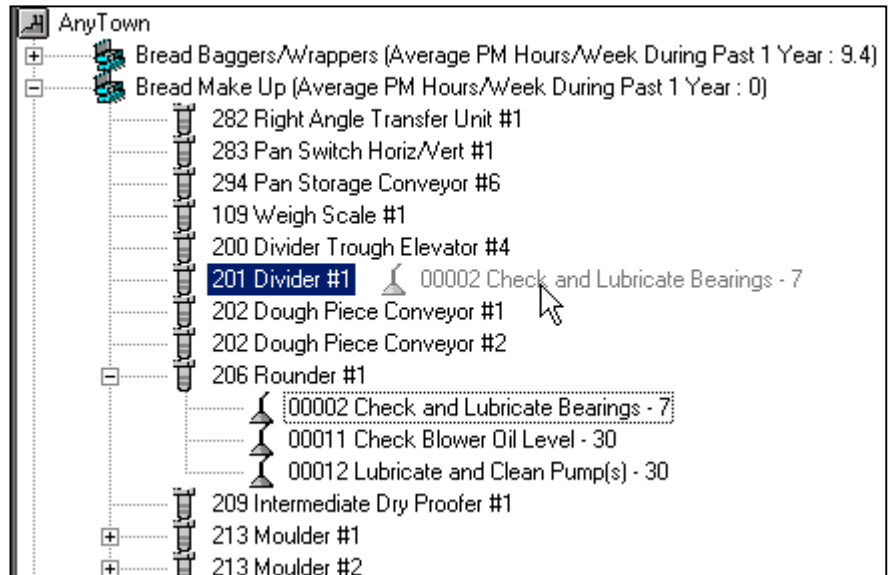


# Unique Features

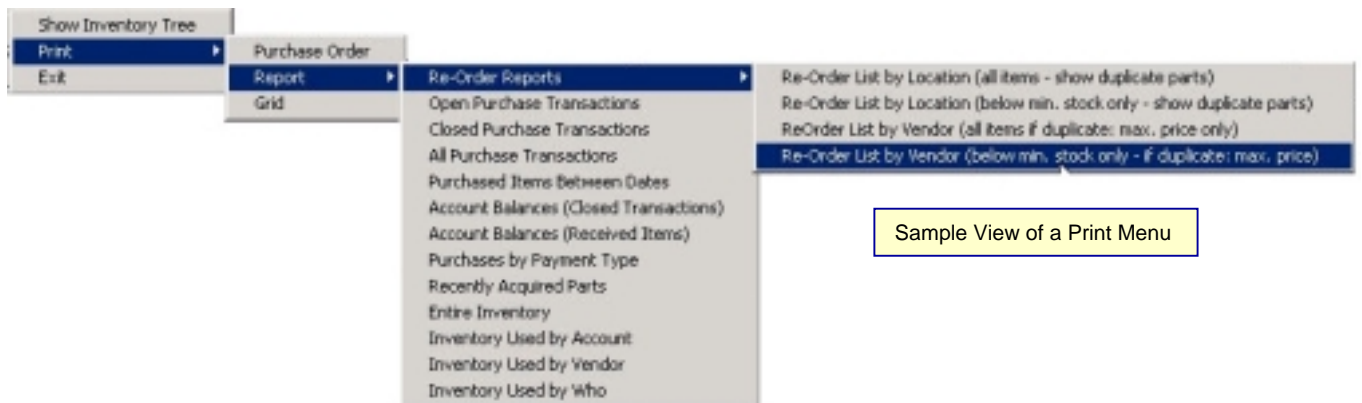
MaintSmart's goal is to manage and maximize the efficiency of any maintenance operation and prolong equipment life. MaintSmart separates itself from other computerized maintenance management systems (CMMS) in twelve beneficial ways:

- Uses proven reliability analysis techniques to guide user towards optimum maintenance task list creation based upon real data.
- Rolls ALL costs associated with each equipment item into one value. Work order labor, preventive maintenance (PM) labor, spare parts inventory used, maintenance labor for equipment failure and opportunity cost for manufacturing lost time due to equipment failure.
- MaintSmart rewards you for entering data by providing a vast array of analysis tools. These analysis tools provide detailed/filtered analysis regarding unexpected equipment failure analysis, work orders (completion rate, costs, etc.), PMs, inventory/purchasing management, spares usage analysis and ten different reliability analysis functions using the proven AMSAA military standard.
- Compares personnel skills to required PM tasks thereby optimizing personnel assignments.
- Link inventory parts usage to work orders and PMs. Automatically create work orders and use needed parts based upon meter readings with almost no effort. Of course all labor and inventory costs are linked to the job and equipment item.
- MaintSmart uses drag and drop technology to graphically manage PM task lists and equipment and to create parts requisitions.
- Data sets may be optionally imported directly into Microsoft Excel 97 or above with one mouse-click. Statistics and a chart are automatically created as well. (Optional at no extra cost.)
- Easy configurable without outside help. Configure up to 900 separate top-level entities (plants, hotels, buildings, fleets, or ?). Each top-level entity contains its own data pool of equipment, departments, personnel, inventory, etc. Use *MaintSmart's Quick-Start Tour, User Manual and online help tools to bring you up to speed quickly.*
- Compare personnel skills to required PM tasks thereby optimizing personnel assignments.
- No extra modules to purchase! No expensive programs to buy! MaintSmart is fully self-contained. Simply install MaintSmart and begin benefiting from its powerful features.



- Barcodes for inventory, work orders and equipment labels.

- Network ready: 25 or more concurrent users. Capable of handling many more users if simply analyzing or viewing data or creating reports.

