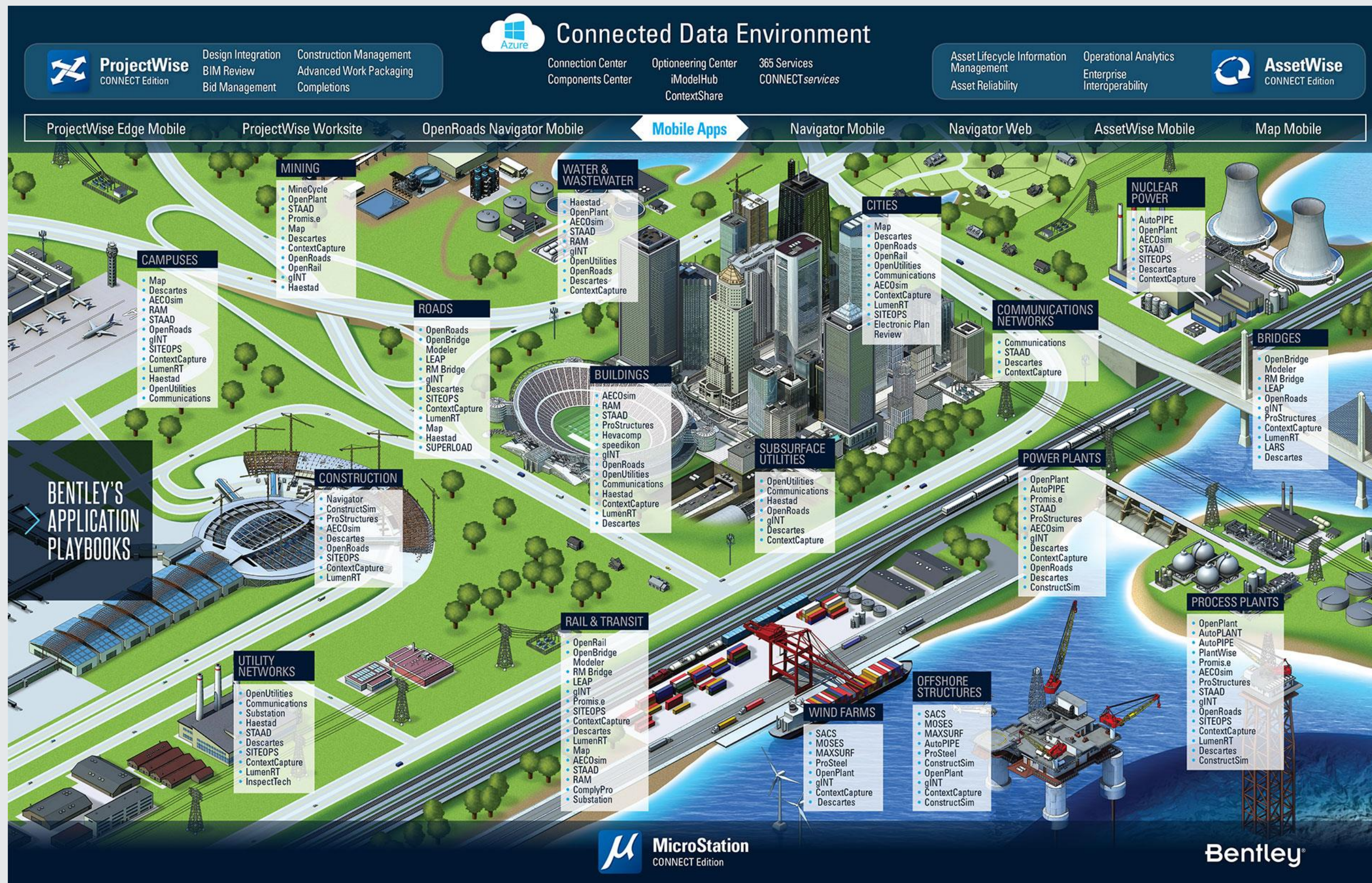# STRATEGIC ASSET MANAGEMENT IN TRANSPORTATION

