AssetWiz

Make the most of your Assets!

Implementation Services

Analytics, dashboard & Report

Third-party Integrations

Work order Management

Asset Information Management

Asset Team Management

Maintenance Management

Inventory Management

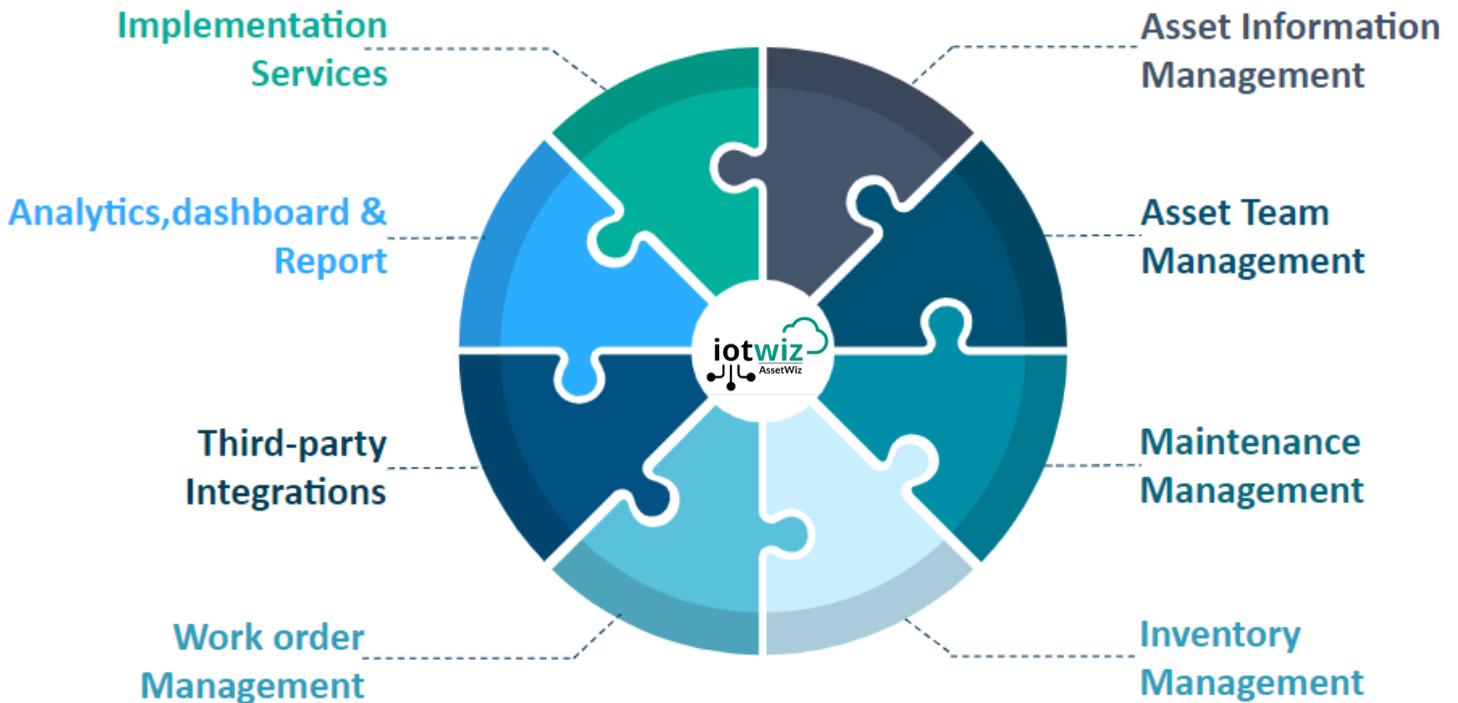iotwiz AssetWiz

AssetWiz is designed to maximize Asset Performance and optimize Asset Management and Operations & Maintenance (O&M) processes. It allows seamless data retrieval from any plant or storage facility, provides the asset owners, and operators access to performance analytics, custom dashboards, and machine learning tools