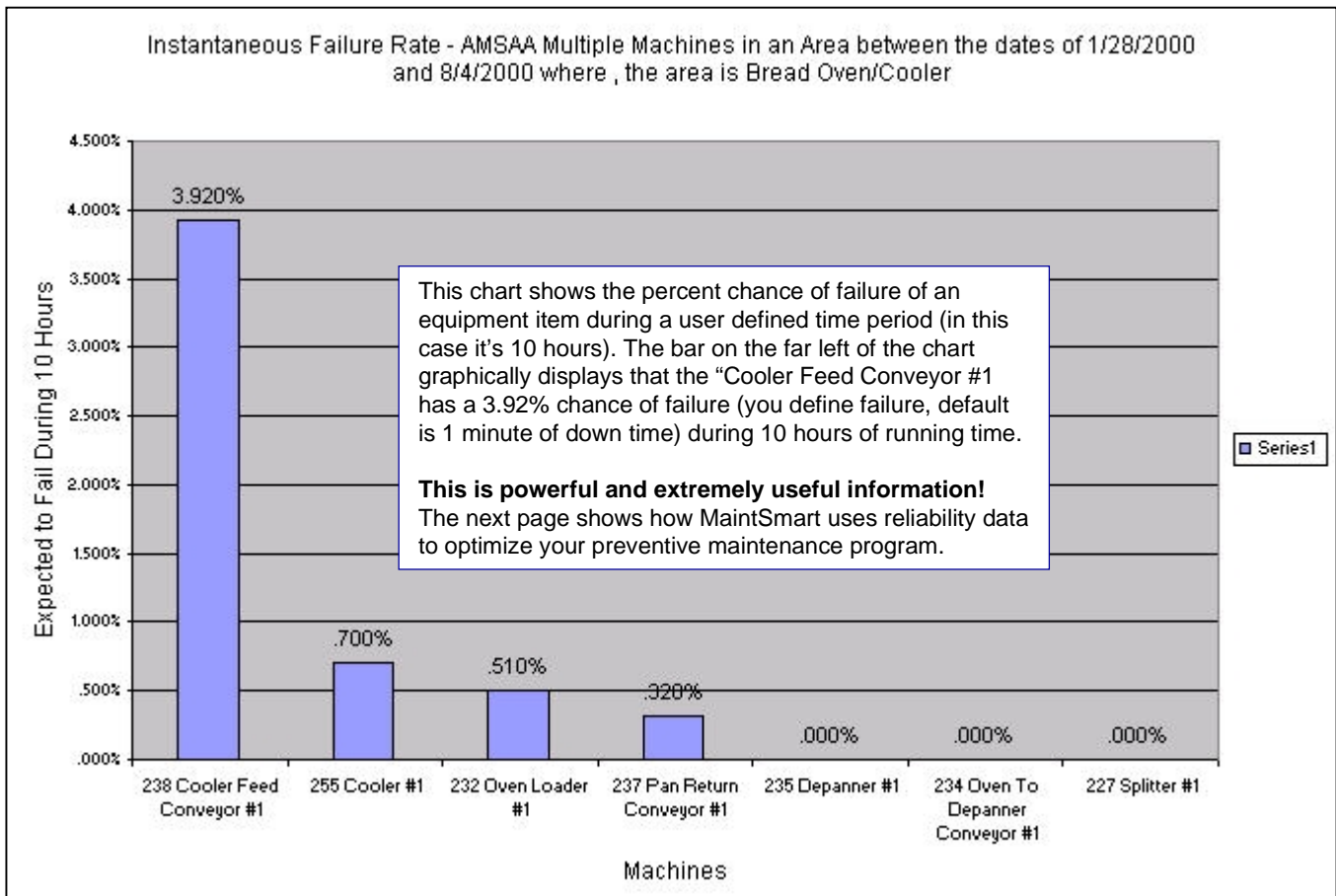


## Reliability Analysis Methods

MaintSmart uses ten different variations of reliability analysis. The AMSAA military standard is used. MaintSmart displays valuable reliability data derived from your equipment runtime schedules and failure data (down time). MaintSmart does all of the work for these highly sophisticated reliability algorithms behind the scenes. You are completely shielded from ANY and ALL complexity. You are simply presented with data you can use and easily benefit from.

MaintSmart provides the following useful information:

- You define what a failure is (For example: 1 minute stoppage, 2, 5, 10, its your call. MaintSmart will work with it).
- Percent (%) reliability.
- Reliability based on estimated uptime. User defines yearly uptime in hours.
- Is failure rate increasing or decreasing during a specified time period?
- How long can an equipment item be expected to run before it fails Mean (average) time between failures.
- What is the percent chance of failure of an equipment item during a specific time period?
- What tasks do I assign to prevent failures?
- Instantaneous estimate of reliability provides reliability information with very little data.



## Reliability Analysis Develops Optimized PM Task Lists

A truly effective preventive maintenance program saves many hours of down time, process interruptions, costly repairs and greatly prolongs equipment life. This can be a difficult goal to achieve though. Without the proper tool creating and maintaining a PM program involves a lot of subjectivity if not guesswork.

MaintSmart uses its reliability analysis features to guide you towards optimum PM task lists. MaintSmart's unique failure cause-based reliability analysis algorithms determine the MTBF (mean time between failure) based upon each failure cause. Failure causes are associated with PM task(s) that when properly performed prevent these failures through a simple interface which is very similar to the skill:task association screen.

Continue to monitor, adjust and optimize PM task lists as conditions change. In many cases the maintenance manager finds that intervals may be lengthened and some tasks even deleted. This frees up more time for other duties.