ABOUT ASSETWISE

Bentley's mission is to provide **innovative software and services** for the enterprises and professionals who **design, build, and operate** the world's infrastructure – sustaining the global economy and environment for **improved quality of life**.
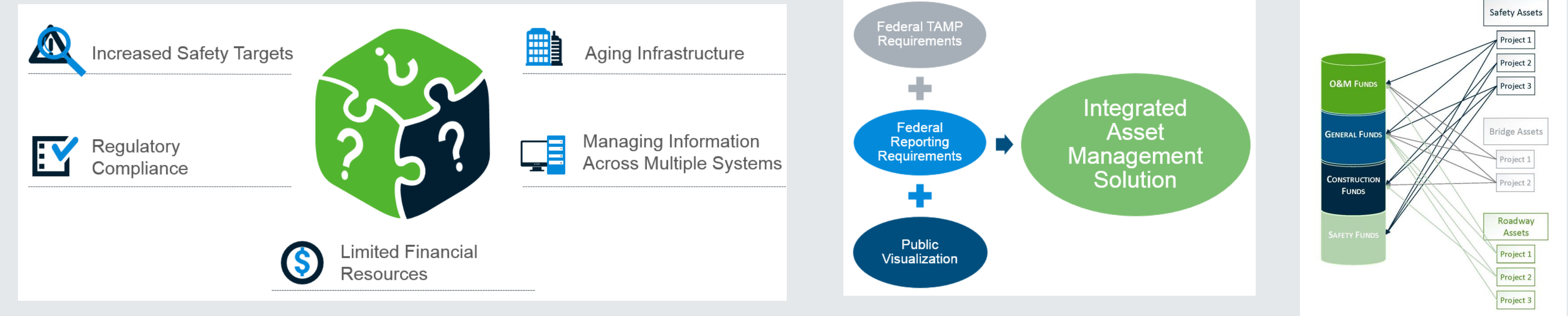

Built on Bentley's interoperable technology, AssetWise leverages Bentley's **unique connected data environment** to create, collect, manage, and control information.

AssetWise provides **actionable decision support** so you can plan intelligently, **evaluate alternatives**, and make informed decisions for optimal **allocation of resources** and asset performance

