



AssetWise[®] ALIM

Leverage a Connected Data Environment for Improved Asset Management

AssetWise Asset Lifecycle Information Management (ALIM) is a comprehensive asset information management system that helps you reduce costs and improve safety by enabling easy access to validated and trusted asset data.

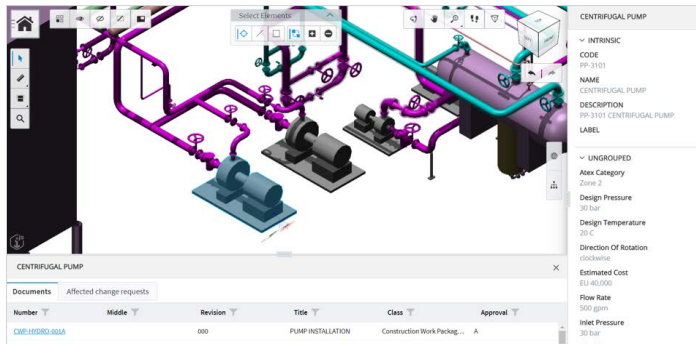
The application works within a connected data environment to help you improve decision-making and manage assets and related information for infrastructure operations across industries and asset types.

IMPROVE SAFETY AND RELIABILITY

AssetWise ALIM ensures the delivery of relevant, trusted information, in context, when and where it is needed. The system makes it easy to identify information types and the relationships between them, so that information access is open to all project stakeholders, regardless of where the information came from or where it is stored.

EFFECTIVELY MANAGE YOUR DIGITAL TWIN INFORMATION

AssetWise ALIM keeps your digital twin evergreen by receiving and managing digital information from all phases of the asset's lifecycle—from design, through construction, and into operations. AssetWise ALIM links asset data, documents, engineering models, organizations, requirements, people, and processes. It delivers trusted information to engineering, operations, and maintenance teams in a visual and immersive environment. ALIM is central to any digital twin as it provides visibility and management across the entire set of available information. Immediate access to reliable asset information is critical for minimizing risk, saving time, and reducing costs.



ALIM enables you to view current asset information through 3D models.



Asset Component Register
Manage all functional and physical assets within one system



Configuration Management
Track all asset configurations and ensure they conform to requirements



Document Register
Integrate document control, review and acceptance, records management, and distribution, regardless of file format



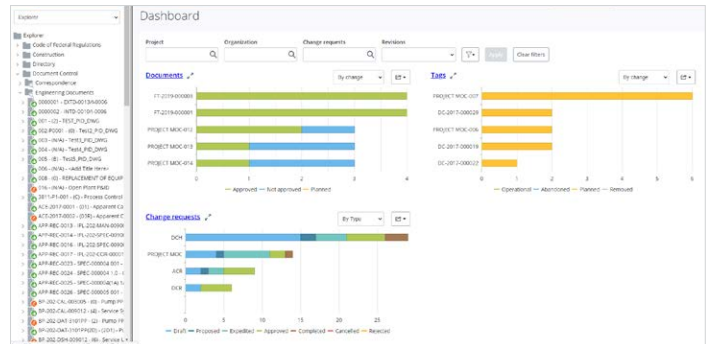
Compliance Management
Ensure regulatory compliance by using solutions based on industry standards and keeping track of requirements



Change Management
Model and analyze the impact of changes before they are implemented



Digital Twin Integration
Start with asset information and build your digital twin



Configurable dashboards showing an overview of tags, documents and change requests.

SYSTEM REQUIREMENTS

BROWSER COMPATIBILITY: Microsoft Edge, Google Chrome, Mozilla Firefox

AssetWise ALIM At-A-Glance

TAG REGISTER

- Manages high volumes of tags from multiple sites, with the ability to manage millions of records within one environment
- Unifies all tags and functional assets on a project or facility in a single system
- Records design requirements, ensuring information is documented for each tag
- Supports decision-making based on the optimal operating conditions for each tag
- Tracks both the equipment that can be installed in a functional location as well as the equipment models and serialized items that are currently installed

PHYSICAL ASSET REGISTER

- Contains the details of compound and package equipment, including sub-equipment within assemblies
- Tracks configuration baselines for products at a specific point in time, which serves as a basis for defining change and conducting verifications
- Manages individual instances of equipment models, including serialized items, and any relevant documentation, such as inspection reports
- Supports the use of equipment catalogues across an asset and enterprise

DOCUMENT MANAGEMENT

- Integrates disciplines of document control, change management, records management, and distribution
- Classifies documents and allocates metadata requirements, including definitions of applicable workflows and access permissions
- Manages workflows to distribute documents for review and comment and collates feedback for approval or rejection. Archives old revisions.
- Manages mark-ups and revisions throughout the document's lifecycle, including recording the reasons for changes and new revisions

CONFIGURATION MANAGEMENT – IDENTIFICATION

- Defines a clear and robust specification, based on a class hierarchy (Reference Data Library), that helps track the degree to which asset configurations conform to requirements. This allows consistency of information standards across an asset, facility, or organization
- Defines plant breakdown structure, allowing assets to be divided by process system or location
- Numbering specifications enforce control over tag and document numbering throughout projects and facilities

CONFIGURATION MANAGEMENT – CHANGE MANAGEMENT

- Records relationships between objects and information, allowing interdependency tracking
- Impact analysis allows the user to understand the effect of any change before it happens
- Allows for varying levels of change management, including design changes that involve alteration to the fit, form and function of equipment, swapping like for like, and administrative or corrective changes
- Monitors the progress of change requests by providing status details for each affected object and tracing the lifecycle of changes made with revision history, including recording change details and the business reason for changes
- Manages concurrent changes to ensure changes are not lost and all approved changes are incorporated over time

CONFIGURATION MANAGEMENT – STATUS ACCOUNTING AND AUDITING

- Provides a full audit trail, down to individual attribute changes
- Details status information for each object, including outstanding change requests affecting the object

RECORDS MANAGEMENT

- Details evidence for transactions, compliance audits, and legal discovery
- Supports regulatory compliance and reduces risks associated with audits and litigation
- Provides complete lifecycle management of all corporate records and associated information, including record types independent of the document class hierarchy
- Complies with your organization's corporate record-keeping policies, including automated file plans. Includes the ability to set rules around archiving or destruction of files based on time, status, change history, and other attributes

INFORMATION HANDOVER

- Supports business processes in greenfield and brownfield projects. Promotes best practice information management through each stage of the lifecycle
- Supports a seamless handover from projects in which requirements are driven from operations and delivered via an incremental handover. Ensures the information needed to commission, operate, and maintain an asset is validated and available at the point it is required
- Supports industry standards including CFIHOS RDL and processes

REQUIREMENTS MANAGEMENT

- Enables tracking and measuring contractual, industry-specific, and lifecycle requirements throughout projects and into operations, including proving regulatory compliance
- Manages changes to requirements in real time, which provides a clear understanding of the impact of changes before they are applied
- Changes to requirements are communicated to your stakeholders everywhere they are needed

SUPPORTS DIGITAL TWINS

- Keeps your digital twin evergreen through formal change management and workflow automation
- A connected data environment ensures all users are accessing a common, validated, and up-to-date source for both project and performance digital twins
- Enables incremental design reviews of 3D model and digital twin development
- Ensures digital twins are kept current with the project's progress and supports effective decision making
- Provides a visualization for your digital twin, including 2D and 3D reality models.
- Supports interoperability with third-party applications
- Integrates with other mission critical systems including SAP and Maximo
- Dashboards provide at-a-glance views of key performance indicators including documents, tags, and change requests