

## Intelligent Data & Insights Services

As your business context and the suite of data management and insights technologies rapidly evolve, staying competitive demands embracing digitalization. This is ever more true with the recent advances of Al. Asset-centric organizations must harness high-quality, actionable data to adapt to such transformations to make smart, real-time decisions that drive business growth.

ReVisionz' Intelligent Data & Insights (ID&I) services offer the expertise and tools to turn your asset data into a strategic advantage. By integrating AI and advanced analytics, we enable organizations to streamline operations and unlock insights to improve operational performance and boost ROI across the board.

### **Common Challenges**

Navigating the complexities of asset data and information management is critical to maximizing the value and performance of asset management strategies.

#### Lack of Understanding

Asset data is often complex, spread across multiple systems and historically has been challenging to manage throughout the lifecycle of a facility. Understanding your data, its context and how it aligns with the actual conditions in your plant presents significant challenges. Addressing these issues requires specialized processes to uncover and identify the true nature of your data.

#### Poor Data Quality

Low-quality asset data hinders operational efficiency and decision-making. Without trustworthy data, facilities struggle to meet performance targets, causing downtime, compliance issues and higher costs. Equipping organizations with accurate, complete and usable data is key to optimizing facility performance and achieving business goals.

#### **Complex Data Migrations**

Migrating data from old systems to new asset information management solutions can be a daunting task. Without a seamless migration and quality assurance plan, organizations risk losing critical information or ending up with poor-quality data in their new systems.

#### **Disconnected Data Access**

Asset data is often housed across numerous systems making it difficult for teams to access actionable insights in a timely manner. This lack of integration results in inefficiencies, delays in decision-making, and a fragmented view of critical information needed to drive operations and performance.

#### Al Integration Challenges

Leveraging AI to optimize asset data is frequently hindered by inconsistent and poor-quality data. Without clean and structured information, AI systems struggle to generate meaningful insights. Organizations face significant challenges with incorporating AI tools effectively, which limits their ability to harness the full potential of machine learning and predictive analytics.

# Empowering Teams With Quality Data

ReVisionz specializes in transforming asset data into a catalyst for innovation and growth. With our expertise in Al and advanced analytics, we deliver powerful data solutions tailored to your unique business needs. By automating discovery and contextualizing information to the nature of your need as you manage your facilities, we empower your teams to make proactive decisions that drive operational excellence.

Our approach is built on a deep understanding of your industry's challenges so that we can provide data-driven solutions that align with your unique business goals. We partner with you to ensure that your data works more efficiently so your organization can thrive in an increasingly complex digital landscape.

#### **Change Enablement**

The success of your operations is directly tied to your teams being able to embrace excellence in understanding your data fully and rapidly.

ReVisionz integrates client-customized change enablement support into our ID&I services so your teams can effectively utilize real-time data and predictive insights. This approach ensures seamless adoption of new technologies and processes so you can maximize value from your data initiatives.

# **About**REVISIONZ

Pioneers in digital transformation programs since 2001, ReVisionz is the premier consulting and technology partner for owners/operators who want to enable an intelligent digital view of physical assets for decision-makers to unlock value and reduce safety, process and regulatory risk.

revisionz.com

## **Intelligent Data & Insights Services**



- AIM system data/document integration
- Rules-based
- Extract-Transform-Load
- Correct data to respective systems

**AIM Migration** Services

- Migration quality confirmation
- New/updated standards alignment
- New solutions alignment

- Integrated data hub
- Data provisioning for user business
- Portal for data under change
- Portal for data needing action

Data Contextualization

CAPEX/ MOC Data **Processing** Services

- Document control services
- Concurrent engineering collision
- Redline to as-built processing
- EPCM handover/RFO turnover data
- CAPEX to CMMS/reliability data loading

- Design specification/ops align
- CAPEX-OPEX-MM data framework
- Al-based procedures generation
- Al-enabled maintenance plans
- Asset failure prediction models

**Operations Data Services** with Al

## Your **Asset Data**



Correct



Understandable



Accessible



Contextualized



**Event-Focused** 

## **Enablement**

- Strategic consultation
- Al readiness assessment
- Use case ideation
- Business case & ROI
- Executable 3-5-year roadmap

#### Process optimization

- Materials management & logistics
- Maintenance planning
- Safety management
- Autonomous design/ops

Agentic Solutions Governance Change

- Data gov/mgmt. frameworks
- Data/Al governance structures/
- OCM & training

#### AI/ML unstructured data extracts:

- Tag/revision/titles/asset linkages
- Drawinas/tables/datasheets
- Poor quality scans/files
- Doc type identify/classify
- Source data consolidate/normalize

Data **Enablement** 

Data Quality **Management** 

- · Identification of bad actors
- Misalignment to standards
- Al-enabled data quality enrichment
- Quality KPI framework per business KPIs
- Data quality dashboards: CAPEX & Ops

Cognite

**Implement** Al **Solutions** 

OpenText Aviator