Machine Reliability	Cost of Equipment	Causes of Failures	PM Assignments	Skill Matching	Extra Data	
ause	Assigned Task	MTBF (Days)	Interval	Count Time Down	Sum of Impact Time	Wage Expen
0015 Table Top Chain Off	00007 Lubricate Wear Strips	10.8132452081476	30	2	23	\$69.90
0034 Conveyor Jammed		60.455412437171				7 \$51.67
0095 Push Bar Failed/Jammed		Insufficient Data				8 \$267.45
0212 Photo Eye Failed		Insufficient Data				0 \$182.35
0058 Gate Broken		Insufficient Data				7 \$112.45
0049 Crossfeed Jammed/Broken		Insufficient Data				0 \$60.78

Right Mouse-Click to Adjust or Add PM Tasks/Intervals From the Reliability Analysis Screen

## Determining Equipment Cost to Own and Operate

MaintSmart calculates the cost to own and operate each equipment item. All costs associated with the equipment item are displayed and the total cost per user defined factor (in this case hour) is displayed in the lower right grid cell. This feature is very useful when deciding upon equipment retirement, new equipment acquisition or to describe the general performance of an equipment item. MaintSmart even provides a simple way for you to create your own conversion factors. For example cost/widget, cost/cycle, etc.

	Time to Repair	Impact to Schedule	Preventive Maintenance	Work Orders	Spare Parts Used	Totals
Total Cost	\$101.31	\$117.66	\$4.71	\$249.67	\$0.00	\$473.35
Cost/Calendar Day	\$5360	\$6225	\$0249	\$1.3210	\$0000	\$2.5044
Cost/Hour	\$0307	\$0356	\$0014	\$0756	\$0000	\$1.433

Analyze and Improve - 211 Proof Box #1

Display:  Time to Repair  Impact to Schedule  Preventive Maintenance  Work Orders  Spare Parts

Conversion Factors

Create Delete

Hour  
Bag  
Boxes

Find Out How Much Any Equipment Item Is Actually Costing to Own

MaintSmart archives, analyzes and reports on work orders, preventive maintenance (PM), down time, inventory acquisition and usage, purchasing, manufacturing schedule history (optional used by reliability analysis), personnel skill, equipment reliability. One way MaintSmart accomplishes its stated goal of "...to manage and maximize the efficiency of any maintenance operation and prolong equipment life." is by isolating each management function in the maintenance operation and providing analysis tools to examine these management functions by themselves or in combination with others. For example: MaintSmart handles PMs separately from work orders. Work orders are considered planned work that is not of the preventive maintenance variety (although you may define the work order type and the type could be "PM" if you need this).

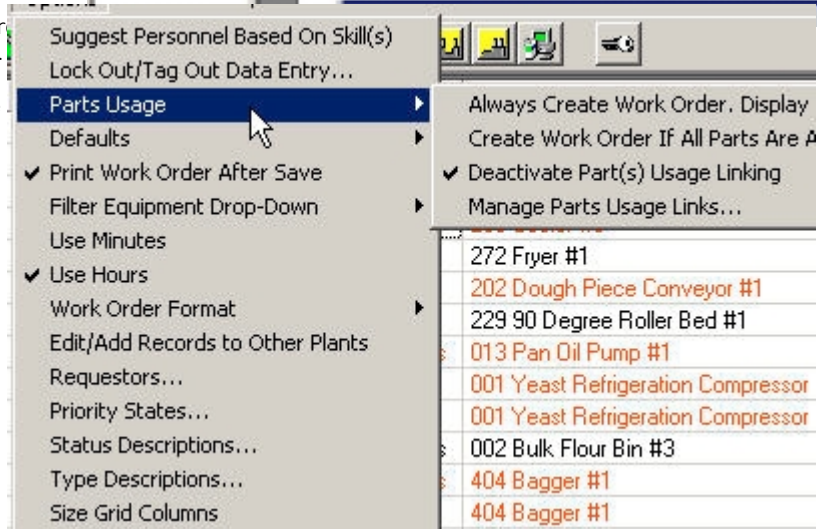
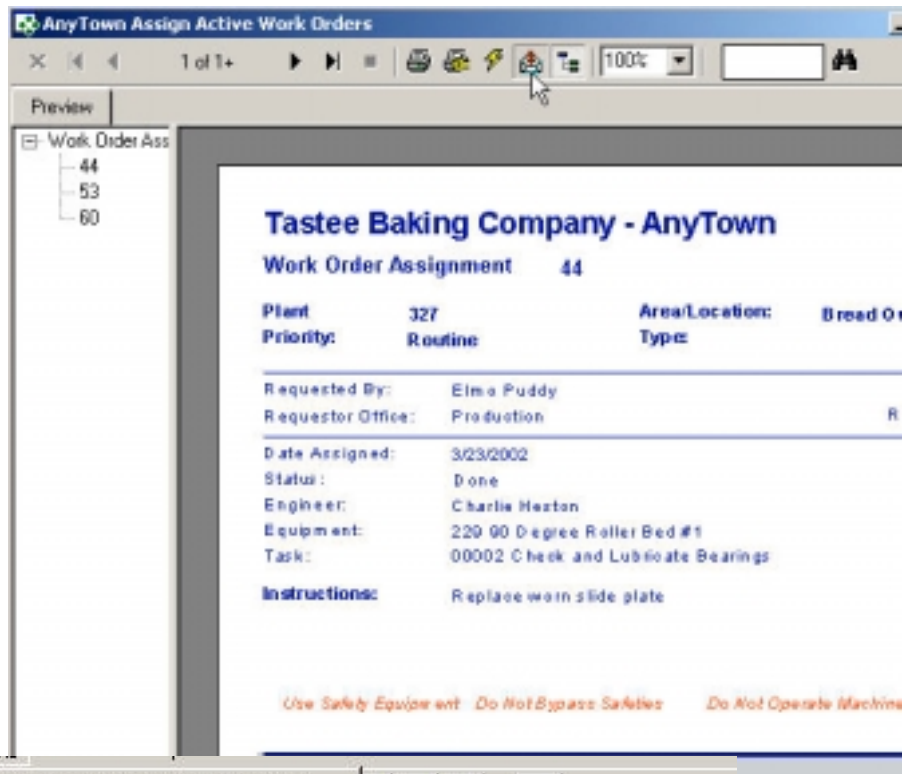
## Work Orders

In order to provide a fast and efficient user interface MaintSmart only requires data deemed essential to issue the work order. MaintSmart provides three different work order print formats. One format includes all parts associated with this work order. The detailed instruction format allows the user to enter up to 2 GB of text for describing the work to be performed. The other format excludes detailed instructions (but does provide an area to enter up to 255 characters of text for short instructions) This format includes a section detailing recent equipment failure instances associated with this equipment item. This is useful in drawing these issues to the attention of the maintenance engineer while he works on this equipment item. Now this is flexibility, isn't it?

