



# EnterpriseIQ Preventative Maintenance

## Combining ERP and Equipment Management

### Maintain Tools and Equipment Easily and Efficiently

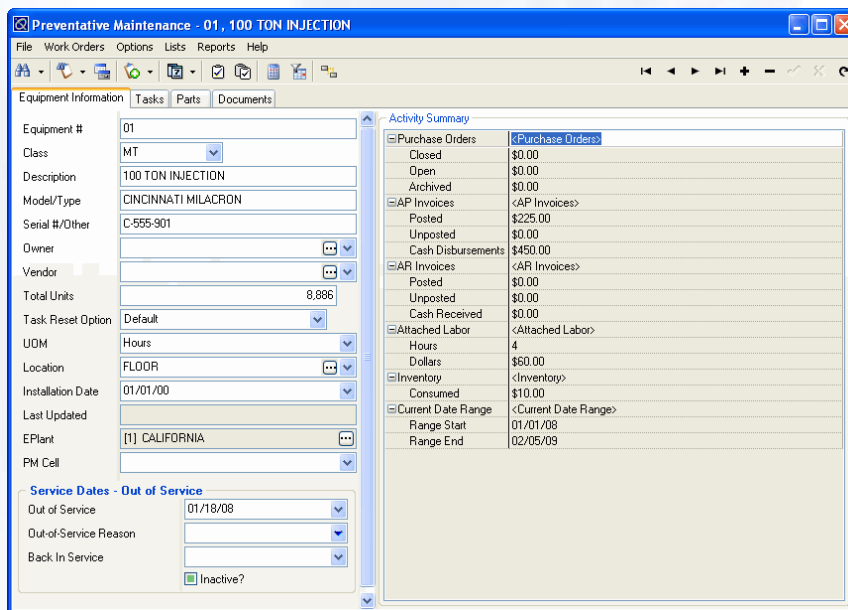
The EnterpriseIQ Preventative Maintenance (PM) module provides all the essential tools to implement a complete maintenance program. PM is designed to help protect your tools, machines, gages, devices and other equipment by automatically tracking usage and generating maintenance work orders. Maintenance labor scheduling capability allows for increased efficiency and reduced labor costs. Customizable tasks and templates make upkeep thorough, accurate and easy to maintain.

Designed cohesively within the EnterpriseIQ ERP, PM links to Scheduling, Project Manager, Purchasing, Inventory, SPC, Quality Management and the financial system (AR/AP and Fixed Assets). Maintenance tasks are assigned to the equipment along with a time or usage interval, associated worker skill levels and material inventory requirements—all tailored to your environment. Equipment usage is captured automatically and calculates when maintenance is required or can be created manually for emergency or other needs. Best of all, regardless of the origin type, time, inventory, and other related costs offer a complete maintenance history.

### BENEFITS

- Reduce equipment downtime through regular maintenance
- Reduce labor costs and increase efficiency by scheduling PM labor
- Lower expenditures by reducing last-minute and emergency repairs
- Increase shop floor scheduling visibility to show maintenance down-time or out-of-service equipment
- Enter maintenance work orders directly from shop floor
- Easily create a complete audit trail for maintenance
- Streamline reporting of labor, spare parts usage and costs
- Reduce administrative tasks by automatically generating and printing work orders
- Accurately provide up-to-date financial information on equipment

Track equipment, tools and other assets through the EnterpriseIQ Preventative Maintenance Module. Manage tasks, usage intervals and inventory or labor requirements.



**Preventative Maintenance - 01, 100 TON INJECTION**

File Work Orders Options Lists Reports Help

Equipment Information Tasks Parts Documents

Equipment # 01  
 Class MT  
 Description 100 TON INJECTION  
 Model/Type CINCINNATI MILACRON  
 Serial #/Other C-555-901  
 Owner  
 Vendor  
 Total Units 8,886  
 Task Reset Option Default  
 UOM Hours  
 Location FLOOR  
 Installation Date 01/01/00  
 Last Updated  
 EPlant [1] CALIFORNIA  
 PM Cell

**Service Dates - Out of Service**  
 Out of Service 01/18/08  
 Out-of-Service Reason  
 Back In Service  
 Inactive?

**Activity Summary**

Purchase Orders	<Purchase Order>
Closed	\$0.00
Open	\$0.00
Archived	\$0.00
AP Invoices	<AP Invoices>
Posted	\$225.00
Unposted	\$0.00
Cash Disbursements	\$450.00
AR Invoices	<AR Invoices>
Posted	\$0.00
Unposted	\$0.00
Cash Received	\$0.00
Attached Labor	<Attached Labor>
Hours	4
Dollars	\$60.00
Inventory	<Inventory>
Consumed	\$10.00
Current Date Range	<Current Date Range>
Range Start	01/01/08
Range End	02/05/09

