

JD EDWARDS WORLD PLANT AND EQUIPMENT MAINTENANCE MANAGEMENT



*Extend the product life
of your equipment.*

Minimize downtime.

*Maximize asset
productivity.*

The Issue: Planning for the Unplanned

Should a broken machine be repaired or replaced? When can preventive maintenance be scheduled to minimize interference with production schedules and project deadlines? Successful maintenance management can mean the difference between an efficiently run operation and one that's gridlocked by equipment failures. A piece of equipment standing idle waiting for a part, or one that injures an employee when it malfunctions, can cost thousands of dollars.

The Solution: Integrated Preventive Maintenance

To preserve employee safety and maximize asset productivity, JD Edwards World Plant and Equipment Maintenance Management integrates preventive maintenance with asset acquisition and tracking. You gain enterprise-wide visibility into all equipment details, including:

- Acquisition, depreciation, and warranty information.
- Current status and usage history.
- Budget and actual costs, including maintenance.
- External and internal billing rates.
- Problems and repair history.
- Preventive maintenance schedules based on usage thresholds you define.

Key Differentiators: Manage Assets as Required, When Required

Equipment management needs can change depending on facility, project, and production line. Plant and Equipment Maintenance Management provides a simple, integrated system that can be tailored to your needs—by machine and by project or line. The flexible equipment hierarchy allows you to establish relationships among your assets, from an entire facility down to a basic machine part. Based on the unique purpose of each asset at any given time, you can choose the tracking, maintenance, and accounting methods that best suit your needs.

You can automate preventive maintenance schedules based on thresholds you define. By using up to three unique categories per machine, you can create maintenance alerts by choosing from various usage measurements, including meter readings, hours used, miles driven, fuel used, specific dates, and time intervals. And, you can track critical maintenance planning dates, including warranty expirations, licensing renewals, and insurance coverage renewals.

To minimize downtime on the shop floor, you can integrate predictive maintenance with Requirements Planning to reserve capacity and ensure parts availability with system-generated work orders and purchase orders. You get the visibility you need

to schedule production around machine servicing.

Return on Investment: Increase Your Return on Assets

Equipment management can be costly, especially if you don't know what you're spending and when. By integrating maintenance with asset management, JD Edwards World Plant and Equipment Maintenance Management provides a complete view of your equipment-related expenditures. You are able to match project costs to revenues more accurately for proper allocation of equipment overheads, revenue recognition, and contract or service billing. You increase the life of your equipment with regular servicing. And, by monitoring maintenance records, you can target potential problem equipment for timely repair-or-replace decisions.

Feature/Function Highlights

- Integrated, enterprise-wide equipment master.
- User-defined equipment hierarchies.
- Multiple equipment definition categories.
- Equipment status/usage monitoring.
- Online location tracking and scheduling.
- User-defined equipment usage categories.
- User-defined preventive maintenance thresholds and automatic triggers.
- Automatic maintenance work order activation.
- Parts supply and location monitoring.
- Downtime analysis.
- Integrated capital project planning.
- Integrated project scheduling.
- Integrated requirements planning.
- Real-time financial status tracking.
- Online budget-to-actual data.
- Multilevel resource budget/actual drill down.

Solution Integration

- JD Edwards World Capital Asset Management
- JD Edwards World General Accounting
- JD Edwards World Project Costing
- JD Edwards World Product Data Management
- JD Edwards World Inventory Management
- JD Edwards World Procurement Management
- JD Edwards World Requirements Planning
- JD Edwards World Sales Order Management

- JD Edwards World Warehouse Management
- JD Edwards World Human Capital Management

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