

# PMTracker: Preventive Maintenance Tracker

Powerful Tools for Better Performance



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## Introduction

PMTracker is a comprehensive system for the management of your plant's equipment assets:

- **equipment**: equipment inventory, maintenance schedules, run times, manufactures, and distributors;
- work orders: preventative maintenance, informational, and breakdown; and
- parts inventory: quantities, order requests, requisitions, and suppliers.

The system consists of a software package used on a networked PC and a distributed application. This PC allows the plant supervisors to manage all aspects of preventative maintenance, repairs, maintenance personnel, parts inventory, and work orders. Maintenance personnel can interface with the PMTracker system using a mobile device and the PMTracker App. From this mobile device they can view, comment on, and close work orders. They can also view available inventory and make purchase requests.





## Log Into PMTracker

Your installers created accounts and provided each authorized user of PMTracker with their login ID and password. You need this information to access PMTracker. If you do not have this information either contact your supervisor or contact Softrol support (see "Support: Get Additional Help" on page 59).

- 1. Click Windows Start> All Programs.
- 2. Locate the *PMTracker* folder in the application folders and open the folder.
- 3. Locate the PMTracker.exe file and double-click.
- 4. Enter your **User Name** and **Password**.
- 5. Click **OK**.

Settings
Equipment Maintenance
PMTracker Version 2.0.17
Copyright (c) 2014, Softrol Systems Inc
SOFTROL
User Name: mdean
Password:
OK Cancel

Figure 2. PMTracker login.

This opens the PMTracker application. The application opens to the *PMTracker EasyPath* dialog (see Figure 3). If Easy-Path did not open, you can find it under the **View** menu option. The EasyPath dialog allows you to quickly access the most frequently used portions of PMTracker.



Figure 3. PMTracker EasyPath

## Data Entry: Setting up PMTracker

The Data Entry portion of the PMTracker menu allows you to manage the information needed for PMTracker. The data entered and maintained through these settings allows you to manage your preventive maintenance schedules and tasks, work orders, and parts inventory. When you select the Data Entry option from the PMTracker EasyPath PMTracker gives you the following data entry options:

- Manufactures
- Customers
- Distributors
- Repair Parts
- Employees
- Equipment Types
- Maintenance Types
- Service Types

The following sections take you through setting up and maintaining each data entry task using the PMTracker Workstation PC. When setting up your data, think about the logical progression. First you need a manufacturer, a supplier, a model, a unit, and then parts.

## **Manage Manufacturers**

PMTracker can help you manage information about the manufacturers of your equipment and parts. You can add and modify manufacturer information using the **Manufacturers** dialog (see Figure 4). To access the dialog, click **A Data Entry Task>Manufactures** from *PMTracker Easypath*.

Copy	X
American Laundy Machinery, Inc. G.A. Braun, Inc.	Code Name
	New Delete Print Save Dancel Exit

Figure 4. Manufactures dialog.

#### Add a New Manufacturer

To add a new manufacturer:

- 1. Open the *Manufacturers* dialog (EasyPath>A data entry task>Manufacturers).
- 2. Click the **New** button (see Figure 4) to open a blank form (see Figure 5).
- 3. Add a manufacturer code in the **Code** field (required). You can use up to 10 alphanumeric characters.

🐂 Manufacturers	
Options Copy	Code Name Contact Info Mailing Notes Phone: Fax: URL: Contacts
	New Delete Brint Save <b>Cancel</b> Exit

Figure 5. Manufactures New Manufacturer.

- 4. Add a Name (required).
- 5. Using the Contact Info tab, add the optional contact information.
- 6. Using the **Mailing** tab, add a mailing address (required).
- 7. Add additional information on the Notes tab (optional).
- 8. Click Save.

#### Add Contacts to a Manufacture

Beyond the basic manufacturer contact information you can add specific contacts for the manufacture.

- 1. Open the Manufacturers dialog (EasyPath>A data entry task>Manufacturers).
- 2. Select a manufacturer in the *Manufacturers* dialog (see Figure 6).
- 3. Click the Contacts button on the Contact Info tab to open the Manufacturer Contacts dialog (see Figure 7).

Options Copy  American Laundty Machinety, Inc. G.A. Braun, Inc. NewMont/Schures	Code New1 Name NewManufacturer Contact Info Mailing Notes Phone: Fax: Email: URL: Contacts
Successful	New Delete Dint Save Cancel Egit

Figure 6. Manufactures dialog.

- 4. Click New on the Manufacture Contacts dialog (see Figure 7).
- 5. Give the contact a Name (see Figure 8).
- 6. Add Contact Info: Phone, Fax, Email (all optional).
- 7. Add address information on the Mailing tab (required).
- 8. Add a note on the Notes tab (optional).
- 9. Click Save.
- 10. Click Exit.

	Code Name	New1	NewManufa	cturer	C Active	_

Figure 7. Manufactures Contacts dialog.

🖷, Manufacturer Contacts for NewManufactu	rer		
Options Copy			
	Code New1 Name John Smi Contact Inio 1 Phone: Fax Emait	1aiing   Notes   [(555) 555-5555 [(666) 666-6666 ]ismith@newmanufactum	
	Fax Email	(666) 666-6666 jismith@newmanufactum	

Figure 8. Manufacturer Contacts dialog creating a new contact.

#### **Modify a Manufacturer or their Contacts**

You can modify a manufacturer's contact information and the contacts for that manufacturer. To modify a manufacturer:

- 1. Open the Manufacturers dialog (EasyPath>A data entry task>Manufacturers).
- 2. Select the manufacturer in the list on the left of the Manufacturer dialog.
- 3. Modify any of the information except the manufacturer code.
- 4. Use the Contacts button to access the Manufacturer Contacts dialog to edit or add a new contact.
- 5. Click Save when satisfied with your changes.
- 6. Click Exit.

#### **Delete a Manufacture Contact**

PM Tracker does not allow you to delete a contact, but you may switch the contact to inactive.

- 1. Open the contacts for the manufacturer.
- 2. Click the box to next to Active to clear the box.
- 3. Click Save.

You may change them back to active by selecting **Inactive** in the **Options**>**Show** menu (see Figure 9). Locate the contact in the list on the left, and click the **Active** checkbox. Save your changes.

Manufacturer Contacts for NewManufact  Options Copy  Show Active Inactive	Code New1 NewManufacturer Active Name John Smith Contact Info Mailing Notes
Options Copy	Phone:         [555] 555-5555           Fax:         [666] 666-6666           Email:         jsmith@newmanufacturer.com
Show Active Inactive	
Figure 9. Customer Contacts Options menu.	New Delete Print Save Dancel Exit

### **Manage Distributors**

PMTracker maintains distributor information for your equipment and parts. You can add and modify distributor information using the *Suppliers* dialog (see Figure 10). To access the dialog open **EasyPath>A data entry task>Distributors**.

🐂 Suppliers						_ 🗆 🗙
Suppliers Options Copy  American Machinery ELX XYZ Supply	Code Name				C Active	
	New	Delete	Print	Save	Cancel	Exit

Figure 10. Suppliers dialog.

#### Add a New Distributor

To add a new distributor:

- 1. Open the *Suppliers* dialog (EasyPath>A data entry task>Distributors).
- 2. Click the **New** button to open a blank form\* (see Figure 11).
- 3. Add a unique distributor code in the Code field (required). You can use up to 10 alphanumeric characters.
- 4. Add a Name (required).
- 5. Add the contact information on the **Contact Info** tab (not required)
- 6. Add the mailing address on the **Mailing** tab (required).
- 7. Add notes on the **Notes** tab (not required)
- 8. Click Save.
- \* Select a distributor in the list, and click **Copy** on the dialog menu to copy the distributor's information to a new distributor.

#### Modify a Distributor

You can modify a distributor's information. To modify a distributor:

- 1. Open the *Suppliers* dialog (EasyPath>A data entry task>Distributors).
- 2. Select the distributor in the list on the left side of the *Distributors* dialog (filter on active or inactive distributors using the **Options** menu).
- 3. Modify any of the information except the distributor's **Code**.
- 4. Use the **Contacts** button to access the distributor's contacts dialog to view, edit, or add a new contact.
- 5. Use the **Active** check box to change the active status of a distributer.
- 6. Click **Save** when satisfied with your changes.
- 7. Click Exit.

🖷 Suppliers	
©ptions Copy American Machinery ELX	Code Active Name Contact Info Mailing Notes Phone: Fax: Email: URL:
	Contacts <u>N</u> ew <u>D</u> elete <u>Print</u> <u>S</u> ave <u>Cancel</u> <u>Ey</u> it
Successful	01

Figure 11. Suppliers dialog blank after clicking New.

#### Add a New Distributor Contact

Once saved, you can add specific contacts for the distributor.

- 1. Open the *Suppliers* dialog (EasyPath>A data entry task>Distributors).
- 2. Select a distributor in the *Suppliers* dialog (see Figure 12).
- 3. Click the **Contacts** button on the **Contact Info** tab.

🐂 Suppliers		
Suppliers Options Copy		Active Machinery faling Notes 555-319-3452 555-319-3451 Bob@alm.com http://www.alm.com
Successful	New Dele	Contacts

Figure 12. Suppliers dialog.

4. Click New on the Suppliers Contacts dialog (see Figure 13). This makes the contact information tabs visible.



Figure 13. Suppliers Contacts dialog.

- 5. Complete the Name field.
- 6. Add Contact Info: Phone, Fax, Email (all optional).
- 7. Add address information on the Mailing tab (required).
- 8. Add a note on the **Notes** tab (optional).
- 9. Click Save.
- 10. Click Exit.

···Jane Doe	Code 01 American Machinery 🔽 Active
	Contact Info Mailing Notes Phone: 555-555-5555 Fax: 555-5556 Email: idoe@AMec.com
	New Delete Brint <b>Save Cancel</b> Exit

Figure 14. Suppliers Contacts dialog.

#### **Delete a Distributor Contact**

PM Tracker does not allow you to delete a contact. You can edit the contact in the *Contacts* dialog and switch it to inactive by removing the check from the **Active** checkbox. Once you deactivate the contact and click save, the contact no longer appears in the contacts list. You can change them back to active by selecting **Inactive** in the **Options>View** menu (see Figure 15). Select them in the list on the left, check the **Active** checkbox, and click save.

Supplier Contacts For American Ma Options Copy Show  Active Inactive	Code New1 NewManufacturer Active Name John Smith Contact Info Mailing Notes
Options Copy	Phone:         [555] 555 5555           Fax:         [666] 666 6666           Email:         jsmith@newmanufacturer.com
Inactive	New Delete Drink Save Cancel Egit

Figure 15. Suppliers Contacts dialog: Toggling between active and inactive contacts.

## **Managing Parts**

The **Repair Parts** option under **EasyPath>A data entry task>Repair Parts** allows you to add, delete, and modify parts. You can also submit purchase requests from the *Repair Parts* dialog.

Show Active Repair Parts Find	Code:	C Active	
Category C Equipment	Name:	L Acove	
Electrical     Mechanical     Eubricants     Expendable Supplies			
- Other			
		New Delete Brint	

Figure 16. Repair Parts dialog.

#### Add a New Part

To add a new part:

- 1. Open the *Repair Parts* dialog (EasyPath>A data entry task>Repair Parts).
- 2. Click either **New** or copy an existing part by selecting it in the list to the left and then clicking **Copy** (see Figure 17).