### Other Powerful Features of the Work Order/Work Request Section Include:

- Create work orders automatically by linking meters (including "day" meters) to work order templates. Work order templates are "boiler plates" of previously work orders.
- Link inventory items to work order templates. Create a work order and use the needed parts from inventory in one mouse-click!
- Barcodes make locating a work order fast and effortless.
- User defined work order type, status and priority.
- User-defined work order "flagging" for late work orders.
- Issue work orders as HTML, email, Adobe Acrobat, MS Word, MS Excel or standard work order report.
- Each work order associated with one generic task description (later used for analysis) additional specific instructions may be entered.
- Fifteen different ways to analyze work orders
- Type search for the correct task. Type any work contained in task description to locate it quickly.
- Determine percentage completion, percentage completed on time, average work order labor/equipment item and much more with one mouse-click.
- Historical data: completion hours, etc. are permanently logged.

Work Order Options



## Down Time

It's imperative that unexpected equipment failure(s) be tracked in order to accurately implement corrective/preventive measures. MaintSmart goes to great lengths to provide you with a down time data entry interface that is quick but at the same time collects information needed to target problem areas. MaintSmart analyzes down time data in every conceivable way letting you decide how to query the down time database. Data sets are presented in a grid and may be printed or exported directly to MS Excel 97+. No other CMMS analyzes down time and equipment failure data to the extent that MaintSmart does.

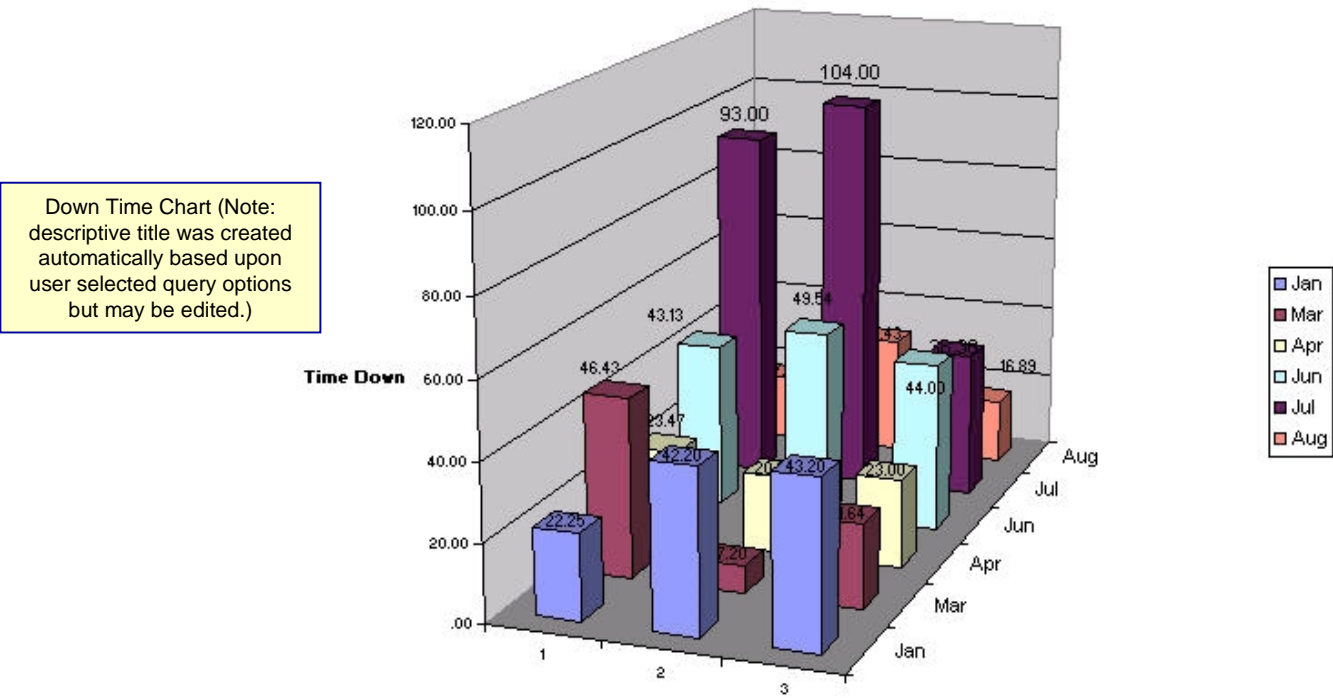
**MaintSmart defines three different but related equipment failure time factors. Use any, all or none of these:**

- Equipment "time down": actual time equipment is inoperable due to unexpected failure.
- "Time to repair": time it took maintenance personnel to implement repair used for calculating labor costs allocated to this equipment failure instance.
- "Impact time": Lost time or opportunity cost associated with this failure. Example: in a manufacturing environment could be additional time lost due to interruption of process resulting in product loss or re-make.

