

# Enhance the performance and reliability of your critical transportation assets with IBM Maximo for Transportation.



## Highlights

- Optimize asset performance as you help improve availability and lower the cost of acquisition, maintenance and disposal
- Improve efforts to comply with transportation industry regulations
- Consolidate multiple asset management systems for improved oversight of all transportation-related assets
- Leverage built-in industry best practices to improve asset productivity

Managing transportation assets has become increasingly complex due to advances in technology, changes in security, heightened competition and rising costs. Maximizing the availability and performance of assets is more critical to success than ever before.

Today, fleet managers and maintenance officers must make immediate and strategic decisions, requiring effective data analysis capabilities and reporting. They also need to get asset management information into the hands of maintenance technicians and storeroom personnel rapidly.

IBM Maximo® asset and service management solutions provide transportation organizations with best practices to help improve the productivity of their critical assets. IBM Maximo

for Transportation enables organizations to use advanced product capabilities to better support people, process and technology. This industry-specific solution helps manage critical aspects of each asset's life cycle, while providing key capabilities such as acquisition, automated alerts, campaigns, contract management, life-cycle accounting, labor certification, service level agreements, warranty and disposal.

Maximo for Transportation helps you address the stringent requirements of regulatory bodies, while also adhering to industry-standard coding structures for industries such as trucking, rail and aviation. Best practices are built into the solution to help you extend asset life, optimize spare parts management, reduce road calls and incidents, and increase planned maintenance. On

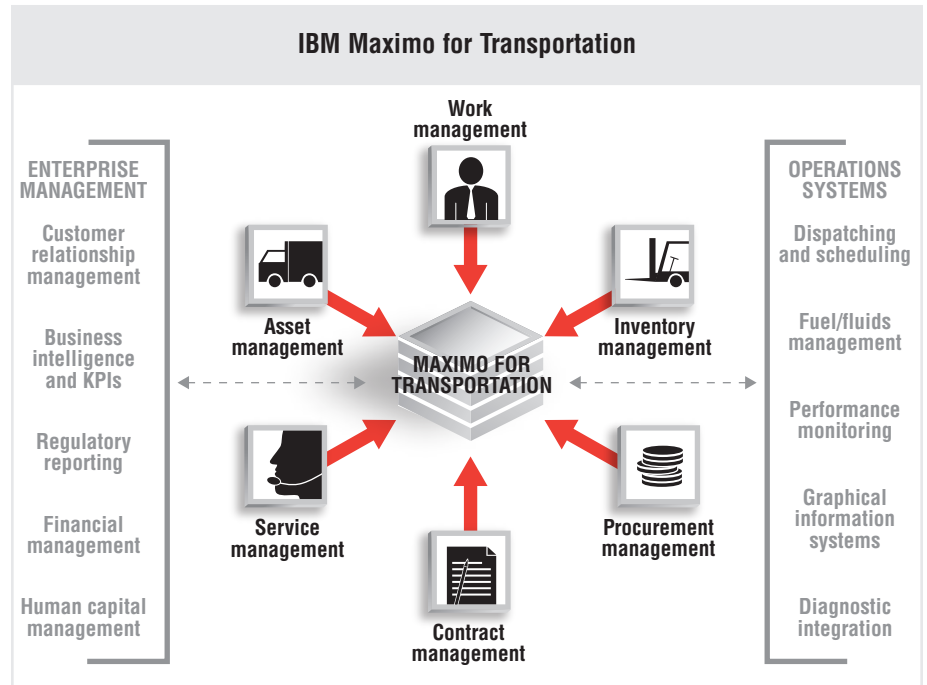
the ground, in the air or on the water, Maximo for Transportation is designed to help you fulfill your business needs.

**Manage every asset with a single approach**

Maximo software solutions and best practices have been used for more than 20 years by many organizations to track, manage and maintain their business-critical assets. With Maximo for Transportation, senior management can manage asset performance from a holistic perspective — which can help reduce costs — facilitate and automate common processes, and respond to tough challenges, including the following:

- Gaining greater visibility and better control of assets
- Achieving higher levels of asset performance through increased availability and reliability
- Improving accountability and utilization
- Facilitating regulatory compliance efforts
- Standardizing business processes
- Increasing business system consolidation
- Addressing complex supply chain demands
- Standardizing and sharing data
- Driving performance levels of service providers

Using Maximo for Transportation, organizations are better able to track and manage assets and their performance



levels critical to the overall performance of the organization. This includes:

- *Moving assets*, such as cars, trucks, buses, trains, vessels and aircraft.
- *Fixed assets*, including buildings, maintenance facilities and stations.
- *Linear assets*, such as railways and roadways.
- *IT assets*, ranging from mobile devices to servers.