Show Active Repair Parts Find	Code: Automatic Code Gen	veration
Categoy C Equipment ielect Electrical Mechanical Eucloicants Expendable Supplies Other	Name:     Inventory Status     Inventory History       Description     Inventory Status     Inventory History       Manufacture:	

*Figure 17. Repair Parts* dialog blank form for new part.

- 3. Enter a part **Code**. You can use your own code (25 alphanumeric characters or less), or you can have the system generate a unique code for you by clicking the **Automatic Code Generation** check box.
- 4. Enter a part **Name**.
- 5. Use the selection box's 🔊 to set the **Category, Manufacturer**, Equipment (**Part For**), **Supplier**, and **Alternate Supplier**.
- 6. Open the **Inventory Status** tab (see Figure 18).

Code: Automatic Code Generation			
Description Inventory Status Inventory History Motor/Starter Data			
Warehouse Qty: 4 Request Purchase			
On Order Qty: 0			
Re-order Point: 2			
Replacement Box Qty: 1			
Lead Time: Two Weeks			
Reorder Qty: 6 Last Order Qty: 6			
Unit Price: 14.99 Maik-up: 0 %			
Unit Charge: 0.00			

Figure 18. Repair Parts dialog Inventory Status tab.

- 7. Set **Warehouse Quantity** to the current inventory count.
- 8. Set the **On Order Quantity** to the number currently on order (if any).
- 9. Set the **Reorder Point** to the minimum number needed in inventory prior to ordering more.
- 10. Set the **Replacement Box Quantity** to the standard order or case quantity.
- 11. Set the **Lead Time** to the time required to receive the part into inventory.
- 12. Set the **Reorder Quantity** to the number of items/cases for each reorder to bring inventory back to the desired level.
- 13. Set the Unit Price, Last Order Quantity, and Mark-up (if you service external customers).
- 14. Record historical data about the part (if any) on the **Inventory History** tab.
- 15. Use the Motor/Starter Data tab (for electrical parts only) to record information specific to those part types.
- 16. Click Save.
- 17. Click Exit.

#### Modify the Repair Part Information and Inventory

You can modify the information for any part by:

- 1. Open the *Repair Parts* dialog (EasyPath>A data entry task>Repair Parts).
- 2. Click to highlight the part you would like to modify in the **Select** list on the left.
- 3. Make your changes.
- 4. Click Save.
- 5. Click Exit.

#### Delete a Repair Part (Deactivate)

You can also "delete" the part. Deleting a part in PMTracker doesn't actually remove it from the system; instead. the system changes its status to "inactive." The inactive status prevents it from showing up as a selection option, but it keeps the part in the system to maintain data integrity.

- 1. Open the Repair Parts dialog (EasyPath>A data entry task>Repair Parts).
- 2. Click to highlight the part you would like to delete in the list on the left.
- 3. Click **Delete**.
- 4. Click **Yes** in the confirmation dialog.

#### **Reactivate a Repair Part**

When you change a repair part's status to inactive (delete it), you can change the status back to active making it available for reorder and adding to work orders.

- 1. Open the *Repair Parts* dialog (EasyPath>A data entry task>Repair Parts).
- 2. Clear the check box next to Show Active Repair Parts.
- 3. The **Select** list now only shows inactive parts.
- 4. Locate the part you wish to activate.
- 5. Click the **Active** check box next to the part code number.
- 6. Click Save.

#### **Assign Parts to Equipment**

When creating work orders, you have an option to see only parts associated with the piece of equipment or all parts. You can make these associations when adding the new parts if the equipment model exists in the system. Otherwise, you can wait and make the association later. To make these part associations, you use the *Repair Parts* dialog.

From the *EasyPath* menu:

- 1. Click EasyPath>A data entry task>Repair Parts to open the Repair Parts dialog.
- 2. Select the part you wish to associate with the equipment model by clicking.
- 3. Click the selection button to the right of the Part For text field to open the Selection dialog.
- 4. Locate the equipment model in the list and click Select.
- 5. Click Save.



Figure 19. Repair Parts dialog.

## **Manage Customers**

Internal or external, one or many, you need to maintain information about your customers. You can add and modify customer information using the **Customers** dialog (see Figure 20). To access the dialog open **EasyPath>A data entry task>Customers**.



Figure 20. Customers dialog.

#### Add a New Customer

To add a new customer:

- 1. Open the *Customers* dialog (EasyPath>A data entry task>Customers).
- 2. Click the **New** button to open a blank form (see Figure 20).
- 3. Add a customer code in the **Code** field (required). You can use up to 10 alphanumeric characters (see Figure 21 on page 17).
- 4. Add a Name (required).
- 5. Add the mailing address on the Mailing tab (required).
- 6. Add the **Billing** and **Delivery** information (optional).
- 7. Select the customer **Types** by clicking to select or deselect types in the list. You can assign multiple types to each customer (not required).
- 8. Click Save.
- 9. Click Exit.

#### Modify a Customer

You can modify a customer's information. To modify a customer:

- 1. Open the *Customers* dialog (EasyPath>A data entry task>Customers).
- 2. Select the customer in the list on the left side of the *Customers* dialog. You can filter the list using the **Options** menu above the list.
- 3. Modify any of the information except the customer **Code**.
- 4. Use the **Contacts** button to access the *Customer Contacts* dialog to edit or add a new contact.
- 5. Use the **Active** check box to change the active status of a customer.
- 6. Click **Save** when satisfied with your changes.
- 7. Click Exit.



Figure 21. Customers dialog blank form for a new customer.

#### Add a Customer Contact

Once saved, you can add specific contacts for the customer.

- 1. Open the *Customers* dialog (EasyPath>A data entry task>Customers).
- 2. Select a customer in the *Customers* dialog (see Figure 20).
- 3. Click the **Contacts** button on the **Contact Info** tab.
- 4. Click **New** on the *Customers Contacts* dialog (see Figure 22).
- 5. Give the contact a **Name**.
- 6. Add Contact Info: Phone, Fax, Email (all optional).
- 7. Add address information on the **Mailing** tab (required).
- 8. Add a note on the **Notes** tab (optional).
- 9. Click Save.
- 10. Click Exit.



Figure 22. Customer Contacts dialog.

## **Managing Employees**

You can use PMTracker to maintain information about your employees. Although you may not use all the features of the Employee management portion of PMTracker, you need to add each employee that uses the application. Access the *Employee Maintenance* dialog by clicking **EasyPath>A data entry task> Employees** from PMTracker *EasyPath*.

#### Add a New Employee

To add a new employee:

- 1. Open the *Employee Maintenance* dialog (EasyPath>A data entry task>Employees).
- 2. Click the **New** button on the *Employee Maintenance* dialog to open a blank form (see Figure 23).
- 3. Complete the **First** and **Last Name** fields (required).
- 4. Include a value for **Social Security Number** (required). If your plant chooses not to use PMTracker to maintain employee data complete the field with a value such as "n/a."

🖷, Employee Maintenance		
Options       C     Type     C     Dept     C     Name       Smith, Tech 1	Code:       EMP0002       Image: Active         Name       ,         Personnel       Employment       Contact       Address       Notes         First Name:       Jane	
	New Delete Print Save Cancel Egit	

*Figure 23.* Employee Maintenance, Personnel tab.

- 5. Click the **Employment** tab.
- 6. Provide a **Title** (required).
- 7. Click the **solution** next to **Employee Type** and select an employee type(required). You can also create new employee types using the **New** button on the **Employee Type** dialog.
- 8. Click the **see** button next to **Department Code** and select a Department. You can also create new departments using the **New** button.
- 9. Click the **Contact** tab and complete the contact information.
- 10. Click the **Address** tab and complete the information (required).
- 11. Click Save when you have completed the fields.

#### Modify an Employee Record

- 1. Open the Employee Maintenance dialog by clicking EasyPath>A data entry task> Employees.
- 2. Select an employee from the list on the left.
- 3. Modify any of the employee data except the Employee Code.
- 4. Click Save when finished.
- 5. Click Exit.

#### Delete an Employee Record (Deactivate)

You can't delete an employee from the system, but you can deactivate them.

- 1. Open the Employee Maintenance dialog by clicking EasyPath>A data entry task> Employees.
- 2. Select an employee from the list on the left.
- 3. Click the check box next to **Active** to deselect it. Checked means the employee is currently employed and available for assignment to work orders.
- 4. Click save.

#### **Viewing Inactive Employee Records**

To view or reactivate an inactive employee record:

- 1. Open the *Employees* dialog (EasyPath>A data entry task>Employees).
- 2. Click Options>Show>Inactive in the menu in the top left (see Figure 24).



*Figure 24. Employee Maintenance* dialog: Toggling between active and inactive employee views.

## **Manage Equipment Types**

Each piece of equipment belongs to an equipment type; e.g., tunnel washers and pocket washers both belong to the equipment type, "Washer." Organize equipment into categories that makes sense for your plant or customer. You can access the *Equipment Type* dialog by clicking **EasyPath>A data entry task> Equipment Types**.

#### Add an Equipment Type

To add an equipment type:

- 1. Open the Equipment Types dialog by clicking EasyPath>A data entry task> Equipment Types.
- 2. Click **New** on the *Equipment Types* dialog (see Figure 25).
- 3. Enter a unique equipment **Code**.
- 4. Enter an equipment **Description**.
- 5. Click Save.

elect Item		EQUIPMENT_TYPES
Description Dryer Isoner Rail System Washer	Code Dryee Ironer Rail Washer	Code: Description: New Delete Cancel Save Exit

Figure 25. Equipment Types dialog.

#### Modify an Equipment Type

To modify an equipment type:

- 1. Open the *Equipment Types* dialog by clicking **EasyPath>A data entry task> Equipment Types**.
- 2. Select the type on the *Equipment Types* dialog.
- 3. Modify the equipment **Description**.
- 4. Click Save.

#### **Delete an Equipment Type**

You cannot delete an equipment type.

## Manage Maintenance Types

PM Tracker divides the different types of maintenance into groups. Keeping the types specific to skilled tasks such as electrical and plumbing allows you to make better choices when assigning employees to work orders. You can access the *Maintenance Types* dialog by clicking **EasyPath>A data entry task> Maintenance Types**.

#### Add a Maintenance Type

To add a maintenance type:

- 1. Open the *Maintenance Types* dialog by clicking **EasyPath>A data entry task> Maintenance Types**.
- 2. Click **New** on the *Maintenance Types* dialog (see Figure 26).
- 3. Enter a unique maintenance type **Code**.
- 4. Enter a maintenance type **Description**.
- 5. Click Save.

elect Item		MAINTENANCE_TYPES
Description Electrical Lubrication Mechanical Dther Plumbing and Steam	Code elec lub mech other Plum	Code: Description: New Delete Cancel Save Ex

Figure 26. Maintenance Types dialog.

#### Modify a Maintenance Type

To modify an equipment type:

- 1. Open the *Maintenance Types* dialog by clicking **EasyPath>A data entry task> Maintenance Types**.
- 2. Select the type on the *Maintenance Types* dialog.
- 3. Modify the maintenance type **Description**.
- 4. Click Save.

#### Delete a Maintenance Type

You can not delete a maintenance type.

## **Manage Service Types**

The maintenance types places tasks into general categories; the service type further refines the action required by the employee. Service types include actions such as replace, tighten, lubricate, and repair. You can access the *Service Types* dialog by clicking **Service Types** under **Data Entry** using *PMTracker EasyPath*.