### More down time features:

- Countless ways to analyze down time. MaintSmart isolates specific problems helping you solve equipment failure issues.
- Down time (equipment failure) data is later used by MaintSmart to determine and optimize equipment reliability.
- Statistical functions include Minimum, Maximum, Average, Count, Sum, Variance and Standard Deviation. Simple to use! One mouse-click to perform analysis.
- Automatically create Excel charts from MaintSmart. Note: Excel is Not required to experience MaintSmart's full benefit.

Average of Time Down From 01/14/2002 Through 720 Days Prior to 01/14/2002 Where Plant is AnyTown, Group By Shift; Compare to Date of Down Time Occurrence Grouped by the Month



## Preventive Maintenance (PM)

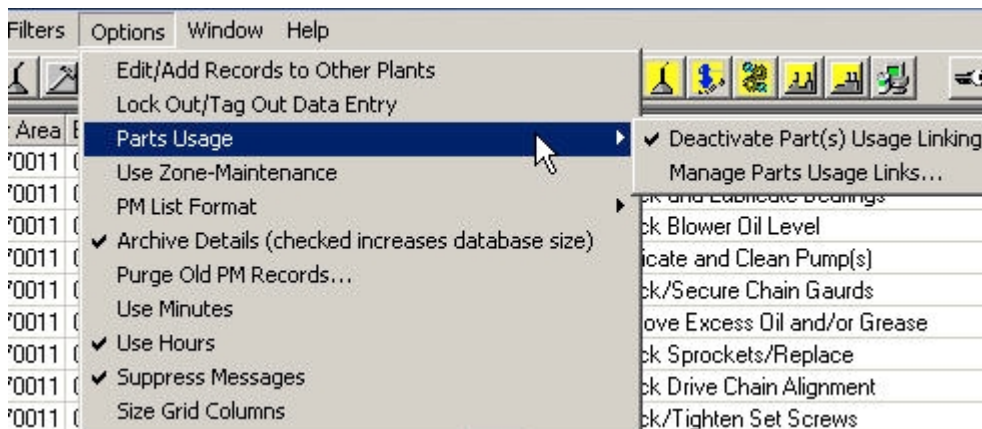
The key to any successful equipment maintenance operation is it's PM program. Setting up a successful PM system can be difficult and time-consuming. In many cases a certain degree of guesswork is involved with task list creation and in determining the proper interval for performing those tasks. MaintSmart solves these issues like no other CMMS. MaintSmart separates PMs from work orders. PMs are performed as a matter of routine on a time or unit basis. Work orders are none-routine work assignments.

### PM Configuration Features:

- MaintSmart uses several time-saving utilities to speed PM configuration. Create the task descriptions by typing or drag and drop.
- Group similar tasks into "task packages". For example "CHAIN7" could represent all tasks that are performed every 7 days on chains.
- Create "Job List Templates". For example suppose you have 10 identical equipment items, simply create on job list template then apply all of these tasks to all ten equipment items with one mouse-click each. Imagine the time saved. This provides consistency as well. Of course you may "tweak" the PM list and remove or add individual tasks too.
- Create the actual PM task lists by adding single tasks, task packages and/or job list templates. A typical maintenance operation with 500 equipment items might take a day or two to create all of the tasks lists. Does any other CMMS provide this functionality?

### PM Task List Features:

- Link inventory items to PM task/equipment. Update a PM and use the needed parts from inventory all in one mouse-click!
- Validating or updating PMs is fast, accurate and simple with MaintSmart. Shortcuts provided are filters by equipment item or equipment area grouping (groups of equipment items maintained by one person).
- "Completed on Due Date" and "Use Default Hours/Minutes" greatly speed up the PM update process (see illustration below). MaintSmart obtains the default hours/minutes from past PM history and averages this time automatically saving lots of time.
- Update many PMs at once. Multi-select then multi-update using <CTRL> or <SHIFT> keys.
- Comments are provided for the maintenance engineer to notes regarding this PM task instance. Detailed instructions may be attached to the PM task by the maintenance manager and are carried over to the following week's PM task list.
- Any uncompleted tasks are automatically carried over to the next task list and are prioritized at the top of each equipment category.
- Skill-based or zone-based maintenance.
- Optionally let MaintSmart suggest personnel for PMs based upon skill to PM task ratio.



PM Options Menu (Note top menu item: "Plants" may be configured to be anything you want i.e.: buildings, fleets, schools, etc.)

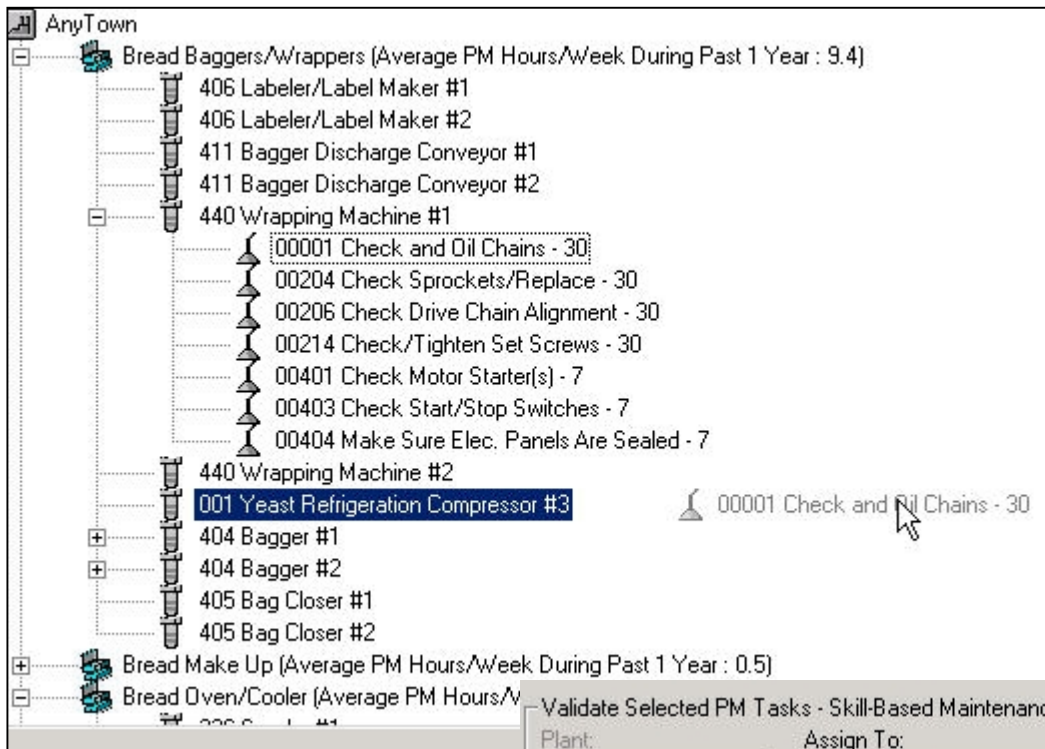
## More Preventive Maintenance (PM)

