

# Plant Maintenance

## *Effectively plan, manage and execute asset maintenance and service activities*

Plant maintenance is an essential activity for manufacturers. Preventable equipment breakdowns cost companies in lost revenues, missed deliveries and upset customers. Unmanaged maintenance acts as a financial black hole that consumes time, materials, cash and other valuable resources. Manufacturers need a solution to help them plan, manage and execute maintenance and service activities as effectively as possible.

glovia.com Plant maintenance provides companies with comprehensive maintenance management capabilities. The solution enables companies to reduce maintenance costs and minimize the risk of expensive breakdowns by creating maintenance schedules and executing service requirements for equipment and machines. Plant Maintenance also provides comprehensive visibility into total maintenance costs, which limits excess spending and improves decision-making for new capital expenditures.

glovia.com Plant Maintenance provides important bottom line benefits, including:

- Reduced plant downtime and unexpected equipment breakdowns
- Prolonged asset life through preventative maintenance
- Lowered operating costs and capital expenditures
- Reduced spare parts and MRO inventory levels
- Improved control over preventative, planned and unplanned maintenance
- Improved access to critical service information



## *Asset Management*

When used in combination with glovia.com Fixed Assets module, Plant Maintenance makes it easy for companies to develop and maintain a comprehensive asset record for equipment and machines.

## *Time- or Usage-based Preventative Maintenance*

Plant Maintenance provides an advanced capability to define maintenance intervals for a machine or piece of plant equipment. The interval can be defined based on time, usage or a combination of the two. For example, a large press may require maintenance every 100,000 units produced while the press guards may require testing or service every 30 days for safety reasons.

## *Unplanned Maintenance*

In the event of unexpected machine breakdowns, users can easily create service orders for repairs. Plant Maintenance also allows users to enter details about the unplanned service for later reporting and analysis.

## *Definition and Creation of Service Orders*

Plant Maintenance provides users the opportunity to define all the materials and services required to maintain each asset. Through seamless integration with glovia.com Master Production Scheduling and glovia.com Material Requirements Planning, Plant Maintenance ensures that the materials required for maintenance activities are ordered and available for use.

Users can also define the activities to be performed during maintenance, including any special tools or equipment required to perform the service. Users can also attach documents, such as procedures, instructions, or technical diagrams, to provide maintenance personnel with additional information.

Further, Plant Maintenance provides improved control over service orders. Users can create service orders automatically, based on "lead times" of time, usage, or both.

## *Proactive Notification*

Plant Maintenance proactively notifies service personnel about maintenance activities using glovia.com ActionDESK objects. The system automatically informs users when assets are nearing their next maintenance interval and it prompts them to create service orders, take action on existing service orders, or warn them about past due service orders.

## *Full Cost Tracking*

Plant Maintenance also provides comprehensive cost tracking capabilities. By leveraging glovia.com's master location and accounting group codes, the module can track maintenance costs at any level or detail- from the entire company or individual plant to a specific line, department or machine.

The application automatically records the standard costs for services and materials consumed to provide a comprehensive financial history of each asset. Users can also record the actual cost of maintenance activities for even greater financial control.

## *Reporting and Analysis*

Plant Maintenance has powerful inquiry and reporting tools that give users visibility into service-related information including maintenance schedules, asset maintenance history, service costs, maintenance inventory levels, materials consumed, failure analysis and service personnel.

glovia.com Plant Maintenance provides advanced capabilities for manufacturers, including:

- Comprehensive service history records for all assets, including costs
- "Out of Service" flags for assets to prevent unnecessary service orders
- Automatic service history record updates for preventative maintenance activities
- Automatic or manual counter updates for usage-based service requirements
- Easy creation of specific or non-standard service items for unplanned maintenance
- Flexible viewing of planned service orders
- Monitoring of spare parts and MRO inventory as well as its disposition



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