#### Add a Service Type

To add a Service type:

- 1. Open the *Service Types* dialog by clicking **EasyPath>A data entry task> Service Types**.
- 2. Click **New** on the *Service Types* dialog (see Figure 27).
- 3. Enter a unique service type **Code**.
- 4. Enter a service type **Description**.
- 5. Click Save.

Update		2
Select Item Description Adjust Clean Exchange	Code ad cl ex ck	Service_TYPES Code: Description:
Inspect Lubricate Repai Replace Tighten	ск gr ro rp ti	
ccessful		New Delete Cancel Save Exit

Figure 27. Maintenance Types dialog.

#### Modify an Service Type

To modify an equipment type:

- 1. Open the *Service Types* dialog by clicking **EasyPath>A data entry task>Service Types**.
- 2. Select the type on the *Service Types* dialog.
- 3. Modify the service type **Description**.
- 4. Click Save.

#### **Delete a Service Type**

You can not delete a service type.

## **Working with Equipment**

The *Equipment* section of PMTracker allows you to maintain the information about each specific piece of equipment. The *Equipment* dialog allows you to add and remove equipment, and manage the equipment's maintenance task, maintenance schedules, and track equipment run times. To access the *Equipment* dialog: Click **Work with Equipment** in PMTracker *EasyPath* to access the *Equipment* dialog (see Figure 28). The list on the left sorts your equipment based on the model. You can also filter the equipment by customer.

🖯 Equipment	×
View All Equipment     View Equipment Belonging To:     Current Customer:	
Equipment     ⊕-B Jensen 2000	
⊕-E Washex 400	
New Model New Unit	

Figure 28. Equipment dialog.

## Add a New Model

Each piece of equipment needs added to the system, but first you need to add the equipment's model. The model, is typically the manufacturer or the brand coupled with the model name; e.g., Honda Civic or Jensen 2000.

- 1. Click **EasyPath>Work with Equipment** in the *PMTracker* menu to access the *Equipment* dialog (see Figure 28).
- 2. Click New Model on the Equipment dialog.
- 3. Enter a name for the new equipment model (see Figure 29).
- 4. Click Save.

🐂, New Equipme	nt Model	
New equipment m	odel name:	
Copy from an	existing model:	
Code	Name	
EQ0010000 EQ0010001	Jensen 2000 Washex 400	
1		<b>&gt;</b>
	OK Cancel	

Figure 29. New Equipment Model dialog.

## Add a New Unit

You may have only one or many pieces of equipment in each model. You need to choose a unique identifying name for each piece of equipment. You might use the serial number, tag number, or a simple name such as Washer1. Establishing a convention and sticking to it will help avoid confusion. To add a new unit:

- 1. Click **EasyPath>Work with Equipment** in the *PMTracker* menu to access the Equipment dialog.
- 2. Click **New Unit** on the *Equipment* dialog (see Figure 28).
- 3. Give the new unit a name (see Figure 30).
- 4. Select a model by clicking it in the model list.
- 5. Click **OK**. You have added a new piece of equipment.
- 6. Complete any additional information about the equipment on the **Equipment** tab (see Figure 31)
- 7. Click Save.

🗟 New Unit	×
What do you want to name this new unit?	
μ	
Select the model for the new unit: Jensen 2000	
Washex 400	
OK. Cancel	

Figure 30. New Unit dialog.

🖥 Equipment	X
<ul> <li>✓ View All Equipment</li> <li>✓ View Equipment Belonging To:</li> <li>Current Customer:</li> <li>✓</li> <li>✓<!--</th--><th>Equipment PM Schedule Runtimes Extra Unit Name: Washer 2 Custome: Self V Model: Jensen 2000 V Location: Serial Numbe: Install Date: 8 /19/2014 V Purchase Price: 0 Total Runtime: 0 Last Maintenance: 8/19/2014</th></li></ul>	Equipment PM Schedule Runtimes Extra Unit Name: Washer 2 Custome: Self V Model: Jensen 2000 V Location: Serial Numbe: Install Date: 8 /19/2014 V Purchase Price: 0 Total Runtime: 0 Last Maintenance: 8/19/2014
New Model New Unit	Delete Save Exit

Figure 31. Equipment dialog Equipment tab.

## Add a Preventive Maintenance Task

You can add preventive maintenance tasks to an individual piece of equipment, or you can add preventative maintenance tasks to all the units with the same model type.

- 1. Click EasyPath>Work with Equipment in the PMTracker menu to access the Equipment dialog.
- 2. Select a piece of equipment or a equipment model in the equipment list on the left.
- 3. Click the PM Schedule tab (see Figure 32).

🗄 Equipment	×
View All Equipment     View Equipment Belonging To:     Current Customer:       Equipment	Preventative Maintenance Task: Code Task EPM0010009 New task
⊖-E Jensen 2000 □ J <sub>3</sub> Washer 1 □ J <sub>3</sub> Washer 2 ⊡ E Washer 400 □ J <sub>3</sub> Dryer 12	Service Type: Clean ¥ Maintenance Type: Lubrication ¥
	Frequency: 0 Hours Frequency Type: C Based on Estimated Run Times C Based on Actual Run Times Benchmark: 1 Hours
	Description: New task
New Model New Unit	Print New PM Delete Sove Exit

Figure 32. Equipment dialog PM Schedule tab.

- 4. Click the New PM button. PMTracker creates a task with the name "New task."
- 5. Define the "New Task." Click to select the new task in the **Preventative Maintenance Tasks** selection box, if it isn't already selected.
- 6. Give the task a **Service Type** and a **Maintenance Type**. If you need a service or maintenance type that isn't in the list you will need to define them see "Add a Service Type" on page 23 or "Add a Maintenance Type" on page 22.
- 7. Add the Frequency (in runtime hours) that the task needs completed.
- 8. Select the Frequency Type (The "Based on actual run times" option isn't available on all equipment).
- 9. Set the **Benchmark**. The benchmark is the expected labor hours the task will take in decimal format. For example use 0.5 for a half hour.
- 10. Enter a short **Description**. This value also becomes the PM Task's name. You can enter up to 256 characters and spaces.
- 11. Click Save.
- 12. Continue adding tasks until you have entered all of the preventive maintenance tasks for the piece of equipment or model type.

### **Set Equipment Run Times**

PMTracker needs to know the typical weekly run time for most pieces of equipment. This allows PMTracker to calculate when to issue a preventive maintenance work order. To set the daily run times:

1. Click EasyPath>Work with Equipment to access the Equipment dialog.

3 Equipment	
<ul> <li>View All Equipment</li> <li>Current Customer:</li> <li>▼</li> <li>■ Equipment</li> <li>■ Jensen 2000</li> <li>■ Washer 1</li> <li>■ Washer 2</li> <li>■ Washer 400</li> <li>■ J Dryer 12</li> </ul>	Equip tale Runtimes Extra Enter the normal daily runtimes for this equipment: Monday: Hours Set All Tuesday: Hours Wednesday: Hours Thursday: Hours Saturday: Hours Saturday: Hours Sunday: Hours
New Model New Unit	Save Exit

Figure 33. Equipment dialog Runtimes tab.

- 2. Select a piece of equipment in the equipment list on the left.
- 3. Click the Runtimes tab (see Figure 33).
- 4. Enter the daily run times in whole hours.
- 5. Click "Save."

## **Adjust Equipment Runtime**

Things happen that affect equipment run times; e.g., the plant needs to run into overtime, or a piece of equipment is down for a period of time. Whatever the reason, you need to adjust the equipment's run times in PMTracker so that preventative maintenance schedules reflect the changes in equipment use. To adjust equipment run times:

- 1. Click click EasyPath>Work with Equipment in the PMTracker menu to access the Equipment dialog.
- 2. Select a piece of equipment in the list on the left.
- 3. Click the Extra tab (see Figure 34).
- 4. Click New.
- 5. Select the Date.
- 6. Select either Extra or Downtime hours.
- 7. Enter any Comments (100 character limit).
- 8. Click Save.



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Figure 34. Equipment dialog Extra tab.

## Modify an Equipment Model or Unit

You can modify any of the equipment information except the model code. To modify a model or unit:

- 1. Click **EasyPath>Work with Equipment** to access the Equipment dialog.
- 2. Select a piece of equipment or model in the list on the left.
- 3. Navigate through the tabs to make your needed changes.
- 4. Click Save.

## **Delete an Equipment Unit**

You may have the need to delete equipment when the plant retires or upgrades it. To delete a piece of equipment:

- 1. Click **EasyPath>Work with Equipment** to access the Equipment dialog.
- 2. Select a piece of equipment in the equipment list on the left.
- 3. Click Delete.
- 4. Click **Yes** in the confirmation dialog.

## **Delete an Equipment Model**

You may need to delete equipment models when the plant retires or upgrades all of the units. Delete all of the model's unit's then delete the equipment model:

- 1. Click **EasyPath>Work with Equipment** to access the *Equipment* dialog.
- 2. Select a piece of equipment in the equipment list on the left.
- 3. Click Delete.
- 4. Click **Yes** in the confirmation dialog.

## **Work with Work Orders**

The work order is at the core of PMTracker. PMTracker, once set up, will generate preventive maintenance work orders based on actual and estimated runtime of the tracked equipment. You can also generate informational and breakdown work orders as needed.

### **Opening New Work Orders**

You have two options for creating work orders: generated or manual.

#### **Generating Preventive Work Orders**

Start each day by generating the preventive work orders.

- 1. Open PMTracker
- 2. Select Tools> Work Order Generator.
- 3. Click **Start** (see Figure 35).

PMTracker generates a record of the generation process that you can then print or save as a text file. Select **Quiet Mode** under the **Options** menu for a less detailed record. Once the generator finishes, you can manage the work orders using the desk top application or using the mobile application.

