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JD Edwards EnterpriseOne Condition-Based Maintenance

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You need to run your assets at full capacity while keeping them in top condition. With continually collected information about each asset in your inventory you can maximize equipment productivity and minimize downtime from unplanned breakdowns. JD Edwards EnterpriseOne Condition Based Maintenance lets you fix equipment based on its condition and not a traditional maintenance schedule.

KEY FEATURES

- Extend equipment life
- Reduce maintenance costs
- Quickly identify and resolve equipment problems
- Condition-based testing, test routes, schedules and readings
- Alarm review and analysis
- Automatic maintenance work order processing
- Standard equipment monitoring device connectors
- Project management forecasting
- Global updating for project management schedules

KEY BENEFITS

- Avoiding equipment failures
- Condition-based monitoring and maintenance
- Identify problems early to optimize equipment usage
- Lower costs and improve your return on assets

The Issue: Avoiding Equipment Failures

Unplanned downtime can create a huge dent in a company's productivity and profitability. That's why it is so important to keep equipment in top working condition. Traditional maintenance programs are no longer sufficient— companies must be able to find and fix problems before they cause equipment breakdowns. In highly competitive markets, equipment needs to operate at full capacity. Doing so requires information, continually collected, about the condition of each asset.

The Solution: Condition-Based Monitoring and Maintenance

The next step forward in maintenance technology, Oracle's JD Edwards EnterpriseOne Condition Based Maintenance helps you make maintenance decisions based on the condition of your equipment. Rather than waiting to fix equipment until it's too late (such as after a failure) or basing maintenance on a set calendar- or usage-based schedule, you fix equipment only when needed. As a result, you are able to reduce maintenance costs, equipment downtime, and associated lost productivity.

JD Edwards EnterpriseOne Condition Based Maintenance uses information gathered about equipment through equipment monitoring devices. As equipment becomes increasingly complex, more manufacturers are providing monitoring devices to help companies manage and maintain their equipment. This real-time data is used to assess equipment conditions against predefined operating parameters. Should the data fall outside these parameters, a maintenance alert signals a problem or area of concern.

Identify Problems Early to Optimize Equipment Usage

Because JD Edwards EnterpriseOne Condition Based Maintenance continuously monitors your equipment for potential signs of failure, it is more likely to catch a problem than if you were to wait for regularly scheduled preventative maintenance. Also, you can set the parameters for each piece of monitored equipment yourself. This

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RELATED PRODUCTS

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

- JD Edwards EnterpriseOne Financial Management
- JD Edwards EnterpriseOne Human Capital Management
- JD Edwards EnterpriseOne Customer Relationship Management (Service)
- JD Edwards EnterpriseOne Capital Asset Management
- JD Edwards EnterpriseOne Supply Chain Execution (Logistics)
- JD Edwards EnterpriseOne Supply Management (Procurement)
- JD Edwards EnterpriseOne Manufacturing
- JD Edwards EnterpriseOne Project Management
- JD Edwards EnterpriseOne Mobile Enterprise Applications, including Condition-Based Maintenance Alerts

capability means that the software is as sensitive as you need it to be, and it can create alerts for even the tiniest variation in data that may suggest a problem.

You will automatically get the type of alert that makes the most sense for your organization. It can be a message sent by pager, email, or other messaging system to the appropriate technician or maintenance manager. Or, the system can automatically generate a work order that requests the inspection, repair, or replacement of the part that caused the maintenance alarm. No matter what type of alert you choose, you know immediately when you may be facing a potential problem and can address it quickly to prevent a failure.

Lower Costs and Improving Your Return on Assets

This type of early warning system for failures lets you perform maintenance only when your equipment needs it. By doing so, you not only keep equipment running smoothly, you also extend asset life. And, because you catch problems before they become critical, you are able to create maintenance plans that take into consideration production and/or operations needs. This planning allows you to maximize asset productivity with minimal disruption to business.

JD Edwards EnterpriseOne Condition Based Maintenance lets you improve the performance of your equipment and also decreases the need for equipment tear-downs and parts replacement. This reduction trims your maintenance, repair, and overhaul (MRO) inventory levels and associated carrying costs and you lower maintenance costs by performing work only when needed.

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