Meet mandatory requirements with demonstrated proof of compliance. **Analyze investment alternatives in a geospatial environment** and manage assets in one information system. From linear road network management to bridge inspections, routing and permitting, and more, AssetWise is the asset management choice for highway agencies
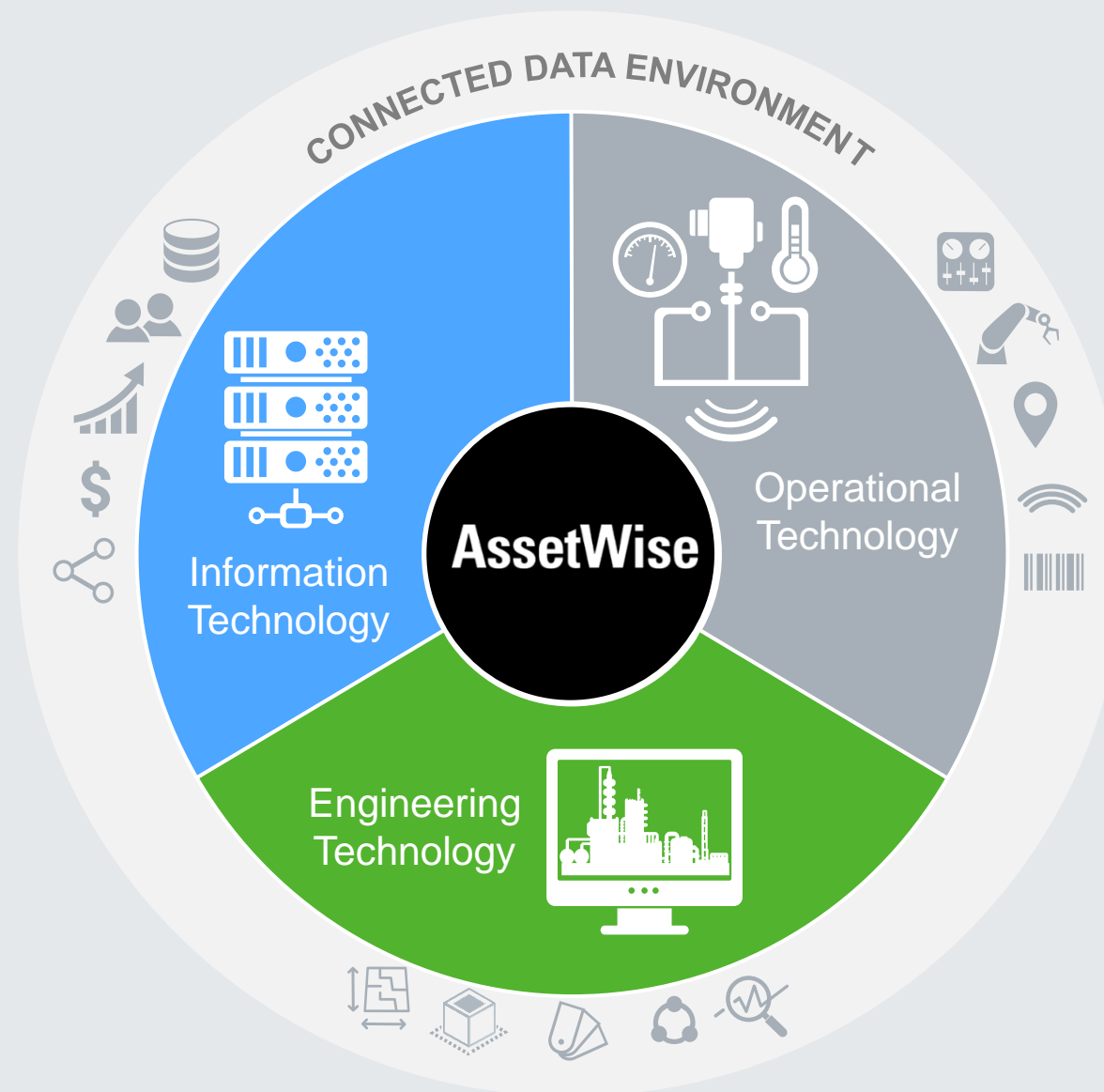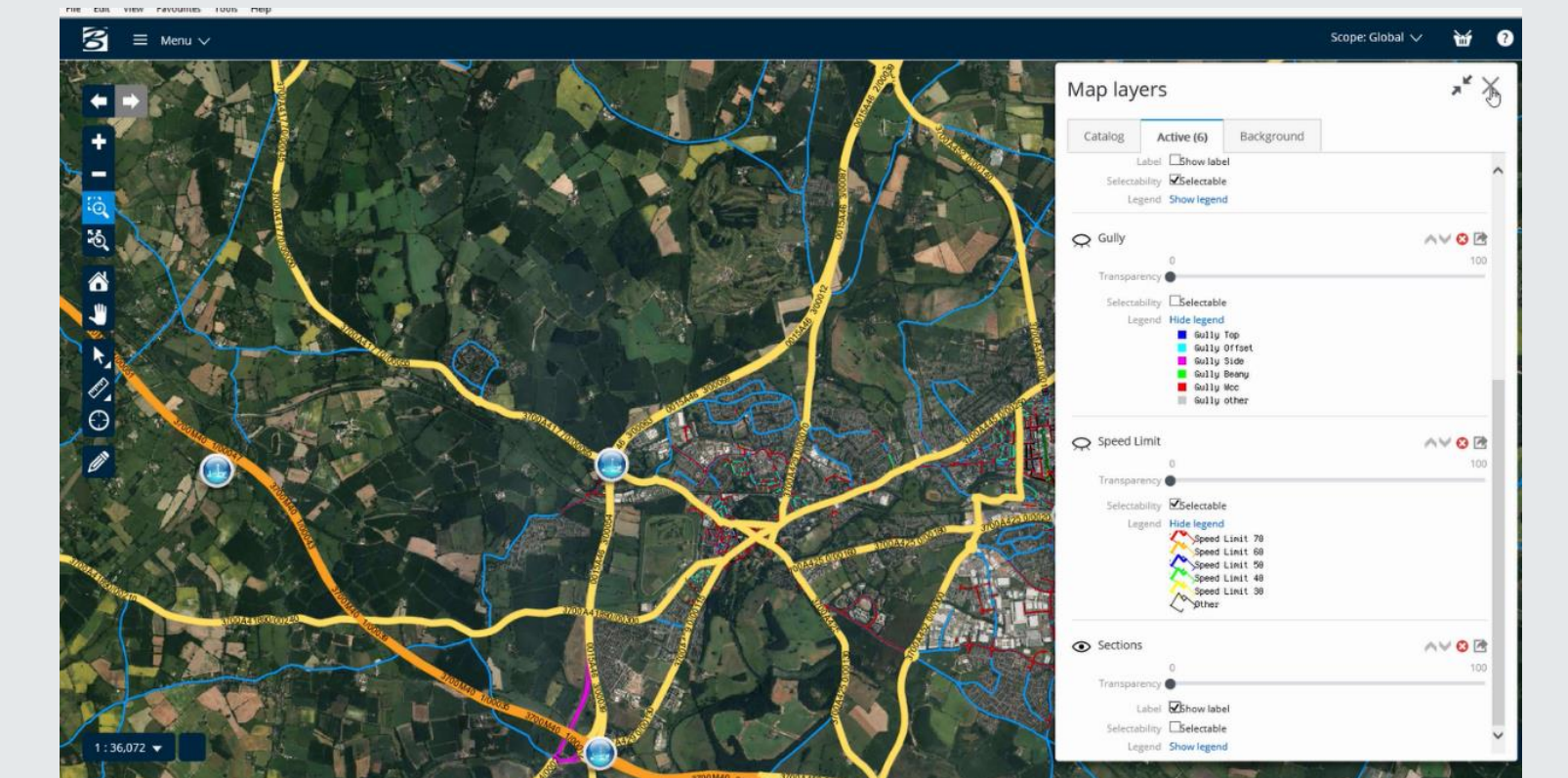
ASSET LIFECYCLE AND INFORMATION EXCHANGE