Ark Order Generation Run: Wednesday Aug 20 2014 sing Database: PM_Tracker a Server: a Server: at Time: 4:12:51 PM etrieving list of equipment anning equipment for scheduled maintenance IECKING: Washer 1 for Customer Code: 01. Current Runtime: 489	Automated Work Order Genera	tion			_ [0]
ing Database: PM_Tracker Server: Server: A Ser	e Options Help				
ing Database: PM_Tracker Server: Server: A Ser	(ark Order Constation Pumi ) (advased	Aura 20 2014			
n Server: n Server: ith Driver: SQL Server art Time: 4:12:51 PM strieving list of equipment canning equipment for scheduled maintenance HECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Tasks for Washer 1 PM Task EPM0010000 already open on WO: WD0010000 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010009 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010009 WO Open Runtime: 0	voik older dieneration nun, wednesd	ay Aug 20 2014			
art Time: 4:12:51 PM etrieving list of equipment anning equipment for scheduled maintenance HECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Tasks for Washer 1 PM Task EPM0010000 already open on W0: W00010000 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010003 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010004 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010004 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010004 W0 Open Runtime: 0	Jsing Database: PM_Tracker				<b></b>
art Time: 4:12:51 PM etrieving list of equipment anning equipment for scheduled maintenance IECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Task EPM0010000 already open on WO: W00010000 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: W00010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: W00010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: W00010009 WO Open Runtime: 0					
art Time: 4:12:51 PM etrieving list of equipment anning equipment for scheduled maintenance IECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Tasks For Washer 1 PM Task EPM0010000 already open on W0: W00010000 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010003 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010004 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010009 W0 Open Runtime: 0					
etrieving list of equipment earning equipment for scheduled maintenance IECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Tasks EPM0010000 already open on WO: WO0010000 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010009 WO Open Runtime: 0					
etrieving list of equipment earning equipment for scheduled maintenance IECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Tasks EPM0010000 already open on WO: WO0010000 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010009 WO Open Runtime: 0					
canning equipment for scheduled maintenance HECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Task EPM0010000 already open on WO: WD0010000 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010009 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WD0010009 WO Open Runtime: 0					
IECKING: Washer 1 for Customer Code: 01. Current Runtime: 489 20 Outstanding WOs for Washer 1 7 PM Tasks for Washer 1 PM Task EPM0010000 already open on WO: WO0010000 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010003 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010004 WO Open Runtime: 0 PM Task EPM0010000 already open on WO: WO0010009 WO Open Runtime: 0		intenance			
7 PM Tasks for Washer 1 PM Task EPM0010000 already open on W0: W00010000 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010003 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010004 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010009 W0 Open Runtime: 0			untime: 489		
PM Task EPM0010000 already open on W0: W00010000 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010003 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010004 W0 Open Runtime: 0 PM Task EPM0010000 already open on W0: W00010009 W0 Open Runtime: 0	20 Outstanding WOs for Washer 1				
PM Task EPM0010000 already open on WD: WD0010003 WD Open Runtime: 0 PM Task EPM0010000 already open on WD: WD0010004 WD Open Runtime: 0 PM Task EPM0010000 already open on WD: WD0010009 WD Open Runtime: 0		on W0-W0001	0000 W/O Open E	untime: 0	
PM Task EPM0010000 already open on WD: WD0010004 WD Open Runtime: 0 PM Task EPM0010000 already open on WD: WD0010009 WD Open Runtime: 0					
PM Task EPM0010000 already open on WO: W00010012 W0 Open Runtime: 0 🗾					-
	PM Task EPM0010000 already oper	on W0: W0001	0012 WO Open F	luntime: 0	<b>_</b>
Print Start Save Exit		Prin	Start	Save	E vit

Figure 35. Automated Work Order Generation dialog.

#### **Manual Work Order Generation**

You can manually generate preventive maintenance, breakdown, or informational work orders.

- 1. Click EasyPath>Work with Work Orders access the Work Orders dialog.
- 2. Click the New Work Order button.

A work order is created using system defaults. Your new work order is now in the **Select a Work Order** frame on the left side of the dialog window.

<ul> <li>Show Open Wo</li> <li>Show Closed W</li> </ul>	rk Orders Only ork Orders Since: 87	6 /201 -	Work Order Tasks		Billing	
Code WD0010000 W00010003 W00010004 W00010007 W00010007 W00010009 W00010010 W00010010 W00010012 W00010013 W00010014	Equipment Washer 1 Washer 1	0; 7/ 7/ 7/ 7/ 7/ 7/ 7/ 7/ 7/ 7/ 7/ 7/	Customer: Work Order Type: Equipment Name: Date Opened:	Self Preventative Main Washer 1 7 / 2 /2014 8 /20/2014 0 1 0.500 \$16.00 \$14.16 \$30.16	tenance	
			Comments:	New Work Order		
•		F				

Figure 36. Work Orders dialog.

## **Managing work orders**

Once generated you can modify, add tasks (preventive maintenance work orders only), add parts, assign emploees, delete, and close work orders.

#### Modify a Work Order

You can modify a work order's type, the open date, the number of hours of downtime, and you add comments. On manually created work orders you can change the unit needing the work by selecting a different unit in the **Equipment Name** dropdown.

1. Click EasyPath>Work with Work Orders in PMTracker to access the Work Orders dialog.

- 2. Select a work order for modification in the Select a Work Order frame.
- 3. Using the Work Order tab, make your changes.
- 4. Click Save.

#### Add Tasks

You can add tasks to Preventive Maintenance work orders only.

- 1. Click EasyPath>Work with Work Orders to access the Work Orders dialog.
- 2. Select a preventive maintenance work order in the Select a Work Order frame.
- 3. Click the **Tasks** tab (see Figure 37).
- 4. Click the **Add** button.

Show Open Wo Show Closed W		7201
Code	Equipment	Tasks that make up this work order:
w00010007	Washer 1	Task code Description
w00010008	Washer 1	
V00010009	Washer 1	
V00010010	Washer 1	
w00010011	Washer 1	
V00010012	Washer 1	
/00010013	Washer 1	
/00010014	Washer 1	
/00010015	Washer 1	
/00010016	Washer 1	
/00010017	Washer 1	
/00010018	Washer 1	
/00010019	Washer 1	
/00010020	Washer 1	
/00010021	Washer 1	
/00010022	Washer 1	
w00010023	Dryer 12	
/00010024	Washer 1	
/00010025	Washer 1	
/00010026	Washer 1	
V00010027	Washer 1	
/00010028	Washer 1	Comments:
V00010029	Dryer 12	
V00010031	Washer 1	-
	Washer 1	<b>T</b>

Figure 37. Work Orders: Tasks dialog.

- 5. Select a task in the Task Selection dialog window (see Figure 38).
- 6. Click OK.
- 7. Click Save on the Work Order dialog.
- 8. Continue adding tasks as needed.

Task Code	Description	Freq.	Last Performed On
EPM0010000	Oil the Machine	120	7/8/2014
EPM0010004	New task	0	7/8/2014
EPM0010005	New task	0	7/8/2014
EPM0010006	New task	0	7/8/2014
EPM0010007	Michael's Test	0	7/8/2014
EPM0010008	New task	0	7/8/2014
EPM0010013	New task	400	12:00:00 AM
4			

Figure 38. Select the Tasks to Add dialog.

#### **Add Parts**

You can add parts to any work order type. To add parts to a work order:

- 1. Click EasyPath> Work with Work Orders to access the Work Orders dialog.
- 2. Select a work order for modification in the **Select a Work Order** frame.
- 3. Click the **Parts** tab (see Figure 39).
- 4. Select Show All Parts or Related Parts to only show parts used for this equipment model.

🔑 Work Orders					×
Select a Work Order	Second	/11/201	Show	Employees Billing	
Code	Equipment	<b>_</b>	C Related Parts	Find:	
W00010019	Washer 1				
W00010020	Washer 1		Code Name		
W00010021	Washer 1		Oil 10w30 Oil		
W00010022	Washer 1		RP0010000 Drum Gasket		
W00010023	Dryer 12				
W00010024	Washer 1		1		
W00010025	Washer 1		1		
W00010026	Washer 1		1		
W00010027	Washer 1		1		
W00010028	Washer 1	1	1		
W00010029	Dryer 12		1		
W00010031	Washer 1		1		
W00010032	Washer 1		1.		
W00010033	Washer 1		Parts used on this	1 1	
W00010034	Washer 1		work order:	1	
W00010035	Washer 1				
W00010036	Washer 1		Code Name Q	uantity Unit Char	Total
W00010037	Washer 1		10ml 10w30 Oil 0	\$0.50	\$0.00
W00010038	Dryer 12		RP0010000 Drum Ga 1	\$14.99	\$14.99
W00010039	Washer 1				
W00010040	Washer 1		1		
W00010041	Washer 1		1		
W00010042	Washer 1		-1		1.1
W00010043	Washer 1		•		•
W00010044	Dryer 12	<u> </u>	Quanity Available:	1 Used: n	Change
1		•			Criange
New Work Orde	ır		Use the button to the right to in the number of parts used by 1:	crease	Increment

Figure 39. Work Orders: Parts dialog.
- 5. Select the part you would like to add to the work order in the top list.
- 6. Click the add button  $\checkmark$ .
- 7. Enter the quantity used in the *Repair Part Usage* dialog (see Figure 40). The Repair Part Usage dialog is displayed when you add a part to the work order. You can leave this set to zero, and later when closing the work order, set the quantity used. To change the quantity used at a later time: select the part in the **Parts Used** list (back on the **Work Orders** dialog), and click the **Change** or increment button (see Figure 41).

🖷 Repair Part Usa	ige:		×
Work Order:	W00010031		
Repair Part:	01	_	
Description:	10w30 Oil		
Quantity Available:	3		
Quantity Used on Work Order:			
		ОК	Cancel

Figure 40. Repair Part Usage dialog.



Figure 41. Work Orders: Parts dialog. Use the Change or increment to adjust the number of parts used.

### **Add Employees**

After creating a work order you can assign employees to the work order. You can also record their time spent on the work order prior to closing the work order. To add an employee:

1. Click EasyPath> Work with Work Orders to access the Work Orders dialog.

Show Open Wo	rk Orders Only		Work Order rasks, marts Employees Billing	
Show Closed W	ork Orders Since: 8/	11/201 -	All employees:	
Code	Equipment	<b>_</b>	Code Name	
W00010019	Washer 1		001 Smith, Tech 1	
W00010020	Washer 1		EMP0002 Smith, Jane	
W00010021	Washer 1			
W00010022	Washer 1			
W00010023	Dryer 12			
W00010024	Washer 1			
W00010025	Washer 1			
W00010026	Washer 1			
W00010027	Washer 1		$\sim$ $\sim$	
W00010028	Washer 1			
W00010029	Dryer 12		Employees assigned to this work order:	
W00010031	Washer 1		Code Name	
W00010032	Washer 1		001 Smith, Tech 1 Std Hours:	
W00010033	Washer 1		Still Hours:	
W00010034	Washer 1		Overtime: 0	
W00010035	Washer 1			
W00010036	Washer 1		Double time: 0	
W00010037	Washer 1		Labor Data	
W00010038	Dryer 12		Labor Rate: \$32	2.00
W00010039	Washer 1		Total Charge: \$0.	00
W00010040	Washer 1			00
W00010041	Washer 1		Note:	
W00010042	Washer 1		Smith, Tech 1, as	signed to
W00010043	Washer 1		<ul> <li>work order W000</li> </ul>	10044
W00010044	Drver 12	-		-
41	1		Updat	e

Figure 42. Work Orders: Employees dialog.

- 2. Select a work order for modification in the Select a Work Order frame.
- 3. Click the **Employees** tab (see Figure 42).
- 4. Select an employee in the **All Employees** list.
- 5. Click the **Add** button  $\checkmark$ .
- 6. Add any employee-specific notes, and then click the **Update** button.

### Adjust Employee Hours on a Work Order

PMTracker tracks the time spent by each employee on a particular work order. You can adjust the standard time, overtime, and double time spent by an employee anytime prior to closing a work order.

- 1. Click EasyPath> Work with Work Orders to access the Work Orders dialog.
- 2. Select a work order for modification in the Select a Work Order frame.
- 3. Click the **Employees** tab (see Figure 42).
- 4. Click to select an employee in the Employees assigned to this work order list.
- 5. Adjust the time in the fields to the right.
- 6. Click Update.

### **Remove Employees**

- 1. Click EasyPath> Work with Work Orders to access the Work Orders dialog.
- 2. Select a work order for modification in the Select a Work Order frame.
- 3. Click the **Employees** tab (see Figure 42).
- 4. Select an employee in the All Employees List.
- 5. Click the **Remove** button

### **Close a Work Order**

You close a work order by setting the Date Closed on the Work Order dialog.

