Manufacturers are retreating for the era of smart operations

Smart manufacturing anticipated market growth

- USD 258.72 million in 2022
- USD 365.22 million in 2028

This includes the pursuit of zero defects and zero downtime (Zero D) manufacturing.

Zero D strategies reduce rework, improve quality, operational performance, and reliability in one system.

- Delivers AI- and IoT-driven solutions for enterprise asset management, asset performance management, and visual inspection
- Assists manufacturers advancing Zero D outcomes
- Empowers field technicians with an intuitive app that delivers asset history and operational data, coupled with an AI assistant to solve any challenge

The marriage of cloud and the Maximo Application Suite elevates 4 critical use cases:

- Asset performance management
- Visual inspection
- Predictive maintenance
- Sustainable operations

But the advancement of smart operations is not without challenges

One of the biggest issues is integration, according to IDC:

15% of global manufacturers use predictive maintenance technologies to reduce operational costs.

The Evolving Relationship Between OT and IT

By 2026, half of Global 2000 manufacturers will leverage product, performance, and quality data to provide real-time feedback for engineering and production decisions.

Integrations across industrial systems for operating performance (health) data and analysis require centralized model management and data management to apply the models where needed.

Operating data must connect with financial, human capital, resource planning, and environmental, social, and governance data to create the foundation required for Industry 4.0 environments to be frictionless, compliant, and meet the needs of customers and stakeholders.

This will improve new product introduction success rates by as much as 5%.

What’s the solution?

For a targeted asset management solution, consider the backdrop of public cloud, 4.0, asset lifecycle management, and the need for an AI- and IoT-driven approach.

IBM Maximo and AWS Cloud:

A powerful combination

IBM Maximo Application Suite (MAS), a full asset lifecycle management solution, is now available as a service on Amazon Web Services (AWS), enabling manufacturers to turbocharge performance across operations, maintenance, and reliability in one system.

Bridges the gap between IT and OT teams.
Delivers data-driven insights that can transform operations, minimize business risks, and create competitive advantage.

- Asset performance management
- Visual inspection
- Predictive maintenance
- Sustainable operations

Click here for more information on MAS SaaS.