Asset Information Management

- **Connected Collaboration**: Connects asset information, empowers work teams, and promotes effective decision-making
- **Efficient Data Management**: Simplifies gathering, organizing, and linking asset data for consistent models, reducing search time
- **Insights and Accessibility**: Provides performance insights, anomaly detection, and secure web-based access for streamlined asset management

Asset Team Management

- **Collaborative Software Environment**: Connects Plant, Control Room, and Enterprise teams for real-time visibility and collaborative problem-solving
- **Swift Issue Resolution**: Customizable thresholds and asset configurations aid in quickly identifying and resolving abnormalities, ensuring optimal performance
- **Enhanced Control Room Operations**: AI and asset models improve control room response with automatic alerts and visualizations for pinpointing critical issues and ensuring constant supervision

Maintenance Management

- **Customized Maintenance**: Tailor maintenance strategies for different assets, eliminating under and over maintenance
- **Efficient Preventive Maintenance**: Automate scheduling and notifications for preventive tasks based on asset usage, time, or condition. QR code-based tags and comprehensive procedures streamline task execution
- **Performance Tracking and Analysis**: Monitor maintenance KPIs (e.g., downtime %, MTBF, OEE) and analyze root causes for incident logging and prevention, optimizing uptime, reliability, and costs

Inventory Management

- **Efficient Part Tracking**: Track part consumption in Work Orders, set thresholds to optimize inventory costs and reduce downtime
- **Seamless Purchasing**: Integrated purchasing system with vendors and ERP integration for streamlined purchase order initiation
- **Barcode Asset Management**: Associate unique barcodes with assets for easy information gathering and work order population. Access inventory counts and warranty details conveniently