### PM Analysis Features:

- Analyze PM completion rates, cost of labor, cost of spares used for PM work, percentage of labor applied to PMs by maintenance engineer, average time spent on PMs by equipment item, etc.
- Print the resulting data set in several different ways: MaintSmart detail report, grid report or Excel 97+ report. Email or save reports as HTML, Acrobat, MS Word, MS Excel or text for posting to your company intranet or web site.
- Drag and drop grid columns or create sum, average, variance, etc. on any grid column.

### PM Tree - Drag and Drop:

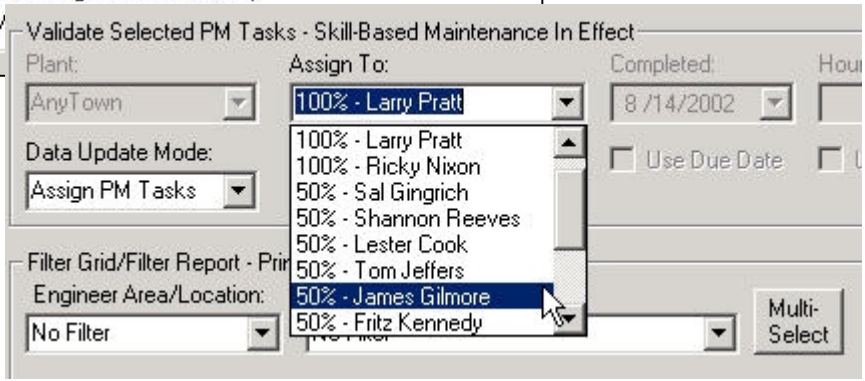
- MaintSmart provides a tree view of equipment work areas (equipment "owned" and maintained by one maintenance engineer), equipment items and their associated PM task lists.
- Equipment may be assigned to a different person (all tasks lists follow their equipment item(s) automatically) and tasks may be copied or moved to other equipment items.



Drag and Drop PM Tasks and Equipment Assignments.

Simply drag then drop PM tasks on equipment. Need to move equipment to another location? No problem! Just drag and drop! Moved equipment brings all of it's PM tasks with it automatically

MaintSmart's flexible PM system works for ANY maintenance operation! Optionally let MaintSmart suggest personnel based upon skill to task ratio.



## Inventory and Purchasing

### A Few Inventory Features:

- Scan MaintSmart created barcode labels to quickly and accurately log parts usage or locate an item in the inventory grid.
- Quickly perform inventory audits with barcodes and MaintSmart's unique physical inventory audit screen.
- Create your own unit descriptions, part associations (i.e. associated with equipment item or generic group such as bolts, wire, etc.).
- In many cases we can import your existing inventory data into MaintSmart.
- Color grid for over maximum/under minimum stock items provides easy identification.
- Many reports available: reorder list by preferred vendor, min./max. stock lists, inventory audit report, location report, physical inventory variance, etc.
- Assign a preferred vendor. Create vendor grouped re-order lists with one mouse-click

The screenshot displays the MaintSmart software interface. On the left, a tree view shows a hierarchy of equipment and parts. The '001 Yeast Refrigeration Compressor' is expanded, showing sub-items like '6T55 - Crank Shaft', 'H600 - valve', 'OL-9976a - Oil Pressure Switch', and 'TX-55 - TX Valve'. The 'OL-9976a - Oil Pressure Switch' is highlighted in blue. Below the tree is a table with columns: Part, Quantity in Stock, ReOrder, Cost, and Minimum Stock. The row for 'OL-9976a...' shows 1ea in stock, a reorder quantity of 3, a cost of 178.50, and a minimum stock of 4. To the right, the 'Reorder Inventory Parts' panel shows details for the selected item, including the plant ('AnyTown'), total cost to bring all items to minimum stock levels (\$3921.64), and the quantity of the selected item (2 TX-55 - TX Valve @ 78.9). A context menu is open over the table, with 'Change Vendor...' highlighted. Other menu items include 'Edit/Add Records to Other Plants', 'Enable Notify If Below Minimum Stock', 'Save All Values From Last Record', 'Save Common Values From Last Record', 'Physical Inventory Variance - Copy Current Inventory Data', 'Copy Inventory to Another Plant...', 'Edit Part Location...', 'Add/Delete a Part Association...', 'Add/Delete a Unit Description...', and 'Size Grid Columns'.