TRANSPORTATION INDUSTRY CHALLENGES

- Increased Safety Targets
- Regulatory Compliance
- Aging Infrastructure
- Managing Information Across Multiple Systems
- Limited Financial Resources

ASSET LIFECYCLE INFORMATION MANAGEMENT

AssetWise ALIM provides structured control of asset and related engineering information, improving overall accessibility, quality, integrity, and relevance of asset data across the asset lifecycle. Features include:

- ✓ Asset Registry and Tag Management
- ✓ Spatial and Linear Network Management
- ✓ Change Management
- ✓ Document Control
- ✓ Records Management
- ✓ Specification Services
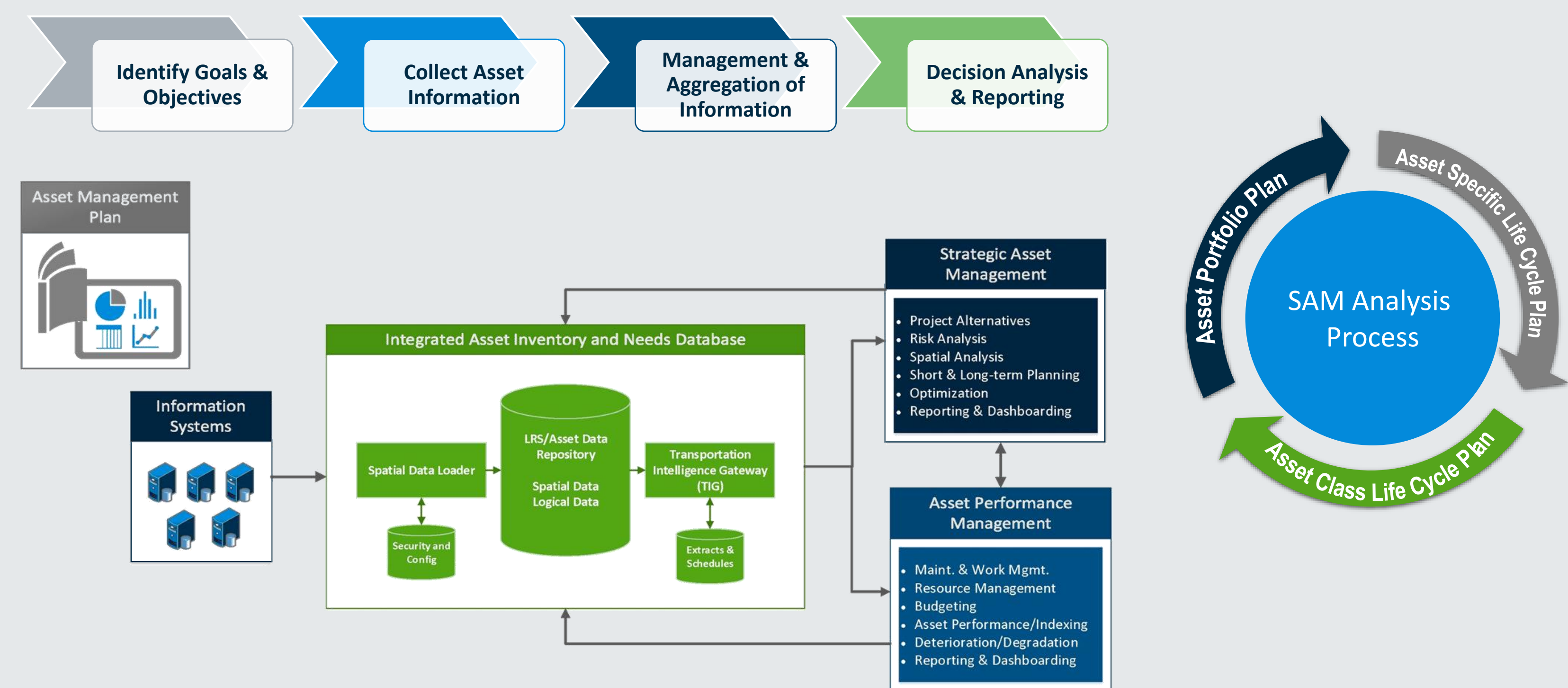- ✓ Data Quality and Handover
- ✓ Asset Work Tracking

BENEFITS OF SAM IMPLEMENTATION

- Managing the Organization — Align process, roles and responsibilities in the organization.
- Asset Management — Coordinated activity of an organization to realize value from assets
- Asset Management Plan — Set of processes, policies, and objectives and the methodology for achieving those objectives
- Asset Portfolio — Assets that are within the scope of the asset management plan

- ✓ Improving the **return on investments** and **reducing costs**. Preserving asset value while maintaining the short or long-term organizational objectives

- ✓ Enabling your organization to **improve its decision making** and effectively **balance costs, risks, opportunities and performance** (trade-offs)

- ✓ **Assuring the performance of assets** can lead to improved services that meet or exceed the expectations of customers and stakeholders

- ✓ **Reducing financial losses**, improving safety, minimizing environmental and social impact

- ✓ Transparently **conforming with legal and regulatory requirements**, as well as adhering to asset management standards, policies and processes

SAM FRAMEWORK, WORKFLOW, AND APPLICATION

Identify Goals & Objectives → Collect Asset Information → Management & Aggregation of Information → Decision Analysis & Reporting