

As the Wrench Turns

CPMS User's Journal

What is your Plant's score?

Self Auditing?

A few years ago we sent out some examples of a number of the CPMS reports to the chief engineers and their management. At most of the plants some of the summary reports were identified as valuable tools to help determine problems areas and a plan for corrective action. At a few plants there was a feeling that providing these reports might "make us look bad".

Examples of reports which you are probably already distributing to management and using to improve your operation are the Top Ten Report, Work History Summary, and Equipment History Summary. Going back to grade school we certainly understand the pros and cons of having our performance evaluated.

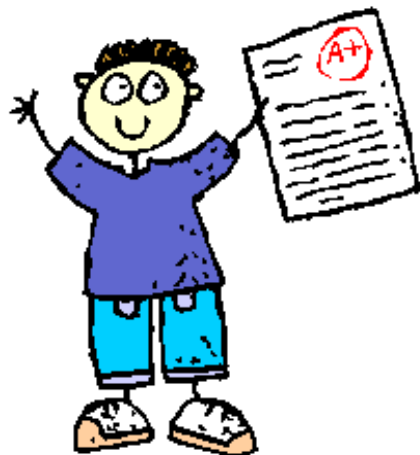
In order to determine how you are

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doing with regard to preventive maintenance and inventory control, you need to establish a standard to use to measurement your performance. It is our job to provide you with the best possible tool in CPMS to help you achieve your goals. And, it is your job to use it to the best of your ability.

In addition to the various reports provided by CPMS for you to determine how well your Maintenance department is doing, we would like to discuss two additional areas which will help you. They are the Plant Summary screen on your Main Menu and a CPMS audit you can take to see how you score. This discussion begins on page three.



2004 ASB Conference

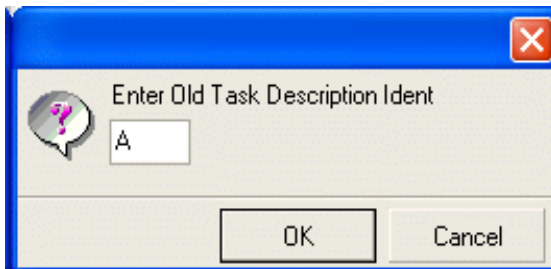
We attended the American Society of Baking Annual Conference the first of this month. In addition to meeting many of our customers face to face and showing off CPMS to prospective clients, we were also in the Micro Seminar Solutions where our presentation was "Challenging the 'Run-To-Failure' Mindset". It was great seeing the Baking Industry from every angle and not just "the wonderful world of Maintenance".

The current "low carb fad" was certainly a hot topic. I thought Melissa Johnson, President's Council on Physical Fitness, said it best. We are always looking for someone else to blame and this time it's carbohydrates. We're not very good about accepting responsibility for what we eat and we want a quick fix.

A small life style change of only 100 calories per day through a tiny adjustment in diet and exercise, will result in a ten pound loss in weight over a year. We need to get this message out to all the folks who are buying fewer bakery items.

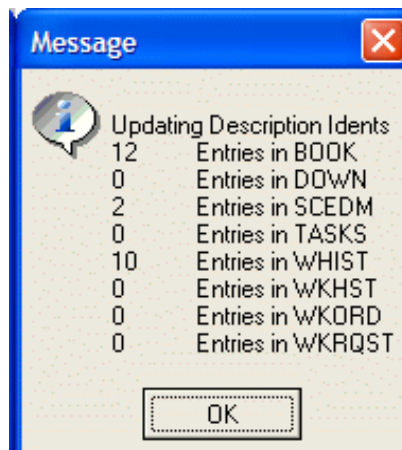
What's in an icon?

So much of CPMS 4.0 is made up of "little changes". And, redesigning CPMS from top to bottom, certainly provides an opportunity to do things not only differently, but better. Think of an icon as a traffic sign. You know what's coming up without even reading the sign. Here are some examples:

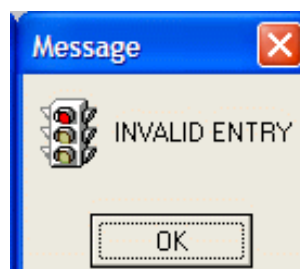
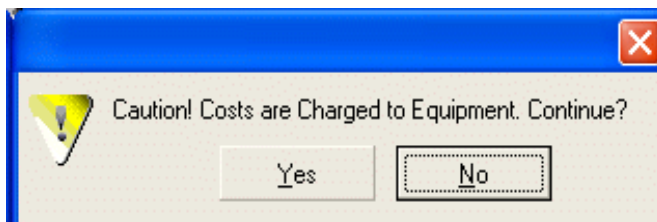


A "question mark" indicates you need to answer a question of enter some information.