Tree View of Entire Inventory  
 Drag and Drop Spares  
 Requisition

MaintSmart Associates Spare  
 Parts With a Preferred Vendor

Part	Quantity in Stock	ReOrder	Cost	Minimum Stock
OL-9976a...	1ea	3	178.50	4

Reorder Inventory Parts

Plant: AnyTown

Total Cost to Bring All Items to Minimum Stock Levels: \$3921.64

Quantity of Selected Item: 2 TX-55 - TX Valve @ 78.9

Quantity of Selected Item:  Change

Total Cost This Requisition: \$157.80

Options Window Help

- ✓ Edit/Add Records to Other Plants
- Enable Notify If Below Minimum Stock
- Save All Values From Last Record
- Save Common Values From Last Record
- Physical Inventory Variance - Copy Current Inventory Data
- Copy Inventory to Another Plant...
- Edit Part Location...
- Add/Delete a Part Association...
- Add/Delete a Unit Description...
- Change Vendor...**
- Size Grid Columns

## More Inventory and Purchasing

**Purchasing "Print" Menu Options:**

- many reports
- labels (incl. barcodes)
- purchase orders
- receipt notes and more

**Re-Order Reports**

- Open Purchase Transactions
- Closed Purchase Transactions
- All Purchase Transactions
- Purchased Items Between Dates
- Account Balances (Closed Transactions)
- Account Balances (Received Items)
- Purchases by Payment Type
- Recently Acquired Parts
- Entire Inventory
- Entire Inventory (Total Value >0)
- Inventory Used by Account
- Inventory Used by Vendor
- Inventory Used by Who Used
- Inventory Used by Why Used

### Parts Usage Features:

- MaintSmart creates barcode labels for inventory parts. Scan the parts to quickly and accurately log usage. Print labels for all parts received under one purchase transaction.
- As parts are used they are associated with the equipment item they were used on and the reason why the part was used. For example: down time, PMs, work orders or other. Information available regarding parts usage: why used, who used, where used, when used, account charged, etc. may be analyzed quickly to provide valuable information regarding these equipment costs.
- Notification when a part is below minimum stock level or above maximum stock level.
- Return parts to inventory by simply deleting or editing a usage record in seconds.
- Lower grid (illustration below) provides choice of part to use when two or more identical parts have been acquired a different unit prices.
- Increase/decrease the quantity of an existing record with very little effort.
- Validates all data and quantities making it impossible to enter an invalid record.
- Locate parts quickly with "Filter Parts" drop-down box (see illustration).

**Inventory Usage Screen**  
 (Note below min. stock red alert text)

Date Used	Where Used	Who Used	Quantity	Units	Part Number	Description	Ur
12/22/2001	201 Divider #1	Charlie Heston	6	ea	F-998	Filter Sock	\$1
12/22/2001	455 Full basket Conveyor #1	Charlie Heston	2	ea	H88-9992-Z	Vibrator	\$9
12/22/2001	400 Cooler Discharge Conveyor #1	Bill Rehnquist	1	ea	H600	valve	\$4
12/22/2001	003 Bulk Flour Conveying Blower #1	Charlie Heston	4	ea	TX-55	TX Valve	\$7

Part Used: F5G6674D-A \* Rotor

Quantity Used: 1 ea    Date Used: 1/14/2002    Who Used: Clarice Thomas    Why Used: Down Time    Cost Center: AnyTown Plant    Account Charged:

Parts Used: 1 ea of F5G6674D-A \* Rotor @ \$1399.00

Date Acquired	Quantity Available	Item Type	Unit Cost	Purchase #
7/12/1900	1	Inventory	\$1399.00	0

Order: 1ea (0 available)

Buttons: New, Delete, Save, Cancel

## More Inventory and Purchasing

### Purchasing and Spare Parts Acquisition Features:

- Acquiring inventory is simple. Create a purchase transaction (one transaction for one vendor) then add the parts you wish to purchase to the transaction. Create barcode labels for this transaction only if needed.
- Receive all or part of a purchased item. As parts are received these parts are automatically entered into inventory and made available for use.
- Return parts to the vendor with very little effort. Inventory records are automatically updated!
- Running total displayed on screen.
- Flexible label creator creates three different label formats.

### Inventory/Purchasing Analysis:

- Analyze inventory in 15 different ways.
- Summary fields in detail reports provide valuable information (see illustration).
- Email reports from MaintSmart. Save as Adobe, HTML, MS Word, MS Excel, or export to any number of different databases.



An 'Export' dialog box is overlaid on a report. The dialog shows 'Format' set to 'Character-separated values' and 'Destination' set to 'Microsoft Mail (MAPI)'. A sub-menu is open under 'Destination' with options: Application, Disk file, Exchange Folder (highlighted), Lotus Notes Database, and Microsoft Mail (MAPI). The background report shows a table of inventory items used by an engineer.

Engineer:		Bill Rehnquist				
2001 -	12/22/2001	Rotor	1 ea	\$1,399.00		\$1,399.00
2001 -	12/22/2001	valve	1 ea	\$42.34		\$1,441.34
2001 -	12/22/2001	Sifter Screen	2 ea	\$180.98		\$1,622.32
Summary Engineer:						
Total:				\$1,622.32		
Average:				\$540.77		
Maximum:				\$1,399.00		
Most Frequent:		Rotor				

Inventory Used by Who Used (Note summary fields: total, average, maximum, most frequent)

## Meters

Meters may be defined to fit your maintenance application. For example: revolutions, cycles, cuts, etc. MaintSmart also provides a default "Day" meter. When you link a work order template (boiler-plate of existing work order) to a meter MaintSmart creates a new work order for you whenever a meter expires. Update the "Current Reading" of meters by manually entering the reading or by creating a DDE link to the meter record. This feature is useful if you have a network of programmable logic controllers (PLC). Create meter links to PLC memory addresses then simply press the "Update Readings" button to update all DDE linked meters.

- Create work orders with almost no user input by using meters with work order templates.
- DDE meter links automatically update meter readings.
- Configure DDE servers, topics and items to fit your maintenance system.
- "Requestor Only" user permission for work orders and purchasing.

king Company - Unlicensed Version - [Work Orders/Work Requests - AnyTown]

Meters Flags Barcodes Invoices Options Window Help

Create Selected Metered Work Orders  
 Refresh Date Meters  
**Options**  
 Manage Meters...  
 Manage DDE Links...

