

**Bentley**<sup>®</sup>  
Advancing Infrastructure

 CONNECT Edition



## AssetWise<sup>®</sup> CONNECT Edition

### Asset Lifecycle Information Management

#### Accurate, Flexible, and Powerful Information

AssetWise Asset Lifecycle Information Management (ALIM) provides a spatially-enabled connected data environment to manage assets and related information for infrastructure operations across a wide range of industries and asset types. AssetWise ALIM improves overall accessibility, quality, integrity, and relevance of asset data, in-context, across the asset lifecycle.

AssetWise ALIM delivers complete information management during an infrastructure's operating life and supports safe and reliable life extensions. It uniquely integrates configuration requirements and change management best practices to deliver powerful asset lifecycle information management capabilities.

#### Trusted Information When and Where it is Needed

AssetWise ALIM manages information throughout the lifecycle of change – ensuring the delivery of relevant, trusted information, in context – when and where it is needed. AssetWise ALIM makes it easy to define information types and the relationships between them – including documents, requirements, people, processes, policies, physical assets, and more.

#### Spatially-enabled Asset Information

AssetWise ALIM provides the ability to view and use information from a graphical perspective for spatially-located assets and related information. This allows you to view information in a manner that can support enhanced decision-making across different types of linear assets and information. You can locate assets based on spatial coordinates, on a position along a network, or proximity to another asset. This network-based approach allows you to perform complex linear-based analysis across the entire network.

#### Enterprise Interoperability

AssetWise ALIM provides access to and interoperability with mission critical enterprise applications such as enterprise asset management (EAM) and enterprise resource planning (ERP) systems. By integrating with key enterprise applications, AssetWise ALIM provides visibility and management across the entire set of available information. Certified integrations automate the flow of data for data creation, updates, and modifications and keep data in both systems accurate and current.

#### Connected Data Environment

An open, connected data environment allows users to better manage and access consistent, trusted, and accurate information. This capability enables collaboration, improves decision-making, and increases operational efficiency. AssetWise ALIM embraces this philosophy by enabling you to connect a range

of digital workflows with your digital twin environment, containing your digital components and your digital context. Together, AssetWise and Bentley's iTwin<sup>™</sup> Services, deliver a connected data environment as a digital cloud service that helps organizations create, visualize, and analyze performance digital twins of infrastructure assets.

#### AssetWise ALIM Features

##### *Asset Registry and Tag Management*

Organizations have hundreds of thousands or millions of assets, equipment, structures, systems, and components that need to be managed, tracked, and maintained for ongoing operations. AssetWise ALIM gives you the ability to manage assets and their configurations, including product and item baselines, snapshots, and serialized items, as well as persistence and change management of tags and physical items.

##### *Spatial Linear Network Management*

Ensuring information about linear networks and associated assets is current and available is critical for effective decision-making. AssetWise ALIM provides a spatial environment to visually access information and take action. This includes the ability to view linear networks, related assets, and attributes together with other spatially-located information. Maps with navigation capabilities allow you to perform business functions directly within the spatial interface. User-friendly graphical reporting features enable your users to query and report on data without any programming or GIS knowledge.

##### *Change Management*

Change management cannot happen without the ability to create relationships between relevant information, which is key to identifying the impact or effects of change. AssetWise ALIM gives you powerful features for varying levels of change management; also, the application monitors the progress of a change request by providing status details for each information asset and traces the lifecycle of changes made with revision history.

##### *Configuration Management*

Configuration management ensures that asset configurations conform to their requirements. It provides the ability to identify and retain the context of information and its relationship to projects, processes, equipment, organizations, and users throughout their lifecycles. AssetWise ALIM gives you information integrity and consistency through closed-loop change management.

##### *Document Control*

Effective document control must blend four key functional areas: document control, change management, records management, and distribution. AssetWise ALIM integrates this functionality to provide you with the ability to effectively,

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efficiently, and accurately capture, manage, control, retrieve, distribute, and archive all types of infrastructure asset information across a facility or network.

*Records Management*

Effective records management provides evidence for transactions, compliance audits, legal discovery, and more. AssetWise ALIM provides advanced file plan and disposition functionality, delivering a powerful records management system for complete lifecycle management of all corporate records and associated information. AssetWise ALIM helps you comply with your organization's corporate record-keeping policies to meet regulatory compliance and reduce the risks associated with audits and litigation.

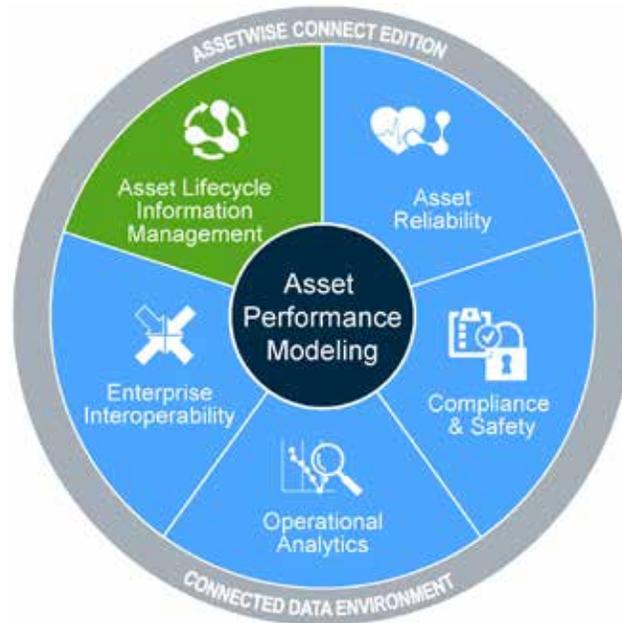
*Requirements Management*

Requirements management is a continuous process that is

critical to meeting design specifications as well as ensuring operational and regulatory compliance. With AssetWise ALIM, requirements information can be updated in real time and information is automatically propagated and accessible to your stakeholders everywhere it is needed.

*Work within an Immersive Digital Operation*

Make performance digital twins even more relevant and outcome-driven than a simple 3D model by accessing all an asset's digital information through AssetWise's ALIM connected data environment. Gain contextual association of an asset by accessing project and asset digital component information securely through intuitive 3D immersion. Immersive Digital Operations allows the user to view assets digitally in-context and with accuracy, improving decision-making and maximizing asset performance.



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