- 1. Click EasyPath> Work with Work Orders to access the Work Orders dialog.
- 2. Select a work order to modify in the Select a Work Order frame.
- 3. Locate the **Date Closed** field on the **Work Order** tab.
- 4. Check the box in the field to accept the current date, or click the drop-down to select a date (see Figure 43).
- 5. Verify that the downtime (**Work Order** tab), parts used (**Parts** tab), employee hours (**Employees** tab), and comment fields have appropriate values.
- 6. Click the **Close** button.



Figure 43. Work Orders: setting the Date Closed.

# Purchasing

The ability to generate purchase requests is integrated into the PMTracker application. As employees complete work orders and use parts, the system recognizes the reduced inventory and issues purchase requests. Employees may also make purchase requests as they work with the inventory.

To access Purchasing click the **Purchasing** option on the EasyPath menu. If EasyPath isn't visible, click **EasyPath Screen** under the **View** menu. Purchasing has an EasyPath menu of its own (see Figure 44). From this screen you can approve and close purchase requests, manage your suppliers list, monitor and manage inventory, and produce purchasing reports.



Figure 44. Purchasing EasyPath

## **Managing Purchase Requests**

Purchase requests come from employees, and PMTracker generates requests based on the minimum in stock quantities you set earlier. You can accept the purchase requests or delete them.

### **Accepting Purchase Requests**

To accept purchase requests:

- 1. Click **Purchasing** in *PMTracker EasyPath* to access the *Purchasing EasyPath*.
- 2. Click **Purchasing Request Processing** on the *Purchasing EasyPath* menu to open the *Purchasing Requisition Processing* dialog (see Figure 45).
- 3. Select a purchase request in the Items to be Ordered list.

4. Right click the selected request and select **New PR w/ Selected Item** (see Figure 45) to open the *Edit Purchase Requisition* screen (see Figure 46).

Purchase Requisition Provide the Provid	ocessing						_ 🗆 X
ltems to be Ordered		-Active Purchas	e Requisitior	15			
Item Description	Produc	PR Number	Status	Supplier	Due Date	Acct. Budget	
Drum Gasket	New Purchase	PDD0010001	Open	XYZ	9/1/2014	002	
	New PR w/ Se		Open	01	9/1/2014	002	
	Print	N.					
	Exit	1					
	Delete						Egit
Successful							

Figure 45. Purchase Requisition Processing.

- 5. Add an **Accounting Budget** type by clicking the selection button **>>**.
- 6. Click **Save** to generate the purchase requisition.

			lier Information ->>				i i	Purchase Rec	1110.		
		Name	XYZ Supply					Order Date			
		Addre	ss: XYZ Street XYZ (		8/25/2014	_					
		Phone	e: (555) 555-5555	(555) 555-5555							
		Fax									
							4	Accounting B	udget:		
			1	PR Status = OPEN			ſ				
ham	Quantitu	Part No. 1	Description	Price	1 Init /	Amount					
tem	Quantity 2		Description Drum Gasket	Price 0.00	Unit/	Amount 0.00					
					Unit/		[				
					Unit/		[				
					Unit/		[				
					Unit/		[				
					Unit/		[				
					Unit/		[				
	2			0.00	Unit/	0.00			\$0.00		

Figure 46. Edit Purchase Requisition.

### Modify a Purchase Requisition

You have several options for the modification of a purchase requisitions. You can:

- Add, modify, and delete line items,
- Add shipping, taxes, and other associate costs,
- Add comments, and
- Delete purchase requisitions.

#### **Modify a Purchase Requisition Line Item**

To modify a line item double-click the line item in the *Edit Purchase Requisition* window to open the line items detail dialog (see Figure 46). Using the line item dialog you can adjust the **Quantity**, **Unit of Measure**, and **Price**; you can also add line item level comments (see Figure 47).

×
Purchase Reg No. PR0010003
Quantity: 2
Received Quantity: 0
Unit of Measure:
Price: 0.00
Extended Price: \$0.00
Cancel Save/Exit Help

Figure 47. Line item detail.

#### Add Items to a Purchase Requisition or Combine Requisitions

If you need to order several different items from the same supplier, you can combine those items together in one purchase request. You can add the items from your parts inventory, or you can import them from other pending item purchase requests. To add additional items:

- 1. Right click inside the purchase request item list.
- 2. Select either Add From Inventory or Add from Request List.

🗞 Edit Purchase Requisitio	n: PR0010003				
	Supplier Information			Putchase Ba	
	Name: American Machin Address: 100 N. Dodge Cir			Add From Inventory	Part Inventory
	Address: 100 N. Dodge Cir Phone: 525 319 3452	icinnati, UH	- / '	Add From Request List	Linen Inventory
	Fax. 555-319-3451		/	Add to Line Item	
		PR Status = OPEN		Add Tax	
Item Quantity Part No.	Description	Price Uni/		Add Shipping	1
	2. Drum Gaskel	000		Add Other	
			<u> </u>		
				Add/View Comments	
	/	Add From Intentory  Add From Request List	Par Linen Jil	Delete Line Item	Total Cost
	(	Add to Line Item Add Tex		Selete Purchase Request	
	(	Add Shipping			
Comments		Add Other Add/Mex Comments			
Comments	Save	Delete Line Item	Tetal Cost	\$22.00	
		Belete Purchase Request			

Figure 48. Purchase request right click menu..

#### Add From Inventory

The **Add From Inventory** option allows you to select an item from the parts or linen inventory. The system warns you if you select an item that is not available from the supplier.

#### Add From Request List

This option allows you to add other pending purchase requests. The system will warn you if the items aren't available from the purchase requisition's supplier.

#### Add to Line Item

This option allows you to increase the order quantity for a selected or highlighted line item. If you don't have a line item highlighted nothing happens when you select this option.

#### Add Tax or Shipping

Right click on the line item list to access options to add tax or shipping to a purchase request.

🕯 Item No: 0 of PR: PR0010003	X
Item No. 0 Previous Next	Purchase Reg No. PR0010003
Supplier: American Machinery	Quantity:
Product/Part Nbr:	Received Quantity:
Description:	Unit of Measure:
Comments:	Price: 0.00
	Extended Price: \$0.00
<b></b>	Cancel Save/Exit Help

*Figure 49.* Add Other line item to a purchase order.

#### Add Other

You can add other items to your purchase request. The add other dialog allows you to add parts not currently in the inventory or services such as installation. You access the **Add Other** option using a right-click on the purchase request line item list.

### Change Purchase Requisition Status: On Order, Received, Closed

Once you have consolidated and approved your purchase requests you need to change the status of the purchase request. Once the order is placed, you need to change the purchase requisition status "On Order" Status, change the requisition to received when it arrives, then finally close the requisition.

#### **Change Purchase Requisition Status to On Order**

Once you place the order, you need to change the status to "On Order." Once you change the status you can not change the items or item quantities. You can add tax, shipping cost, and comments while the requisition is in on order status. To change the purchase requisition's status:

- 1. Click **Purchasing** in *PMTracker EasyPath* to access the *Purchasing EasyPath*.
- 2. Click **Purchasing Request Processing** on the *Purchasing EasyPath* menu to open the *Purchasing Requisition Processing* dialog.
- 3. Double-click a purchase requisition in the Active Purchase Requisitions list.
- 4. Click the **Actions** menu in the main *Purchasing Requisition System* window (see Figure 50).
- 5. Click **Place On Order.**
- 6. Click **Yes** in the confirmation pop-up dialog.

P P	urcha	ise Requi	isition Sy	stem												
File	Edit	Options	Actions	Window	Help											
				On Order												
			Recië	ve Entire C	Order	quisition:	PP 00 1	0002	_	_	_	_	_			. 🗆 ×
			Close	Purchase	Request	quisicion.	T KOOI	0002								
			Remo	ve From Pl	R. List	s	upplier	Informatio	n->>					Purchase F		_
						N	lame:	America	n Machin	ery			_	PR001000		
						A	ddress:		Dodge Cir		н		_	Order Date		_
							Phone: 555-319-3452					_	8/25/2014			
							ax 555-319-3451				Date Requ	ired	_			
						P.	ax	555-319	3-3451					9/1/2014		
										00.000	= OPEN			Accounting	-	
										PH Status	= UPEN			Plant Expe	inse	>>
				Item	Quantity	Part No.	Des	cription			Price	Unit/	Amount			_
				1	3	011-23		30 Oil			0.00		0.00			_
				1												
				Comme	ents				c. 1		1	. 1			\$0.	
								_	Save	Egit	<u> </u>	elp	lota	Cost	\$0.0	00

Figure 50. Purchase Requisition System: Actions—Place On Order.

#### **Receiving the Order**

When the order arrives you have the option of marking all the items as received or receiving them individually. Once you mark an item as received the system updates the on hand quantity in inventory. To receive the entire order:

- 1. Click **Purchasing** in *PMTracker EasyPath* to access the *Purchasing EasyPath*.
- 2. Click **Purchasing Request Processing** on the *Purchasing EasyPath* menu to open the *Purchasing Requisition Processing* dialog.
- 3. Double-click a purchase requisition with "on order" status in the Active Purchase Requisitions list.
- 4. Open the **Actions** menu on the *Purchase Requisition System* window.
- 5. Select **Receive Entire Order** (see Figure 51).
- 6. Select **Yes** in the confirmation dialog.
- 7. Select **Yes** in the next confirmation dialog to have the Purchase Requisition System close the purchase request.



*Figure 51. Purchase Requisition System*: Actions—Receive Entire Order.

#### Receive an Order Item by Item

The order may arrive in multiple shipments, or the supplier back-ordered one or more of the items. Rather than waiting for the entire order to arrive, you can mark the individual items as received. This places the items into inventory without changing the status of the purchase requisition.

- 1. Click **Purchasing** in *PMTracker EasyPath* to access the *Purchasing EasyPath*.
- 2. Click **Purchasing Request Processing** on the *Purchasing EasyPath* menu to open the *Purchasing Requisition Processing* dialog.
- 3. Double-click a purchase requisition with the status "on order" in the Active Purchase Requisitions list.
- 4. Double-click a line item to open the *Item Detail* dialog.
- 5. Change the **Received Quantity** to reflect the actual number received (see Figure 52).
- 6. Click **Save/Exit**.
- 7. Click **Save** on the *Edit Purchase Requisition* screen.

🖥 Item No: 1 of PR:	PR0010002	×
Item No. 1	Previous Next	Purchase Reg No. PR0010002
Supplier: Am	erican Machinery	Quantity: 3
Product/Part Nbr:	011-23	Received Quantity:
Description:	10w30 Oil	Unit of Measure:   Price: 0.00
Comments:	×	Extended Price: \$0.00
	×	Cancel Save/Exit Help

Figure 52. Purchase Requisition System: Actions—Receive Entire Order.

#### Close a Purchase Request

You can change a purchase requisition to closed at anytime. Regardless of the current status: open, on order, received. Once closed you cannot alter the purchase requisition. Although you can change price and add comments, you can not receive or modify the purchase requisition line items. To close a purchase requisition:

- 1. Click **Purchasing** in *PMTracker EasyPath* to access the *Purchasing EasyPath*.
- 2. Click **Purchasing Request Processing** on the *Purchasing EasyPath* menu to open the *Purchasing Requisition Processing* dialog.
- 3. Double-click a purchase requisition with the status "on order."
- 4. Open the **Actions** menu on the *Purchase Requisition System* window.
- 5. Select **Close Purchase Request** (see Figure 53).
- 6. Select **Yes** in the confirmation dialog.