Additionally, the enhanced capabilities of Maximo for Transportation help users implement a service-centric business

model that takes advantage of the IBM Service Management approach. This business model encourages partnerships between the maintenance organization and its internal customers. It broadly supports third-party service providers by tracking relevant activities and monitoring asset and service performance to agreed service levels.

Maximo for Transportation allows senior and operational management to view asset-related information and manage asset performance from a

single repository. When operational and maintenance managers control critical assets more closely, they help optimize:

- Uptime of critical revenue-generating assets.
- Costs of acquiring, maintaining and even disposing of assets.
- Shareholder value.

Consisting of six key management disciplines, Maximo for Transportation integrates with most business systems, helping users work in ways they are comfortable and productive.

#### **Utilize rich functionality to drive competitive advantage**

Maximo for Transportation offers rich functionality to help optimize your core transportation assets. Key features include:

- **Automated alerts**, to notify technicians that outstanding work is due on an asset, a preventive maintenance work order is due or a vehicle's warranty period is about to expire.
- **Campaign management**, which helps you manage recall notices, engineering changes or service bulletins for a group of assets.
- **Driver logs**, to record problems identified by drivers and provide follow-up.
- **Fuel records and tank monitoring**, to record fuel consumption, track consumption versus meter readings and provide statistical data.

- **Industry code support**, which helps you more consistently report information such as failures and repairs, and provides details to help you make industry comparisons.
- **Labor certifications**, to assign appropriately certified technicians to complete work orders and to help manage the recertification process.
- **Meter history and adjustments**, to record out-of-sequence meter readings, make meter adjustments to previous readings and track a component's meter history — even when it is moved from one parent asset to another.
- **Position codes**, to uniquely identify and track position-based parts for usage and warranty — such as tires, brakes or headlights — without a serial number.
- **Transportation reports and key performance indicators (KPIs)**, which can help you analyze trends and optimize productivity.
- **Vehicle data and specifications**, to provide key asset information that is configurable by asset type, such as repair location, meter input on work order or fuel type.
- **Warranty management and recovery**, which can make it simpler for you to track and manage individual warranty periods so that you can manage credit, replacement parts and discounts for appropriate items.

#### **Rely on a solution that can adapt to your organization**

No matter the size of your organization or the number of your sites, Maximo for Transportation helps you manage your unique business processes relating

to asset and service management with agility.

Built entirely on a Java™ 2 Enterprise Edition (J2EE™) component-based Internet architecture, Maximo for Transportation integrates more easily into most existing business systems. Its service oriented architecture (SOA) is truly open to better enable integration with enterprise resource planning (ERP), customer relationship management (CRM), performance monitoring, supply chain management (SCM) and many more applications. This exceptional level of flexibility helps you configure Maximo for Transportation around your key business requirements.

Additionally, the flexibility of the underlying technologies within Maximo for Transportation makes it easier to tailor without programming, allowing you to work the way you want to work and not be limited or constrained by the solution's capabilities. Its SOA also helps streamline the upgrading process, so you can avoid being locked in from one application release to another.

#### **Leverage the IBM commitment to the transportation industry**

IBM is committed to supporting the transportation industry in its realization of operational excellence. The company



actively works to understand the complex and evolving issues facing the industry through a variety of programs designed to shape the direction and details of Maximo for Transportation.

One such program is a transportation advisory council, which meets regularly and provides information that helps IBM take a strategic approach in assisting customers as they address pressing business, technical, economic and political concerns. To help develop a more well-rounded view of the industry, council members include IBM customers, independent consultants and academics. Their broad mix of knowledge gives IBM information and direction to support IBM responses to the present and future requirements of the industry.

Additionally, the Maximo for Transportation product team draws on the insights of a transportation development council comprised of customers and industry bodies that contribute to the design and review of IBM solutions. This program offers the industry a way to shape the direction

of a commercially available product and help verify that IBM solutions solve real business issues. It also furthers the spirit of communication and idea sharing that the transportation community has traditionally fostered.

The Maximo for Transportation product team also participates actively in the industry and standards asset management community to listen to and provide feedback on a broad range of topics.

More than 480 transportation organizations globally rely on Maximo solutions to help optimize their asset management organizations, decrease the amount of time it takes to schedule and assign work, monitor and manage their efforts to meet safety and quality requirements, and reduce administrative time.

#### **For more information**

To learn more about how Maximo for Transportation can deliver an approach to managing assets that helps drive performance and availability, contact your IBM representative or IBM Business Partner, or visit [www.mro.com](http://www.mro.com)

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