

# JD EDWARDS ENTERPRISEONE PREVENTIVE MAINTENANCE



- Extend the productive life of your equipment
- Minimize downtime and maximize uptime of equipment
- Maximize asset productivity across your operations
- Increase collaboration between production and maintenance staffs
- Integrate preventive maintenance activities across your enterprise
- Support lean and demand-driven manufacturing lines to keep crucial equipment up and running
- Minimize unplanned downtime and production surprises from equipment breakdowns
- Monitor equipment performance
- Increase service levels
- Lower lead times

*To keep your operations running on schedule and on budget, preventive maintenance management has become an important part of your overall business strategy. You need to proactively manage your preventive maintenance activities efficiently and effectively by increasing collaboration between your production and maintenance resources, while optimizing the performance of your equipment. With the Preventive Maintenance module from JD Edwards EnterpriseOne you streamline and coordinate business processes associated with equipment and plant maintenance, and better utilize your expensive capital assets to support higher uptime rates with lower total operational costs.*

## **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 is gridlocked by equipment failures. A piece of equipment standing idle waiting for a part, or one that injures or kills an employee when it malfunctions can cost thousands of dollars and result in expensive litigation.

## **The Solution: Integrated Preventive Maintenance**

To preserve employee safety and maximize asset productivity, Oracle's JD Edwards EnterpriseOne Preventive Maintenance module 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, and,
- Preventive maintenance schedules based on usage thresholds you define.

## **Manage Expensive Assets as Required, When Required**

Equipment management needs can change depending on facility, project, and production line. JD Edwards EnterpriseOne Preventive Maintenance 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 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 JD Edwards EnterpriseOne 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.

### **Increase Your Return on Assets with Integrated Maintenance**

Equipment management can be costly, especially if you do not know what you are spending and when. By integrating maintenance with asset management, JD Edwards EnterpriseOne Preventive Maintenance 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
- 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 to actual drill down
- Automatic maintenance work order activation
- User-defined work order approvals

## Solution Integration

This module is designed to be integrated with these JD Edwards EnterpriseOne products and suites across your operations using common tools and a Pure Internet Architecture:

- **JD Edwards EnterpriseOne Capital Asset Management**
  - Conditioned Based Maintenance
  - Equipment Cost Analysis
  - Resource Assignments
  - Work Order Management
- **JD Edwards EnterpriseOne Project Management**
  - Project Costing
- **JD Edwards EnterpriseOne Financial Management**
  - General Ledger
  - Expense Management
  - Advanced Cost Accounting
- **JD Edwards EnterpriseOne Customer Relationship Management (CRM)**
  - Sales Order Management
- **JD Edwards EnterpriseOne Human Capital Management (HCM)**
- **JD Edwards EnterpriseOne Manufacturing**
  - Manufacturing – PDM
  - Inventory Management
  - Requirements Planning
- **JD Edwards EnterpriseOne Supply Chain Execution**
  - Transportation Management
  - Warehouse Management
- **JD Edwards EnterpriseOne Supply Management**
  - Procurement and Subcontracts Management

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