JD Edwards EnterpriseOne Resource Assignments

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KEY FEATURES

- Optimize resource utilization
- Assign the right resources to work orders
- Effectively manage resource workloads
- Visibility into resource competencies, capacities, and current assignments
- Integrated project management status updating
- Flexible reporting
- Updatable, detailed resource assignment screens
- Work order backlog and planning
- Crew availability, schedule management, work assignments, and rescheduling
- Completion and scheduling metrics
- UX One role-based pages for Maintenance Manager, Maintenance Supervisor, Field Service Manager, and Field Service Supervisor

Together with all of your equipment and other assets you have many employees assigned to asset maintenance. Every day you want to optimize the utilization of these skilled resources so that they are neither underutilized nor overutilized. With JD Edwards EnterpriseOne Resource Assignments, you can capture essential details about your crews and equipment to best match work orders with resources.

The Issue: Finding the Right Resources for the Right Jobs

Asset-intensive companies often have large numbers of employees and equipment. But without the appropriate management tools, these resources can become overutilized or underutilized, or they can even be assigned to jobs that are simply not in line with their capabilities. Maintenance and plant managers need a way to efficiently and effectively assign human and equipment resources to work orders. They must be able to match work order requirements to resource availability, skills, and locations. After resources are assigned, managers must also be able to monitor job status to ensure adequate capacity and timely completion.

The Solution: Optimized Resource Assignments

With Oracle's JD Edwards EnterpriseOne Resource Assignments, you are able to optimize resource utilization. The software captures essential details about crews, workers, and equipment—including capabilities and workday schedules—and uses that information to match resources with work order requirements.

JD Edwards EnterpriseOne Resource Assignments enables you to assign resources to work orders or specific work order instructions based on current skills, availability, assignments, and locations. Resources can be employees and contractors who are listed in your enterprise address book or equipment assets that are included in your equipment master.

Matching Crews to Maintenance Schedules

To simplify scheduling, JD Edwards EnterpriseOne Resource Assignments enables you to prepare weekly schedules at the crew or craft level before assigning individual daily resources. When preparing the schedule, the maintenance planner is able to take into consideration both demand and supply variables. Demand variables include upcoming preventive maintenance work orders, reactive work orders, an allowance for emergency work orders, and work orders scheduled during the previous planning period but not completed. Supply variables include capacity by craft or maintenance area, vacation

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and holidays, training schedules, material availability, and any special scheduling requirements.

When setting the realistic target of work, the crew's expected capacity to complete work is taken into consideration, as is the load assignment percentage that you define to allow for any unplanned events and breaks in work. Over time, this percentage load can be adjusted as processes and crew capabilities improve.

With crew scheduling and metrics, you can:

- Produce draft schedules based on the preventive maintenance forecast and previously scheduled work
- Set realistic targets of work for crews during each schedule period
- Measure schedule compliance by crew
- Easily adjust loads as crew capacity improves

The crew scheduling capability is fully integrated with the JD Edwards EnterpriseOne planning, preventive maintenance, and work order modules, so you can prepare schedules that ensure parts availability and minimize disruption to operations. Most importantly, you can make necessary changes to crews or loads without generating work orders.

Matching Individual Resources to Maintenance Tasks

Besides helping you to optimize capacity, JD Edwards EnterpriseOne Resource Assignments is designed to ensure that the right resource is assigned to the right job. This means that employees are doing work for which they are trained. You benefit as worker performance levels increase and the need for additional training decreases. At the same time, you are reducing the number of work-related injuries.

JD Edwards EnterpriseOne Resource Assignments also ensures that your equipment resources are doing what they are designed to do and that they are working at levels that do not push them beyond peak performance levels, causing potential problems.

With Resource Assignments, you define the available capacity of your resources by setting up a base calendar with available working hours. You can override regular work hours with holiday and personal time schedules so that you know exactly what resources are available, regardless of circumstance.

At any time, you can review resource assignment information to determine whether or not individual resources are working at full capacity. If some resources are underutilized while others are overutilized, you can make adjustments to balance the workload and facilitate timely work order completion.

JD Edwards EnterpriseOne Resource Assignments also lets you create reports on resource capacity and workloads that you can share with other team members. You can print a detailed list of the jobs and the hours assigned to a resource, or you can print a summary list of capacity and assigned workload for each of your resources.

Access to UX One role-based pages for your roles enables you to easily access, review, and act upon important information to optimize resource management, thereby ensuring adequate capacity and timely completion of jobs.

Revising Resource Assignments as Business Needs Change

FEATURE/FUNCTION HIGHLIGHTS

Crew scheduling

- Preventive maintenance projections
- Work order backlog and planning
- Crew availability
- Crew schedule management
- Schedule saving
- Work assignments
- Rescheduling
- Completion and scheduling metrics

Resource scheduling

- Resource data capture
- Built-in resource work hour calendar
- Resource assignments workbench
- Basic and advanced resource search capabilities
- Visibility into resource competencies, capacities, and current assignments
- Integrated project management status updating
- Flexible reporting
- Updatable, detailed resource assignment screens

After assignments have been made, you can still make changes as your requirements shift. Resource Assignments enables you to display all the current assignments for a particular task and update assignments to balance the load. You can add, update, or delete assigned resources, assignment hours and start and end dates, assignment percentages, and competency information.

Solution Integration

This module is designed to be integrated with the following JD Edwards EnterpriseOne products and suites 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 Management
- JD Edwards EnterpriseOne Capital Asset Management
- JD Edwards EnterpriseOne Project Management
- JD Edwards EnterpriseOne Supply Chain Execution (Logistics)
- JD Edwards EnterpriseOne Supply Management (Procurement)
    - Procurement and Subcontract Management
- JD Edwards EnterpriseOne Manufacturing

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