Purc	ha	se Requi	sition Sy	stem											
File Ed	jit.	Options	Actions	Window	Help										
			Place	On Order											
			Recie	ve Entire (	Order	chase R	equisitio	on: PR001	0003	3					
	Close Purchase Request Remove From PR List			Su Na Ad Ph Fa			mation		Purchase Reg No. PR0010003 Order Date [10/6/2014 Date Required [10/13/2014 Accounting Budget: Plant Expense						
														ni Experise	
					Item	Quantity	Revd.	Part No XYZ-D		Description Drum Gasket	Price 0.00	Unit/	Amount 0.00		
						2							0.00		
					Comm	ents				Save Exit	elp	To	tal Cost	\$0.	00

Figure 53. Purchase Requisition System: Actions—Close Purchase Request

# Web Reports

With PM Tracker, you get a rich collection of reports that helps you to manage your maintenance tasks, purchase requests, work orders, and inventory. The system notifies you about inventory shortages and purchase requests, open work orders, and preventative maintenance tasks needing attention. During the installation of PM Tracker, the installers provided links and login information for PM Tracker Web Reports. If you need this information, contact Softrol support (see "Support: Get Additional Help" on page 59).

## The Web Reports Interface

Once logged in to PM Tracker web reports, you first arrive at the *Quick Links* page (see Figure 54). The interface consists of four main areas:

- 1. Reporting Dates: These dates apply to all reports unless the report has separate date selection options. Changing the dates and clicking **GO** applies the dates to your reports. Note: For illustration purposes the date frame was added to Figure 54
- 2. The Alert Icons and Logout icon: The alert icons show the number of open work orders, purchase requests, and part requests.
- 3. The PM Tracker Web Reports menu.
- 4. Report Frame.



Figure 54. PM Tracker Web Reports: Quick Links

## **Quick Links**

Quick Links serves as the PM Tracker Reports welcome page (see Figure 54). The page contains six icons that lead to the most frequently used reports in PM Tracker. The six icons link to:

- Work Orders, ٠
- Purchase Requests, .
- ٠ Parts Requests,
- PM Schedule, .
- Equipment Downtime, and ٠
- Labor Hours. .

Three of the six icons include alerts. These alerts inform you that you have work orders, purchase requests, or part requests that need your attention.

## Work Order Lookup

Work Order Lookup allows you to view open and closed work orders based on your date selection. Filter the work orders using the criteria section to refine your results. You can view any of the work order details by clicking on the work order ID (see Figure 55).

see Figur	<i>c c c j</i> .							Customer	Self
rk Orders L	ook un							Work Order	W00010023
er Search Crite								Equipment Name	Dryer 12
Gearch By :		Work Order Status : Open	~					Work Order Type	Preventative Maintenance
quipment Nar		Орен		Unit Name :			Equipment Code	EQN0010001	
All				✓ All				Date Opened	08/20/2014
Jensen 2000 Washex 400				Washer 1 Demo Dryer	1			Date Closed	12/30/1899
Washex 400				Dryer 1	1			Task	<ul> <li>New task</li> </ul>
Parts :				Submit				Runtime Opened	0
10w30 Oil								Downtime	0.00
10w40 Oil								Labor Cost(\$)	0.00
Drum Gaske	t							Part Cost(\$)	0.00
				_				Total Cost(\$)	0.00
rintable View	Work Order	Equipment Name	Equipment Code	Company	Date Opened	Date Closed	Comment	Labor Charge	0.00
	14/00010000								
	WO0010023	Dryer 12	EQN0010001	Self	08/20/2014		Automatic	Parts Charge	0.00
	W00010023	Dryer 12 Dryer 12	EQN0010001 EQN0010001	Self Self	08/20/2014 08/20/2014		Automatic Automatic		0.00 0.00
	WO0010029	Dryer 12	EQN0010001	Self Self Self	08/20/2014		Automatic	Total Charge	0.00
	WO0010029 WO0010038	Dryer 12 Dryer 12	EQN0010001 EQN0010001	Self Self	08/20/2014 08/20/2014		Automatic Automatic	Total Charge Total Tax Outside	0.00
	W00010029 W00010038 W00010044	Dryer 12 Dryer 12 Dryer 12	EQN0010001 EQN0010001 EQN0010001	Self Self Self	08/20/2014 08/20/2014 08/20/2014		Automatic Automatic Automatic	Total Charge Total Tax Outside Service Cost Status	0.00 0.00 0.00 Open Automatically generated
	W00010029 W00010038 W00010044 W00010049	Dryer 12 Dryer 12 Dryer 12 Washer 1	EQN0010001 EQN0010001 EQN0010001 EQN0010000	Self Self Self Self	08/20/2014 08/20/2014 08/20/2014 10/08/2014		Automatic Automatic Automatic Automatic	Total Charge Total Tax Outside Service Cost Status Comment	0.00 0.00 0.00 Open Automatically generated work order
	W00010029 W00010038 W00010044 W00010049	Dryer 12 Dryer 12 Dryer 12 Washer 1 Washer 1	EQN0010001 EQN0010001 EQN0010001 EQN0010000 EQN0010000	Self Self Self Self Self Self	08/20/2014 08/20/2014 08/20/2014 10/08/2014 10/08/2014		Automatic Automatic Automatic Automatic	Total Charge Total Tax Outside Service Cost Status	0.00 0.00 0.00 Open Automatically generated

Figure 55. Top: Work Orders Look up. Right: Work order detail..

×

Print

## Work Order: Cost Summary

The Cost Summary Report gives you the maintenance costs on a per-machine basis for the date range selected. The report breaks down the data for the labor and part costs. It also includes the downtime and labor hours required to complete the work order. You can get work order details by clicking the work order number.

Cost Summary						🔀 ≽			
Enter Search Criteria						~			
Equipment Name :			Unit Name :						
All			Z All						
Jensen 2000			🗌 Washer 1						
Washex 400			Demo Dryer 1						
			Dryer 1						
Parts :						~			
II All			Submit						
🗆 10w30 Oil									
🗆 10w40 Oil									
Drum Gasket									
Work Order	Date Closed	Task	Total Hours	Labor Cost	Part Cost	Down Time			
- Self									
Dryer 12									
WO0020000	10/06/2014		0.50	16.00	14.16	1.00			
WO0020001	10/06/2014		0.50	16.00	14.16	1.00			
WO0020002	10/06/2014		0.50	16.00	14.16	1.00			
WO0020003	10/06/2014		0.50	16.00	14.16	1.00			
		Dryer 12 Total :	2.00	\$64.00	\$56.64	4.00			
Washer 1									
W00010000	10/06/2014	Multiple Task	0.50	16.00	14.16	1.00			
WO0010001	10/06/2014		0.00	0.00	0.00	0.00			

Figure 56. Work Orders: Cost Summary.

07/08/2014

Oil the Machine

WO0010002

0.00

0.00

0.00

0.00

## **Inventory: Purchase Requests**

The Purchase Requests report allows you to view your purchase requests. You can filter your results based on supplier, and purchase request status. The resulting data lists your purchase requests and some basic information about the request such as status, order date, required date, and cost. Clicking the **Purchase Request Number** generates the detail seen in the inset of Figure 57. You can generate a detailed, printable report by checking the box at the front of the row and then clicking the text, "**Printable View**" in the header (see Figure 58). From the Printable View use your browser's print functions to print the report. Alternatively, you can use the links at the top of either view to generate a spreadsheet or save the report to a PDF document.

Purchase Request	È.							×.	<u>}</u>
Enter Search Criteria									~
Search By : Supplier Name	Supplier Name : C All American Machine ELX XYZ Supply	Open /	se Request Status On Order	Submit			Detail	× Print	
Printable View	Purchase Request No.	Status	Order Date	Date Required	Accounting Description	Supplier Name	Purchase Req No	PR0010001	(\$)
0	PR0010001	Open	08/25/2014	09/01/2014	Plant Expense	XYZ Supply	Supplier Name	XYZ Supply	00
	PHOLEDOL	open	00/23/2014	03/01/2014	Fiant Expense	ATE Supply	Date Of Order	08/25/2014	Ĩ
							Required Date	09/01/2014	I
8	PR0010002	Open	08/25/2014	09/01/2014	Plant Expense	American Machin	iotal cost	40.00	00
							Accounting Code	Plant Expense	L
							Status	Open	
	PR0010003	Open	10/06/2014	10/13/2014	Plant Expense	American Machin	Active	Yes	00
							Comments	We need these for several upcoming maintence jobs coming up.	I
Figure 57. Inve	entory: Purchase Req	uests w	ith Detail pa	age.			Items	Part Number         Description         Quantity         Received Quantity           XYZ-DG2607         Drum Gasket         2         0	l
								Close	I

		Purcha	se Request			En La Print
					Purchas	e Request No. PR0010001
Status: Open						Order Date: 08/25/2014
Accounting Description: Plant Expense					D	ate Required: 09/01/2014
Deliver To:				Supplier:		
Acme Laundry 100 Main Street Bedford MA 01703 Phone:555-612-1111 Fax:555-612-1112				XYZ Supply XYZ Street XYZ City, GA 12345 Phone: (555) 555-5555 Fax:		
Item Number	Quantity	Recieved Qty Part Number	Description	Unit Price	Unit of Measure	Extended Price
1	2	0 XYZ-DG2607	Drum Gasket	20.00	car	40.00
			Total C	lost:	Purchas	\$40.00 e Reguest No. PR0010002
Status: Open						Order Date: 08/25/2014
Accounting Description: Plant Expense					D	ate Required: 09/01/2014
Deliver To:				Supplier:		
Acme Laundry 100 Main Street Bedford MA 01703 Phone:555-612-1111 Fax:555-612-1112				American Machinery 100 N. Dodge Cincinnati, OH 52241 Phone: 555-319-3452 Fax: 555-319-3451		

Figure 58. Inventory: Purchase Requests Printable View.

## **Inventory: Repair Parts**

The Repair Parts report gives you a list of all of the parts in your system. You can see the current in-stock quantities, reorder points, price, and leadtimes. Clicking on the Product Code brings up the Detail window for additional information including supplier, manufacturer, and the equipment that uses the part.

