Tivoli® software

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IBM Maximo Asset Management Essentials

Highlights

- Leverage enterprise asset management capabilities in a package specifically designed for small and midsized organizations

- Organize, track and manage asset and work processes more effectively and efficiently, for improved productivity and service quality

- Optimize asset reliability and performance through proactive maintenance schedules based on industry-leading technology and best practices

- Reduce costs by streamlining inventory and procurement management functions

- Consolidate key asset and service management processes in one integrated solution

- Accommodate future growth with seamless scalability to Maximo Asset Management, helping to enhance long-term return on investment

Regardless of the size of your company, managing your critical assets is a vital business function—whether your assets include process equipment, lab, manufacturing, office or warehouse facilities. For many small and midsized organizations, asset management is often handled through tedious and error-prone manual processes, or automated through niche solutions that offer limited opportunities for flexibility and growth. Now IBM Maximo® Asset Management Essentials enables small and midsized companies to leverage an enterprise platform for asset and service management, providing the key capabilities that small and midsized companies need at a competitive price.

Maximo Asset Management Essentials gives smaller organizations—or departments within larger companies—the tools they can use to organize, track and manage their asset and work processes. Unlike competing solutions that are unable to grow with your organization, Maximo Asset Management Essentials is a long-term investment that offers seamless scalability. This enables your organization to implement a maintenance regimen based on industry-leading technology and best practices.

Measurable benefits for small and midsized companies

Maximo Asset Management Essentials is specifically designed to help small and midsized organizations manage their operational assets more efficiently and effectively, throughout the complete asset lifecycle. Maximo Asset Management Essentials can help you:

- Improve service quality by increasing asset reliability and reducing asset downtime.
- Facilitate asset-related decision making by providing a single repository for asset data.
- Increase return on investment by enabling proactive asset maintenance that can help extend asset life.
- Reduce costs by streamlining inventory and procurement management processes.
- Achieve new levels of workforce efficiency through improved resource management.
- Lower your operating costs by eliminating paper-based processes and enabling the consolidation of multiple systems.
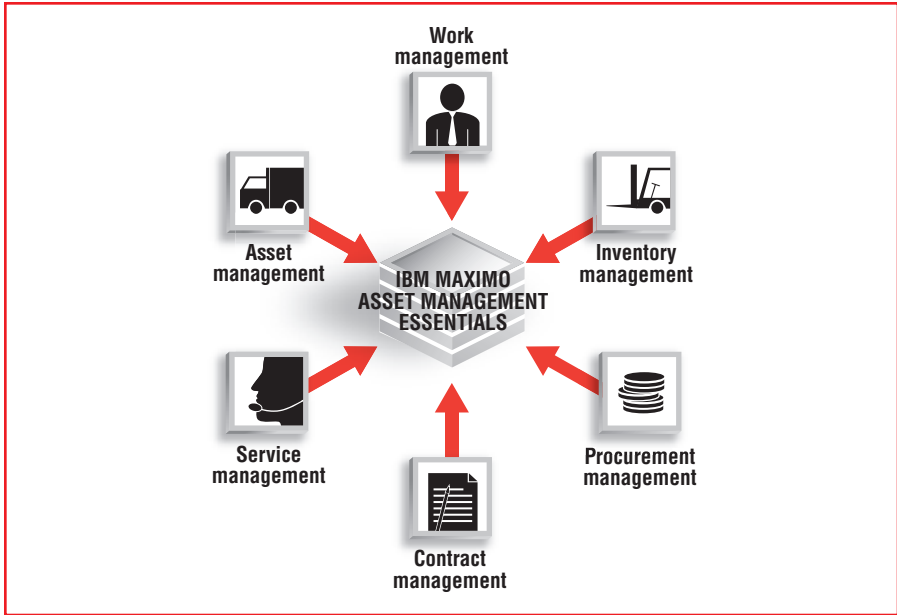
IBM Maximo Asset Management Essentials provides a single, unified platform that supports a wide range of asset and service management functions.