*"The PM system has allowed our tooling repair department to know immediately when equipment is up for repair or needs emergency service, saving us many hours a week due to the quick response."*

**-Plastic Components, Inc.**

*"We use PM for everything from change over to all repairs on tools. Creating automatic entries off actual cycle counts makes it easy for us to know when maintenance is required."*

**-S&W Plastics**

# EnterpriseIQ Preventative Maintenance

## Key Features

**Record Equipment Information** – Maintenance items can be machines, tools, inserts, dies, auxiliary equipment, gages, calipers, devices and any other item or activity that needs regular maintenance or service. Maintenance intervals can be tracked by days, hours, or cycles.

**Track PM Task Details, Skills and Attached Inventory** – Each task contains unique information as it pertains to the equipment, including skills and spare parts required, time to complete, recommended maintenance intervals, drawings, schematics and other information.

**Automatically Generate Work Orders** – Work orders can be generated automatically based on machine, tool or equipment usage. Work order history is maintained to provide a complete maintenance audit trail.

**Schedule Work Orders/Take Equipment Out of Service** - Work orders can be scheduled as down time on specific machines. If equipment and tools are taken out of service, any and all departments can be notified that they are not available for production.

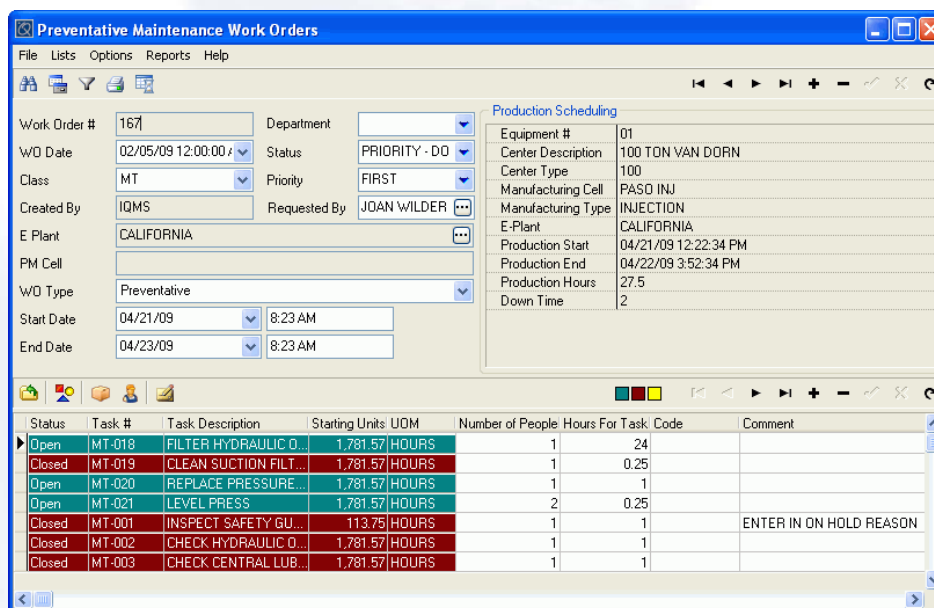
**Labor Scheduling** – Labor can be scheduled and planned by labor type based on PM cells and labor capacity.

**Track PM Costs** –Activity Summary provides a complete picture of cost activity against equipment, including purchase orders, AP/AR, labor consumed and material usage. Single click drill-down to the details is available.

**Where Used Capability** – Shows all bills of material and inventory items manufactured from machines, tools and auxiliary equipment to quickly identify which products may be affected by maintenance activities.

**Links to Quality Module** - Links to Corrective Actions, Engineering Change Orders and SPC for recording process information. Gage calibrations can also be tracked through PM.

Work orders can be automatically created based on equipment usage. As work order tasks are closed, labor used and materials consumed can be recorded to give accurate costs for maintenance activities.



Status	Task #	Task Description	Starting Units	UOM	Number of People	Hours For Task	Code	Comment
Open	MT-018	FILTER HYDRAULIC O...	1,781.57	HOURS	1	24		
Closed	MT-019	CLEAN SUCTION FILT...	1,781.57	HOURS	1	0.25		
Open	MT-020	REPLACE PRESSURE...	1,781.57	HOURS	1	1		
Open	MT-021	LEVEL PRESS	1,781.57	HOURS	2	0.25		
Closed	MT-001	INSPECT SAFETY GU...	113.75	HOURS	1	1		ENTER IN ON HOLD REASON
Closed	MT-002	CHECK HYDRAULIC O...	1,781.57	HOURS	1	1		
Closed	MT-003	CHECK CENTRAL LUB...	1,781.57	HOURS	1	1		