Work Order Management

- **Centralized Work Orders**: Manage all work orders in one place for streamlined maintenance processes and increased efficiency
- **Easy Assignment and Visualization**: Assign tasks to technicians, view orders in list or calendar format, and apply filters for convenient tracking
- **Cost Optimization**: Analyze work order costs, track time, and make adjustments to optimize maintenance spend and improve time management
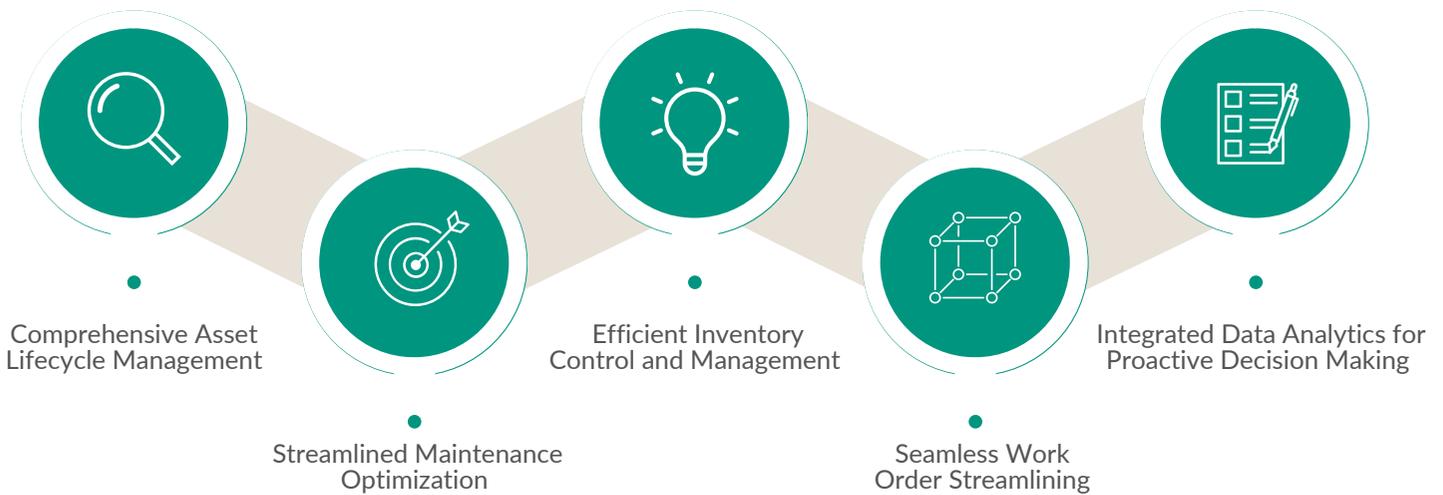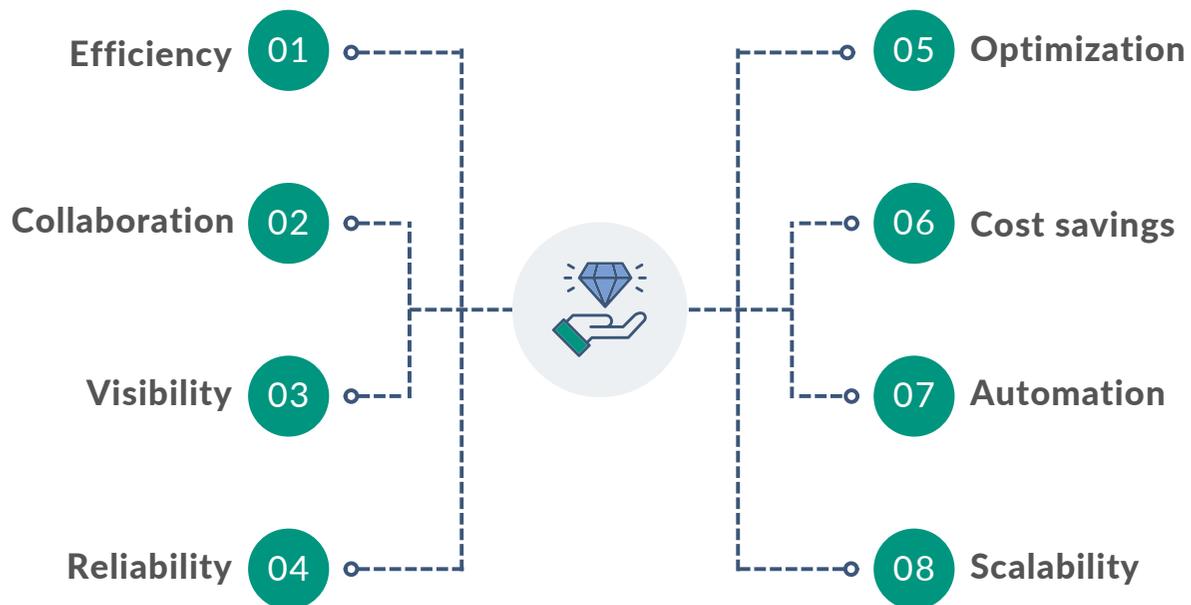
Third-Party Integrations

- **Plug-and-Play Integration**: Ready-made IoT connectors seamlessly integrate local SCADA and ERP systems with external platforms like weather forecasting, BI tools, cleaning robots, tracker systems, and plant SCADA
- **Protocol Compatibility**: The IoT connector supports key protocols including OPC-UA, OPC-DA, Modbus TCP/IP, RS485, SQL Server, FTP files, and HTTP API, ensuring smooth and efficient data transfer
- **Flexible Deployment**: Install the connectors on Windows/Linux systems for easy integration, offering flexibility and compatibility across various environments

Our Expertise

Comprehensive Asset Lifecycle Management

Streamlined Maintenance Optimization

Efficient Inventory Control and Management

Seamless Work Order Streamlining

Integrated Data Analytics for Proactive Decision Making

Benefits

Efficiency 01

Collaboration 02

Visibility 03

Reliability 04

05 **Optimization**

06 **Cost savings**

07 **Automation**

08 **Scalability**

Value Additions

Real-time insights for proactive actions

Enhanced Decision Making

Streamlined Operations

Simplified workflows and task management

Predictive and preventive strategies for optimized uptime

Data-driven Maintenance

Inventory Optimization

Minimize downtime and reduce inventory costs

Connect with existing systems for a comprehensive solution

Seamless Integrations