items in the digital twin.

AVEVA works with a variety of interoperability working groups and industry standards bodies to offer vendor-neutral, scalable technology. As an agnostic solution, AVEVA Asset Information Management accepts data from any source.

Fast search and discovery in three minutes

Quickly find accurate, in-context data through intuitive search capabilities for all your assets, tagging, and document-model associations.

Cloud-based flexibility

AVEVA Asset Information Management can be deployed through CONNECT, AVEVA's industrial cloud platform. With CONNECT, organizations can quickly and securely share critical information with employees and trusted partners, enabling secure access and seamless collaboration without IT and administrative burden and cost.

Document management and control system

Through AVEVA's strategic partnership with Assai, AVEVA Asset Information Management is integrated with the Assai Document Control and Management System, which proactively controls document revision flows to manage non-intelligent data.

Powerful visualization

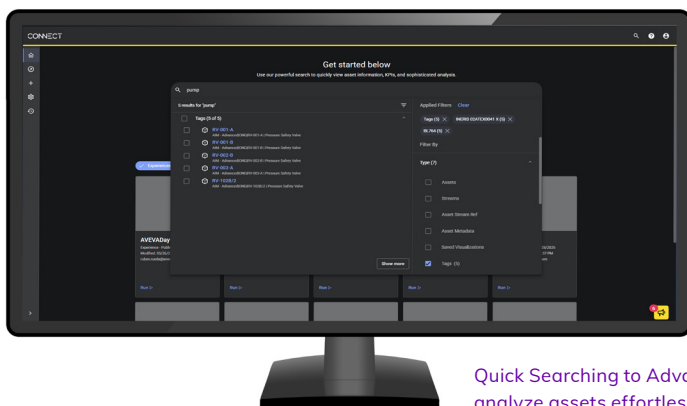
AVEVA Asset Information Management is accessible through CONNECT visualization, offering a single unified UI to visualize time-series and event data from AVEVA PI System and engineering asset data from AVEVA Asset Information Management. Role-based user views and drag-and-drop visualizations ensure each user sees exactly the KPIs and insights they need. Simplified search functionality offers faster access to critical information in context to support enhanced operational flexibility and responsiveness.

AVEVA Asset Information Management fast track pack

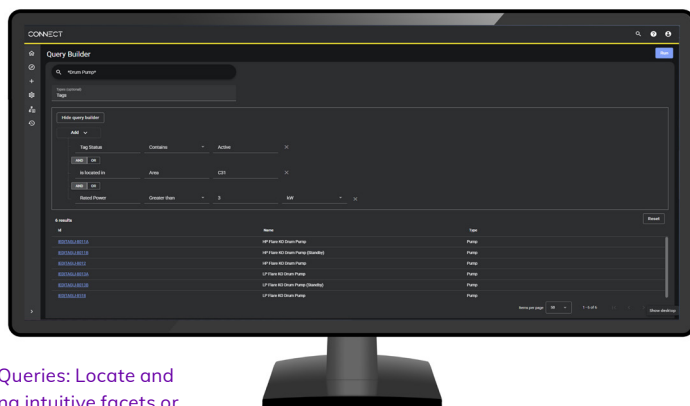
AVEVA Asset Information Management can be deployed within two months, accelerating adoption and ROI and enabling seamless data governance and operational efficiency.

Data quality assessment

AVEVA Asset Information Management can aggregate project and asset data to report on data quality, consistency, and completeness, improving compliance and enabling efficient handover operations.



Quick Searching to Advanced Queries: Locate and analyze assets effortlessly using intuitive facets or detailed attribute-based search



Hear from our customers

Roslagsvatten



Roslagsvatten used AVEVA Asset Information Management to digitalize its water and wastewater operations. By anchoring its OT and IT ecosystem using the solution, Roslagsvatten reduced its handover costs by 40%, improved efficiency, enhanced asset management, and enabled faster upgrades using a future-ready, flexible system.

Bruce Power



Bruce Power leveraged AVEVA Asset Information Management to modernize its nuclear facility operations, achieving up to 50% faster data retrieval, a 25% reduction in engineering modifications, and 80% faster project handover. By enabling document-to-tag relationships, they achieved increased operational efficiency, and enhanced safety and compliance.

bp



bp, in partnership with KBR and AVEVA, deployed the ACE digital twin using AVEVA solutions, including AVEVA Asset Information Management, AVEVA™ Point Cloud Manager and AVEVA™ E3D Design. The ACE digital twin delivered rapid access to connected information, enabled remote operations, accelerated decision-making, improved safety and collaboration, and reduced carbon emissions.

Rio Tinto



Rio Tinto leveraged AVEVA Asset Information Management to accelerate commissioning by enabling preconfigured and standardized systems. This data-centric approach enhanced collaboration, ensuring a production-ready digital twin from day one. Overall, the solution streamlined project delivery and operations, driving significant efficiency gains across their multisite operations.