Comprehensive asset and service management

Maximo Asset Management Essentials is an integrated solution that brings together six key management processes in a single product: asset, work, service, contract, inventory, and procurement management. Together these applications leverage the industry-leading Maximo software architecture to help you capture critical asset and work data, and optimize your maintenance and service initiatives.

Asset management

The asset management capabilities within Maximo Asset Management Essentials can help you achieve the control you need in order to more efficiently track and manage asset and location data throughout the asset lifecycle. These capabilities enable proactive—rather than reactive—maintenance, which can help your organization maximize productivity, reduce unplanned downtime, and extend asset life, all of which can contribute to reduced costs and improved service quality.

Work management

The work management capabilities within Maximo Asset Management Essentials can help you manage both planned and unplanned maintenance activities, from initial work request and work order generation through completion and recording. Work planners can create job plans and preventative maintenance schedules, match job tasks to available resources, establish priorities, and track critical maintenance activities.

Service management

The service management capabilities within Maximo Asset Management Essentials can enable organizations to implement consistent service management processes, allowing end users to submit new service requests as well as to track and update open service requests. Ticket templates can help organizations standardize the service request process, while self-service options can help improve workforce efficiency.

IBM Maximo Asset Management Essentials applications

Asset Management	Work Management	Inventory Management	Procurement Management	Contract Management	Service Management
Locations	Work Order Tracking	Item Master	Request for Quotation	Purchase Contracts	Service Request
Asset	Quick Reporting	Storerooms	Receiving	Master Contracts	Self-Service
Failure Codes	Labor Reporting	Inventory	Purchase Requisitions	Warranty Contracts	• Create Request
Meters	Assignment Manager	Issues & Transfers	Invoices	Lease/Rental Contracts	• View Request
Meter Groups	Activities & Tasks	Condition Codes	Companies	Labor Rate Contracts	Ticket Templates
	Service Requests	Stocked Tools	Purchase Orders	Terms & Conditions	Activities & Tasks
	Job Plans	Tools	Terms & Conditions		
	Preventive Maintenance	Service Items			
	Master PM				

KPIs / Reporting / Analysis

Security & Administration

Service-Oriented Architecture Platform

IBM Maximo Asset Management Essentials brings together six key management applications that leverage the industry-leading Maximo software architecture.

Contract management

The contract management capabilities within Maximo Asset Management Essentials can provide organizations with enhanced control over vendor contracts. This integrated contract management system provides comprehensive support for purchase, lease, rental, warranty, labor rate and master contracts, and the terms and conditions capability allows you to more consistently apply standardized policies across the organization.

Inventory management

The inventory management capabilities within Maximo Asset Management Essentials can enable new levels of visibility into your asset-related inventory, providing details on parts and materials, service items, and tools. Real-time inventory tracking and reporting can help streamline inventory management processes, helping to decrease costs by eliminating excess or obsolete inventory, and helping inventory managers optimize inventory planning.

Procurement management

The procurement management capabilities within Maximo Asset Management Essentials support each phase of the procurement process, including direct purchasing and inventory replenishment. Procurement managers can leverage comprehensive requisition, quotation, vendor, purchase order and contract capabilities to help improve purchasing efficiency and lower sourcing costs.

Turning asset data into valuable information

Maximo Asset Management Essentials also provides key performance indicators (KPIs) and other reporting and analysis capabilities across all six management applications. KPIs can help you capture critical asset and service management data, display it in meaningful views, then leverage the information to enable improved decision making and to help optimize asset-related business processes.

Extending your investment

Maximo Asset Management Essentials offers several add-on options for extending the capabilities of your implementation, giving your organization additional opportunities to streamline processes, foster operating efficiencies and help reduce costs.

- Generic Maximo Enterprise Adapter allows you to integrate Maximo Asset Management Essentials with other applications for a more holistic view of your asset information. This tool supports integration scenarios typically found between Maximo Asset Management Essentials and other business systems, which can help simplify real-time data exchange between systems.
- Mobile Work Manager and Mobile Inventory Manager provide remote access to work and inventory data from Maximo Asset Management Essentials—whether connected or disconnected—helping mobile workers to complete more work, minimize nonproductive activities, and reduce paperwork and data entry.

