

# IBM Intelligent Asset Management

Put data and AI to work across your enterprise operations with intelligent asset management



## Highlights

Monitor and measure operations

Manage assets, infrastructure and resources

Improve product and service quality

Today's enterprises are faced with disruptions impacting their operations and core business performance. The ongoing pandemic, investor and client demand for sustainable operations, and a workforce in flux all contribute to the ongoing need for companies to be agile and adaptable as they grow and evolve.

Enterprise operations are built on a diverse range of operational and information technology data, and companies need to maximize the value derived from this information. But today, more than 2/3 of data goes unused due to the integration complexity, and the slow, labor-intensive processes required to make it consumable.<sup>1</sup> This results in sub-par operational performance and reliability issues, evidenced through downtime and defects.

IBM Intelligent Asset Management (IAM) puts data and AI to work to optimize critical asset performance and automate operations. IAM applies actionable insights to increase efficiency, extend asset lifecycles and reduce downtime and costs, all while building resiliency and sustainability into your business.

IAM provides the foundation for you to measure, manage, monitor and maintain your assets and operational strategy. This applies to physical assets, facilities, people and products. IAM is your platform for optimal collaboration, integration and analytical insights.

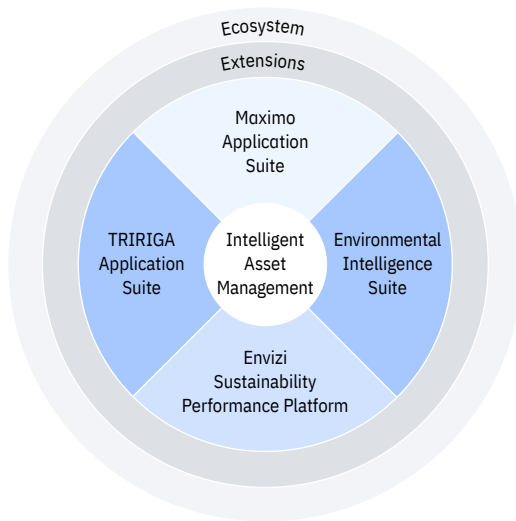


Figure 1. IAM architecture and related solutions.

### **Monitor and measure operations to get a comprehensive view of your assets at all times**

To help you better monitor and measure operations, intelligent asset management consolidates your data and combines it with control systems and sensors to deliver predictive operating awareness. You can optimize your asset monitoring and measurement strategies with AI-powered remote asset monitoring to instrument your operations and ensure a focus on the right alerts and triggers. Steer clear of downtime and defects with predictive maintenance and diagnostics, like asset criticality. Leverage AI assistants for facilities and technicians to help on-board them, guide them to the right resolution every time, and gather the data you need for accurate ESG reporting on your assets and operations.

### **Manage assets, infrastructure and resources to optimize and prioritize activities that improve your bottom line**

To help you manage assets, infrastructure and resources, we offer a complete set of capabilities that leverages best-in-class workflows integrated with enterprise systems to optimize uptime, output and costs. By leveraging best-practice capabilities you can optimize your asset management strategies and get your historical data under control. We also offer an end-to-end integrated workplace management system (IWMS) to help ensure you optimize one of your largest investments; your real estate portfolio. We can tap into a deep well of environmental intelligence, climate and geospatial data that helps you plan for mitigating disruption to your operations caused by climate and severe weather events. All of this is supported by a full range of industry solutions, so you can take best-practice approaches from the market and apply them to your business.

### **Improve product and service quality with AI and next generation technologies to ensure customer satisfaction and cost control**

As customer expectations continue to get higher, improving the product and service quality by managing the performance of your equipment, and the experiences of your employees and customers, pays real return. You can optimize your quality management strategies with AI and other innovative technologies to spot anomalies that impact operations and experiences. Apply AI-powered visual inspection that can even be deployed with standard mobile phones and offer computer vision inspection in weeks. Use space optimization technologies that help enhance your real estate portfolio, and design workspaces and customer experiences that engage and drive value. Take advantage of mobile workforce solutions that provide just-in-time data that drives day-to-day operations and helps them respond to challenges. Enhance worker safety in challenging and dangerous locations, as well as in day-to-day environments with IOT and AI-enabled solutions.

### **Conclusion**

Whether to enable more reliable industrial operations, optimize facilities, attract and empower the workforce of the future, or enhance overall quality — a holistic data and AI strategy will accelerate results. You can rely on the world's leading enterprise asset management platform with 30 years of market leadership to help you leverage a simple, secure data architecture with an open, extensible asset management platform that enables you to act on any data, on any cloud, anywhere.

### **Why IBM?**

With over a decade of Gartner Magic Quadrant leadership, **IBM Maximo**<sup>®</sup> provides the most trusted enterprise asset management solution on the planet. By using weather and geospatial data from the **IBM Environmental Intelligence Suite**, along with **IBM TRIRIGA**<sup>®</sup> and our market-leading IWMS, IBM has the capability to deliver the resilient, sustainable and intelligent asset management that today's market leadership requires. With an open platform and an extensive partner ecosystem across industries, we will put data and AI to work for you.

### **For more information**

To learn more about IBM Intelligent Asset Management, please contact your IBM representative or IBM Business Partner<sup>®</sup>, or visit [ibm.biz/intelligent-asset-management](https://ibm.biz/intelligent-asset-management).

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Produced in the  
United States of America  
July 2022

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1. Rethink Data: Put More of Your Business Data to Work—From Edge to Cloud, an IDC and Seagate Technology survey report, July 2020.