			Detail	1
Enter Search Criteria				Prin
Product Code Dil	Description 10w30 Oil Location: Stock_Loc A Instock Qty: 1 On Order Qty: 3 Reorder Point: 3	Detail Inventory Value Reorder Qty: 3 Last Price: \$3.0 Lead Time: 1 w	Product Code	OI
	Drum Gasket		Name	10w30 Oil
RP0010000	Location: Wash Aisle Instock Qty: 0	Inventory Value Reorder Qty: 2 Last Price: \$0.0	Product Type	Equipment Parts Inventory
		Lead Time: Two	Category	Lubricants
			Supplier	American Machinery
	Location: Stock_Loc A	Inventory Value	Phone	555-319-3452
RP0010001	t Code         Description         Detail           10w30 OII Location: Stock_Loc A Instock Qty: 1 On Order Qy: 3 Reorder Point: 3         Inventory Value Reorder Qy: 3 Last Price: 53.0 Lead Time: 1we         Product Code           0000         Drum Gasket Instock Qty: 0 On Order Qy: 0 Reorder Point: 2         Inventory Value Reorder Point: 2         Product Code           0001         Inventory Value Reorder Qy: 3 Reorder Point: 3         Inventory Value Reorder Point: 3         Product Code           0001         Inventory Value Reorder Point: 3         Inventory Value Reorder Point: 3         Product Code           0001         Instock Qty: 0 On Order Qty: 3 Reorder Point: 3         Inventory Value Reorder Point: 3         Product Code           59. Inventory: Repair Parts with Detail page.         Server Point: 3         Image: 1         Image: 1           59. Inventory: Repair Parts with Detail page.         Inventory: Repair Parts with Detail page.         Reorder Point: 3         Image: 1	Email	Bob@alm.com	
		Product Code	OII-23	
	10w30 Oil	Inventory Value		American Laundry Machinery, Inc.
TestOil			Phone	513-731-5500
			Email	
	Reorder Point: 3		Model Number	OII-23
			Location	Stock_Loc A
<i>igure 59.</i> Inventory: Repair	r Parts with Detail page.		Replacement Box Quantity	12
			Units In Stock	1
			Units In Order	3
			Reorder Quantity	3
				3
			Lead Time	1 week
			Reorder Point	3
			Unit Price(\$)	0.25
			Last Price(\$)	3.00
			Average Price(\$)	3.00
			Markup	2.00
			Total Purchased	3
			Total Discarded	0
				6
			Active	Yes

## **Inventory: Suppliers**

From the *Inventory: Suppliers* page you can view all of the suppliers in the system. By clicking the **Supplier Code**, you can access the supplier *Detail* window. The *Detail* window provides the same information with the addition of active status and any notes added to the supplier record. You can use the *Detail* window to print the supplier record (see Figure 60).

ame	~			Submit	t		
plier Code	Name	Address	Phone	Fax	Contact		Website
	American Machinery	100 N. Dodge OH 52241	555-319-3452	555-319-3451	Contact:Jane D Phone: Fax:	Detail	
	ELX	500 N. Summit	555-612-3452	555-612-3451	Contact: Phone:	Supplier Code	01
		TX 40817			Fax:	Name	American Machinery
<i>re 60.</i> Inve	entory: Suppliers with t	he Detail page.				Address	100 N. Dodge
						City	Cincinnati
						State Code	ОН
						Postal Code	52241
						Country Code	us
						Phone	555-319-3452
						Fax	555-319-3451
						Email	Bob@alm.com
						Website	http://www.alm.com
						Active	Yes

Enter Search	h Criteria								~	
Search B Product C		Submit								
Product Code	Product Name	Supplier	Phone	Fax	Units in Stock	Units on Order	Reorder Quantity	Last Price(\$)	Detail	
40-00093	HEATER ELEMENT, 480 VOLT	Felins	800-336-3220	414-355-7559	0	0	1	0.00		Pr
40-00116	FUSE, 30 AMP	Felins	800-336-3220	414-355-7559	0	0	3	0.00		Les valles
40-00130	FUSE, 1 1/4 AMP	Felins	800-336-3220	414-355-7559	0	0	5	0.00		8 Y 200
40-00132	FUSE 2 ½ AMP	Felins	800-336-3220	414-355-7559	0	0	1	0.00		0.044
40-00133	FUSE 6 ¼ AMP	Felins	800-336-3220	414-355-7559	0	0	5	0.00		41003
40-00140	LIGHT BULB	Felins	800-336-3220	414-355-7559	0	0	2	0.00	Product Code	0208-412
40-00240	RELAY, HEATER ELEMENT	Felins	800-336-3220	414-355-7559	0	0	1	0.00	riouuti cout	BRKT PIVOT AIR
40-00505	MOTOR, TUNNEL FAN	Felins	800-336-3220	414-355-7559	0	0	1	0.00	Name	CYLINDER 2" BORE
40-00602	DRIVE, DC TUNNEL	Felins	800-336-3220	414-355-7559	0	0	1	0.00		Equipment Parts
30-00133	COGGED BELT, NEW, 17/22/30	Felins	800-336-3220	414-355-7559	0	0	1	0.00	Product Type	Inventory
30-00170	BELT, TEFLON MESH, 22 X 6FT	Felins	800-336-3220	414-355-7559	0	0	1	0.00	Category	Other
3203-431	BELT IDLER ROLL W/2 BEARINGS	Chicago Dryer Company	(773) 235-4430	(773) 235-4439	0	0	1	0.00	Supplier	Chicago Dryer Company
3203-433	IDLER ROLL 2-1/4"x36-1/2"x11GA W/12 RING	Chicago Dryer Company	(773) 235-4430	(773) 235-4439	0	0	1	0.00	Phone	(773) 235-4430
3203-436	IDLER ROLL 2-1/4"x42"x11 GA W/12 RINGS	Chicago Dryer Company	(773) 235-4430	(773) 235-4439	0	0	1	0.00	Email	
3203-446	EXIT CONVEYOR IDLER ROLL	Chicago Dryer	(773)	(773)				0.00	Product Code	0208-412
5203-446	W/TRACKING TAPE	Company	235-4430	235-4439	0	0	1	0.00	Manufacturer	Chicago Dryer
3204-065	IDLER ROLL 4-1/2"x16"x16 GA W/6	Chicago Dryer	(773)	(773)	0	0	1	0.00		Company
	RINGS	Company	235-4430	235-4439					Phone	(773) 235-4430

Figure 61. Inventory: Reorder with the product Detail.

## **Inventory: Reorder**

The Inventory Reorder report gives you a list of the parts that fell to or below their reorder point. If the **Reorder Quantity** and the **Units on Order** both equal zero, you know you need to order the part (see Figure 61).

	Print
Product Code	0208-412
Name	BRKT PIVOT AIR CYLINDER 2" BORE
Product Type	Equipment Parts Inventory
Category	Other
Supplier	Chicago Dryer Company
Phone	(773) 235-4430
Email	
Product Code	0208-412
Manufacturer	Chicago Dryer Company
Phone	(773) 235-4430
Email	
Model Number	0208-412
Location	
Replacement Box Quantity	1
Units In Stock	0
Units In Order	1
<b>Reorder Quantity</b>	1
Last Order Quantity	1
Lead Time	
Reorder Point	1
Unit Price(\$)	0.00
Last Price(\$)	0.00
Average Price(\$)	0.00
Markup	1.00
Total Purchased	0
Total Discarded	0
Total Used	0
Active	Yes
Used On	<ul> <li>Chicago Flatwork Separator Machine</li> </ul>
_	Close

## **Inventory: Parts Used**

The *Parts Used* page, allows you to view all of the parts used by service technicians for the specified date range. You can refine your report by specifying the types of equipment, units, or the individual parts. You can get detailed information about what tasks the parts and when the parts were used. Clicking on the **Work Order** number opens the *Work Order Detail*.

arts Used				X.
Enter Search Criteria				
Equipment Name :		Unit Name :		
All		Z All		
Jensen 2000		Washer 1		
Washex 400		Demo Dryer 1		
		Dryer 1		
Parts :				
All		Submit		
□ 10w30 Oil				
□ 10w40 Oil				
Drum Gasket				
/ork Order	Date Closed	For Equipment	Quantity Used	C
— Oil				
00010000	10/06/2014	Washer 1	2	7
00010005	07/08/2014	Washer 1	1	7
00010006	07/08/2014	Washer 1	1	7
			2	

Figure 62. Inventory: Parts Used.

## **Inventory: Parts Request**

The Parts Request report displays all of the part requests made for the specified date range. Clicking the **Product Code** opens the Parts Request Detail. The detail page provides the inventory history for the part, what equipment uses the part, the request status, and manufacturer's information.

Parts Request							🏹 💦
Enter Search Crit	eria						
Product Code	Item Name	Description	Supplier Name	Phone	Fax	Email	Request Date
RP0010000	Drum Gasket	Equipment Parts Inventory	XYZ Supply	(555) 555-5555			11/13/2014
RP0010001	10w40 Oil	Equipment Parts Inventory	American Machinery	555-319-3452	555-319-3451	Bob@alm.com	11/13/2014

Figure 63. Inventory: Parts Requests.

## **Equipment: Equipment Look Up**

The *Equipment Look Up* page allows you to view the current status of all of your tracked equipment. The report divides the equipment by model and then lists each unit separately. You can check on the last service date, and the number of hours ran since the last service. Clicking on the **Model Code** generates the Equipment Detail that gives you the manufacturer and technical details and supplier information for the model (see Figure 64).

Search By Model Cod		Mode V Sub	I Code: mit								
	Model Co	de Descript	ion Equipm	ent Type	Manufacturer	Warra	nty	Model Number	Voltage	Phase	Am
M Plan	EQ001000	0 Jensen 2	000 Washer		American Laundry Machinery, Inc	none		01	0	0	
Jnit No.	,	Jnit Name	Location	Serial N	O. Install Date	Purchase Pr	ce(\$	5) Total Runti	me Last Mainte	nance	
QN001000	00 \	Washer 1	Wash Aisle 1	121121	21 07/02/2014		0.0	0 21	23 10/08/2014		
QN001000	02 \	Washer 2			08/19/2014		0.	Detail		×	
M Plan	EQ001000	1 Washex	400 Ironer		American Laundry Machinery, Inc	none				Print	
								Equipment Code	EQ0010000		
Jnit No. QN001000		Unit Name Dryer 12	Location	Serial NC	0. Install Date 07/09/2014	Purchase Pri	ce( 0.)	Description	Jensen 2000		18
QN001000		Dryer 12			08/19/2014		0.1	Manufacture Code	alm		18
QN001000		Demo Dryer 1			08/19/2014		0.	Equipment Type	Washer		
								Supplier Code	01		18
								Supplier Name	American Ma	achinery	
gure 64.	Inventor	y: Equipmen	t Look Up witl	n Equipmer	nt Detail.			Supplier Phone	555-319-3452		
								Supplier Email	Bob@alm.com		н
		1. 1	DMD					Supplier Web Address	http://www.	alm.com	I
<u> </u>					<i>Maintenance Plan Repo</i> naintenance for the eq			Warranty	none		
	n page !		Jour the re	quireu ii	faintenance for the eq	uipinent		Model Number	01		
01	n page :	543.						Voltage	0		
								Phase	0		
								Amps	0		
								Active	Yes		. 88

## **Equipment: Types**

The *Equipment Types* screen lists all of your equipment types defined in the system. Clicking on the Description opens the Equipment Lookup report displaying all of your equipment of that type (see Figure 65).

Types	🖾 🛵
Description	Type Code
Dryer	Dryer
Ironer	Ironer

Figure 65. Equipment: Equipment Types.

## **Equipment: Manufactures**

The *Equipment Manufactures* page allows you to view all of the equipment manufactures in your system. The Manufactures Detail provides email, and any notes on the manufacturer (see Figure 66).