- Microsoft Project Adapter enables bidirectional connectivity between Maximo Asset Management Essentials and Microsoft® Project, providing comprehensive access to work and resource data from Maximo Asset Management Essentials within Microsoft Project for scheduling and planning.

Seamless scalability

Part of the IBM Tivoli® software portfolio, Maximo Asset Management Essentials is designed to grow with your company. Maximo Asset Management Essentials is built on the industry-leading Maximo software platform, a standards-based, open, service-oriented architecture that integrates with modern technology infrastructures. Because of this foundation, upgrading to the full enterprise features of Maximo Asset Management is a seamless process, requiring no data loading or application migration. This effortless scalability helps protect your investment over the long term.

For more information

To learn more about how IBM Maximo Asset Management Essentials can equip your organization with the asset and service management capabilities you need, contact your IBM representative or IBM Business Partner, or visit **ibm.com**/tivoli/maximo

About Tivoli software from IBM

Tivoli software offers a service management platform for organizations to deliver quality service by providing visibility, control and automation—visibility to see and understand the workings of their business; control to effectively manage their business, minimize risk, and protect their brand; and automation to optimize their business, reduce the cost of operations and deliver new services more rapidly. Unlike IT-centric service management, Tivoli software delivers a common foundation for managing, integrating and aligning both business and technology requirements. Tivoli software is designed to quickly address an organization's most pressing service management needs and help proactively respond to changing business demands. The Tivoli portfolio is backed by world-class IBM Services, IBM Support and an active ecosystem of IBM Business Partners. Tivoli clients and Business Partners can also leverage each other's best practices by participating in independently run IBM Tivoli User Groups around the world—visit www.tivoli-ug.org

IBM Maximo Asset Management Essentials at a glance

Client workstation requirements:

Hardware

- Intel® Pentium®-based processor
- 512 MB RAM
- SVGA 1024 x 768 resolution

Software

- Microsoft Windows® 2000 or Microsoft Windows XP
- Microsoft Internet Explorer 6.0 browser
- Microsoft Internet Explorer 7 browser
- Adobe® Acrobat Reader 6.0

Administrative workstation requirements:

Hardware

- Intel Pentium-based processor
- 1 GB RAM
- SVGA 1024 x 768 resolution (1280 x 1024 if used for Application Designer)

Software

- Microsoft Windows 2000 or Windows XP
- Microsoft Internet Explorer 6.0 browser
- Microsoft Internet Explorer 7 browser
- Adobe Acrobat Reader 6.0

Application server requirements:

Hardware

- 2-4 dedicated, 800 MHz processors
- 2 GB RAM per processor
- 1.5 GB (or greater) disk space for Maximo and the Java™/Web Server components

Software

- Microsoft Windows 2000 Server
- Microsoft Windows Server 2003
- IBM AIX® 5.2 or 5.3
- Red Hat Enterprise Linux® 3 (x86 processor-based systems)
- HP-UX 11i or HP-UX 11i v2 (PA-RISC processor-based systems)
- Sun Solaris 9 or Sun Solaris 10 (SPARC processor-based systems
- IBM WebSphere® 6 (provided by IBM Corporation)

Note: Use the IBM WebSphere Fix Packs and Refresh Packs (supplied by IBM Corporation) to upgrade WebSphere 6.0.x to 6.0.2.17.

- BEA WebLogic Server 8 (provided by the customer)

Database server requirements:

Hardware

See vendor documentation for hardware specifications.

Software

- IBM DB2 Universal Database 8.2.7, Workgroup or Enterprise Edition, configured for TCP/IP support
- Oracle 9.2.0.6 or 10.2.0.2, Standard or Enterprise Edition
- Microsoft SQL Server 2000 SP4, Standard or Enterprise Edition
- Microsoft SQL Server 2005, Standard or Enterprise Edition

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