Check For Expired Meters On Load  
 Auto-Print Metered Work Orders  
 Auto-Refresh Date Meters  
**Always Update Current=Last-Performed+Interval**  
 Always Prompt For Current and Last Performed Readings

Oven/Cooler 202 Dough Piece Conveyor #1 00002 Ch

Take a close look at these menu items. MaintSmart works hard to make your life simple and to provide for accurate data collection with hardly any effort by you.

Meter Link

Options Help

Meter/DDE Tag Linking			DDE Link Item Tags			DDE Server/Topic Definitions	
Meter_Name	Meter_Interval	Meter_Unit	Current_R	DateStamp	LastPerf_R	DateStamp_LastPerf	InProgress
nor Overhaul	100	cuts	234	2/9/2003	198	12/19/2002	<input checked="" type="checkbox"/>
nor Overhaul	100	cuts	234	2/9/2003	198	12/19/2002	<input type="checkbox"/>

Microsoft Excel - Book1

File Edit View Insert Format Tools Data Window Help

A1 = 234

1 234

2 qqq

Notice the value "234" is automatically recorded as a "current meter reading" for the linked meter by simply pressing the Update Readings button.

Create DDE meter links with MaintSmart. These meter links are DDE link items available from DDE server applications such as Excel, RSLinx and many more. By linking memory addresses in PLCs on the plant floor you can automatically update current meter readings with one button click. Similarly you may find it easier to enter current meter readings into Excel rather than the MaintSmart meters screen. By linking Excel cells to MaintSmart meters you may update all current readings in no time at all. Now this is a powerful feature not found in any other CMMS!

## Scheduler

The scheduler provides a way to graphically schedule PMs and work orders while minimizing overtime. You may create virtually an unlimited amount of unique schedules for your maintenance employees. Next assign your employees to the appropriate schedule. Thereafter each employee's schedule is drawn in the scheduler grid using a color you define for that schedule. Assign PM task/equipment combinations and work orders by selecting PMs and work orders from their prospective list views then drawing the job into the scheduler grid. You may define the time segment as a multiple of 60 with a minimum segment of 6 minutes. You may also print work orders directly from the scheduler grid by right mouse-clicking the scheduled work order and selecting the print option from the pop-up menu.

Monday - Tuesday	2/10/2003 10:15:00 PM	2/10/2003 10:30:00 PM	2/10/2003 10:45:00 PM	2/10/2003 11:00:00 PM	2/10/2003 11:15:00 PM	2/10/2003 11:30:00 PM	2/10/2003 11:45:00 PM	2/11/2003
Shannon Reeves								
Frank Pierce								
Tom Jeffers								
James Gilmore			WO #42	WO #42	WO #42			
Ricky Nixon								
Fritz Kennedy				327271001-20	327271001-20			

WorkOrder	Machine	Task	Assigned	Name
<input checked="" type="checkbox"/> 42	202 Dough Piece Conveyor #1	00002 Check and Lubricate Beari...	3/11/2002	Charlie Heston
<input checked="" type="checkbox"/> 53	001 Yeast Refrigeration Compres...	00001 Check and Oil Chains	7/5/2002	Ricky Nixon
<input type="checkbox"/> 58	404 Bagger #1	00002 Check and Lubricate Beari...	7/11/2002	Ricky Nixon
<input type="checkbox"/> 60	001 Yeast Refrigeration Compres...	00001 Check and Oil Chains	7/11/2002	Lester Cook

User-defined schedules are automatically drawn in the above grid. Change the time segment to 6,10,15,15, 45 or 60 minutes (displayed is 15 minute). Draw jobs into the grid then print the schedules for distribution to employees. Right mouse click on scheduled work orders to print actual work order.

Define Schedule Name, Schedule Days and Schedule Start and End Times

Schedule Name (up to 24 characters):

Shift Start Time:

Shift End Time:

Sunday
  Monday
  Tuesday
  Wednesday
  Thursday
  Friday
  Saturday

Creating schedules is simple with MaintSmart. Create multiple overlapping schedules then set a color for each schedule for easy identification in the scheduler grid.

## System Considerations

MaintSmart needs the following hardware and software to function optimally:

- Windows 32 bit operating systems: Win 95, Win 98, Win NT, Win 2000, Win ME
- At least 166 MHz single or dual processor(s) 300+ MHz is better.
- 64 MB RAM memory.
- 40 MB hard disk space for program files.
- as much as 30 MB hard disk space for database file.
- CD ROM for installation.
- Two button (or more) mouse
- 15" monitor or larger. MaintSmart resizes itself.
- Network ready up to 25 concurrent users.

## Security

MaintSmart provides application level security. This is useful when you want to let subordinates enter their own data in one or more areas but restrict them from entering or editing data in other areas. For example suppose you want subordinates to be able to create a work order or work request but not print or perhaps update the work order. Perhaps you want subordinates to be able to enter down time data but not edit it or see the data for another top-level entity. This is easy to do with MaintSmart.

The benefit of this is the manager may now delegate some data entry tasks to subordinates thus freeing the manager up for other duties (or a longer coffee break).

- Create user groups. Create as many as you need.
- Give permissions to the user groups.
- Add users to the groups.
- MaintSmart monitors logged on users' session duration.
- "Requestor Only" user permission for work orders and purchasing.

## Support

- Sixty days from date of purchase toll-free phone and email support - Free
- Unlimited email support thereafter indefinitely - Free
- Additional support at \$300/year entitles user to all updates and toll-free support.
- Fax support also available - Free
- Extensive help features including user guide, web help, application help file, status bar tips, examples, MaintSmart User Zone (web).