O1       G.A. Braun, Inc.       461 East Brighton Avenue NY 13205       315-475-3123       Contac Phor Fe       Detail       Print         alm       American Laundry Machinery, Inc.       5050 Section Avenue OH 45212       513-731-5500       Contac Fe       Contac Manufacturer Code       01         123 New Street       123 New Street       Contac       Name       G.A. Braun, Inc.	Enter Search Criteria							
O1     G.A. Braun, Inc.     461 East Brighton Avenue NY 13205     315-475-3123     Contac Phor Fr     Detail     Print       alm     American Laundry Machinery, Inc.     5050 Section Avenue OH 45212     513-731-5500     Contac Fr     Contac Contac     Print       123 New Street     Contac     Contac     Name     G.A. Braun, Inc.	-			Submit				
OI     G.A. Braun, Inc.     ADT Lass bingition Avenue NY 13205     315-475-3123     Phot Phot Fil     Detail     Detail       Imm     American Laundry Machinery, Inc.     5050 Section Avenue OH 45212     513-731-5500     Contac Phot Fil     Contac Code     Print OI       123 New Street     123 New Street     Contac     Name     G.A. Braun, Inc.	Manufacturer Code	Name	Address	Phone	Contac	t	Fax	Website
American Laundry Machinery, Inc. 5050 Section Avenue OH 45212 0 513-731-5500 Contac Phor Fe Code 01 Contac Code 01 Contac Code 01	)1	G.A. Braun, Inc.	-	315-475-3123	Phor	Detail		×
123 New Street	ılm	American Laundry Machinery, Inc.		513-731-5500	Contac Phor		01	<u>Print</u>
lew1 NewManufacturer NV 12245 Phor 461 East Brighton	lew1	NewManufacturer	123 New Street			Name	,	

## **Equipment: Maintenance Plan**

The *Maintenance Plan* displays the regularly scheduled maintenance for your equipment (see Figure 67). The system divides the returned maintenance tasks into groups based on the equipment model. The report tells you all of the tasks, the type of task, service type, and frequency for the maintenance task. The **Active Code** tells you the status of the task. Active tasks receive a "1," and inactive tasks receive a "0." Clicking the **Equipment Code** brings up the *Equipment Detail*.

Detail.					_
Maintenance	Plan				- 📉 🍐
Enter Search Cri	eria				<
Search By : Model Name	Model Name :       V     V     Submit       1-Head Embroidery Machine     6-Head Embroidery Machine				
Maintenance Code	90-Ib Washer Extractor (Non-Production)	Туре	Service Type	Frequency	Active Code
	A WW Recycling Sys 1 (Equipment Code: EQ0010059 Model: Cera-Pure WR-16)				
MPM0010400	Verify system flow-rates, temperatures, pressures, flux, etc., for proper instrumentation and system operation. Check for leaks on all components. Inspect pump shaft seals for leakage.	Inspection	Inspect	8	1
MPM0010401	Blow down the Valve Manifold air regulator filter & water bowl on the Cera-Pure Unit. Check/Empty Shaker Screen Lint bucket. Check pre-filter D/P, clean as required.	Cleaning	Clean	8	1
MPM0010402	Inspect both pre-filter strainer baskets for debris build-up; wash or replace as needed.      Inspect Shaker Screen fabric for cuts and tears.	Inspection	Inspect	40	1

Figure 67. Equipment: Maintenance Plan

Syracuse

NY

13205

315-475-3123

315-475-4130

Close

City

State Zip

Country

Phone Fax

Email

Notes

Website

## **Equipment: PM Status**

The PM Status page lists your equipment, maintenance tasks for the equipment, how frequently they need to occur, and the last completion date for the PM tasks (see Figure 68). The system groups your data based on the piece of equipment. Clicking on "+" or "-" sign in the header row expands and collapses the report.

Repair Frequency					S 🕹
Enter Search Criteria					~
Search By : Unit Name	Unit Name : V All Demo Dryer 1 Dryer 1 Dryer 1		Submit		
Equipment	Maintenance Number Desc.	Туре	Frequency	Production Standard	Date Last Performed
Equipment: Demo D	vryer 1 (EQN0010004 )				
Model:Dryer 1 Serial #: Location:	EPM0010014 New task	Lubricatior	n 400	1.00	10/08/2014
Model:Dryer 1 Serial #: Location:	EPM0010015 Lubricate springs	Lubricatior	n 60	1.00	10/08/2014

Figure 68. Equipment: Repair Frequency

## **Equipment: Preventive Maintenance**

The PM Status Report gives preventive maintenance information for the individual piece of equipment. In contrast, the Preventive Maintenance Report lists all of the preventive maintenance tasks associated with a model (see Figure 69).

reventive Maintenance								
Enter Search Criteria					~			
Search By : Active								
Maintenance Code and Description	Туре	Descriptor	Frequency	Production Standard	Date Last Performed			
Equipment: Washer 1								
Model: 01 Serial #: 12112121 Location: Was	h Aisle 1							
EPM0010017	Lubrication	New task	40	1				

Figure 69. Equipment: Preventive Maintenance Schedule.

## **Equipment: Work Order History by Equipment**

The Work Order History by Equipment separates your work orders into groups based on the piece of equipment. You can fine-tune your results by adjusting your date selection and the search criteria. The system organizes the results by customer. If you do not have external customers, the report may display a customer called "Self" (see Figure 70).

Work Order By	Equipment								S ≽
Enter Search Crite	ria								×
Include Emp	loyee								
Equipment Nam	ne :		Uni	it Name :					
🛃 All			<b>S</b>	All					
Jensen 2000			0	Washer 1					
Washex 400			0	Demo Dryer 1					
				Dryer 1					
Parts :									
Z All				Submit					
10w30 Oil									
10w40 Oil									
Drum Gasket									
	Work Order Type	Date Opened	Date Closed	Task		Total Hours	Labor Cost	Part Cost	Down Time
- Self									
Washer 1	EQN0010000								
WO0010000	РМ	07/02/2014	10/06/2014	New Work Order Oil the Machine		0.500	16.00	14.16	1.00
WO0010000	PM	07/02/2014	10/06/2014	New Work Order New task		0.500	16.00	14.16	1.00
WO0010000	PM	07/02/2014	10/06/2014	New Work Order Michael's Test		0.500	16.00	14.16	1.00
WO0010003	PM	07/08/2014	10/06/2014	Automatically generated work order Oil the Machine		0.000	0.00	0.00	0.00
WO0010005	РМ	07/08/2014	07/08/2014	Automatically generated work order Oil the Machine		0.500	16.00	7.08	0.50
WO0010009	PM	07/09/2014	10/06/2014	New Work Order Oil the Machine		0.000	0.00	0.00	0.00
					Washer 1 Total :	2.00	\$64.00	\$49.56	4.00
					Self Total :	2.00	\$64.00	\$49.56	4.00
					Total :	2.00	\$64.00	\$49.56	4.00

Figure 70. Equipment: Work Order by Equipment.

## **Equipment: Equipment Downtime**

The *Equipment Downtime* report allows you to view the total downtime, employee hours, labor costs, and parts costs for a particular piece of equipment for your selected date range. The report places the data in groupings based on the customer and the machine (see Figure 71).

Equipment Down Time							🍇 ≽
WO Number	Description	Date Opened	Date Closed	Total Hours	Labor Cost	Part Cost	Down Time
- Self							
Jensen 2000							
Washer 1 (EQN0010000)							
W00010045	Break Down	10/07/2014	10/08/2014	0.000	0.00	0.00	2.00
W00010000	Preventative Maintenance	07/02/2014	10/06/2014	0.500	16.00	14.16	1.00
W00010005	Preventative Maintenance	07/08/2014	07/08/2014	0.500	16.00	7.08	0.50
WO0010006	Break Down	07/08/2014	07/08/2014	1.000	32.00	7.08	0.50
			Washer 1 Total :	2.00	\$64.00	\$28.32	4.00
			Jensen 2000 Total :	2.00	\$64.00	\$28.32	4.00
Washex 400							
Dryer 12 (EQN0010001)							
W00020000	Preventative Maintenance	07/02/2014	10/06/2014	0.500	16.00	14.16	1.00
WO0020001	Preventative Maintenance	07/02/2014	10/06/2014	0.500	16.00	14.16	1.00
W00020002	Preventative Maintenance	07/02/2014	10/06/2014	0.500	16.00	14.16	1.00
WO0020003	Preventative Maintenance	07/02/2014	10/06/2014	0.500	16.00	14.16	1.00
			Dryer 12 Total :	2.00	\$64.00	\$56.64	4.00
			Washex 400 Total :	2.00	\$64.00	\$56.64	4.00
			Self Total:	4.00	\$128.00	\$84.96	8.00
			All Total :	4.00	\$128.00	\$84.96	8.00

Figure 71. Equipment: Equipment Downtime.

## **Employees**

The *Employees* page gives you a list of all of your staff. This is typically restricted to maintenance staff, but if your production staff participates in the maintenance tasks, you may choose to include them as well. Clicking on the **Employee Number** brings up the employee Detail ( see Figure 72).

Employees								🏹 🚰
Enter Search Criteria						Detail		×
Search By : Type	Type :			Submit		Employee Number	EMP0002	<u>Print</u>
Employee Number	Employee Name	Address	Phone	Туре	Dep	Employee Name	Smith,Jane	
		Some Street				Employee Type	Production Worke	er
001	Smith, Tech 1	Acworth		Engineer	ENG	Department	ENG	
		IA 50158				Title	Ms.	
		123 New Employee street				Email		
EMP0002	Smith, Jane	New Employee City GA 30188		Production Worker	ENC		123 New Employee street	e
<i>Figure 72.</i> Employee	s with Detail.					Address		
						City	New Employee Cit	ty
						State	GA	
						Postal Code	30188	
						Home Phone		
						Work Phone		
						Extension		
						Date Hired	08/18/2014	
						Supervisor Code		
						Emergency Contact		
						Emergency Phone		
Employe	es: Hour	Active	Yes					
						Note		
maintenance tas	sks. The report p	see the time spent by e provides the total hours on preventive maintenan	s, overt	ime, and double			Clos	e

Hours								🔀 🎽
Enter Search Criteria								~
Search By :	Employee Nu	mber :						
Employee Number	~				Submit			
					Submit			
Employee Number	Employee Name	From	То	Total Weeks	Hours	Overtime Hours	Double Time Hours	Weekly Avg
001	Smith,Tech 1	12/30/1899	10/06/2014	5989	2.50	0.00	0.00	0.0
EMP0002	Smith, Jane	12/30/1899	12/30/1899	0	0.50	0.00	0.00	0.

Employee Number brings up the Employee Detail. The Related Work Orders link

opens the Work Orders Detail Report. (see Figure 73).

Figure 73. Employees: Hours.

PMTracker

# **Support: Get Additional Help**

If you find yourself in the need for help with the process, you have several support options:

### Web Support

Visit the Softrol Support website ( support.softrol.com) to get current documentation. With your support login you will find:

- Product manuals,
- FAQ, and
- Update downloads.

### **Telephone Support**

Call 1-877- 241-7679 for Softrol's technical support. Site License Number may be necessary to receive support.

### Email

support@softrol.com

### **Hardware Repair**

A Return Merchandise Authorization (RMA) is required to return a part for repair or credit. To request an RMA call 1-888-763-8765 (888-SOFTROL) ext. 122 or email rma@softrol.com.

### **Parts**

For replacement parts contact Softrol's Parts Department between the hours of 8:30 a.m. and 5:30 PM EST at 1-888-763-8765 (888-SOFTROL) ext. 110 or email parts@softrol.com.

### **Site License**

Site Licenses are available for all Softrol's automation and information networks. Please contact Softrol Support support@softrol.com or call 1-888-765-8765 (888-SOFTROL) ext.128

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Vevision NO	Revision notes
L	Initial
2	Update to Web Reports
3	Clarification for part/model designations



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