An "I" icon is just an informational display which is a pause for you to read a message.



A "warning sign" gives you a chance to change your mind.



And, of course, a "stop light" means that you made a mistake and you will need to try again.

In the same way that you move your foot to the brake pedal when you see a stop light, we hope that the use of icons in CPMS 4.0 will make the driving easier.

And the Winners are...

Jeff Marshall from Perfection Bakery, Ft Wayne, IN; Ken Redden from Klostermanns Bakery, Morristown, IN; and Kimberly Montminy of Canada Bread, Langley, BC. Does anyone else notice that there seems to be pretty much the same winners each newsletter? Only you can change this nasty trend.

The last quiz asked you to list ALL the steps you would take to generate your PM schedule "beginning yesterday" and what would be the best way to avoid this problem in the future. All the winners knew about carefully setting the clock back a day but missed the second portion of the question which was to schedule your PM every week but at least two weeks at a time in order to have a "buffer" in case you forget. (We gave them 75% of the prize money.)

At some plants on a network they do not have the ability to change the clock. We may need to make "going back in time" a Supervisor option although there are a number of problems if you use CPMS with the wrong date.

CPMS Quiz

On the Plant Summary screen in the Inventory section, there is an entry for parts with no Unit Price and those with no activity for more than three years.

You are asked to print out the standard Parts Inventory report to take to the spare parts room and find all the parts which have no activity this century, with no price, and at least one on the shelf. What would be your selection and sorting conditions? Assume all your parts have accurate data. (It's our quiz, we can pretend!)

Good luck!!!

Plant Summary “audit”

Please take a good look at the Plant Summary screen below although you see it every day. (The plant layout and “hotspots” on the left side are new to version 4.0.) The three questions you should ask yourself are:

- Is our data current?
- Are there open items which we need to close?
- Are there trends or flagged items which need our attention?

Without going any further than your Main Menu you can get a pretty good idea of what portions of CPMS you are using and how effectively.

Going from top to bottom:

Data Base Reloaded on: This should be done every week. (Back up your files more frequently.) A red check mark indicates it was last done more than a week ago.

Part Usage Cycle Ends on: Part cycle count dates are in the System Configuration. A red check mark

indicates it is past due.

The **Refresh** button will recalculate all the values on the screen and reset the date below. (Supervisor password only.)

The **Clear** button will blank out all values on the screen for confidentiality. (Supervisor password only.) If you are logged in as other than the Supervisor, you will not see dollar amounts.

Work Requests: Open-U, Open-A and Oldest-A

If your plant is using the Work Request module, you can always see the number of unapproved, approved and oldest request. Your action should be to track down any old/approved requests.

Work Orders: Open, Ready, and Oldest

Your action should be to track down any old/ready work orders.

Preventive Maintenance:

There should always be Open PM's scheduled for the current period (week) and possibly the period (week) just completed.

Plant Summary

Data Base Reloaded on: 01/01/03 Refresh Clear

Part Usage Cycle Ends on: 11/01/02 02/18/04

Work Requests	Work Orders	Preventive Maintenance
Open-U 1	Open 3	Open 0
Open-A 1	Ready 3	From
Oldest-A 10/16/02	Oldest 10/16/02	To

Purchase Requests	Purchase Orders	Part Transactions
Open 1	Open 6	Open 1
Oldest 10/17/02	Oldest 12/05/01	Oldest 10/14/02

Orders- last 4 weeks: \$0.00 Issues: \$0.00

Inventory

Line Items	100	Total Unit Price	\$9,739.26
No Unit Price	30	Total Avg Price	\$7,225.59
No Activity in 3 yrs	18		\$8,578.26

Failures Last four periods ending on:

	11/04/02	10/07/02	09/09/02	08/12/02
Equipment	10	2	3	11
Outages	2.2	0.4	0.6	2.4
Manufacturing				
Outages	10	2	3	11
Lost Time	1.5	0.3	0.4	1.6

PM Efficiency

Assignments	160	176	155	163
Completed %	85	93.2	92.9	98.2

Computerized Preventive Maintenance System

Purchase Requests: Open, and Oldest

If your plant is using the Purchase Request module, you can always see the number of approved and oldest requests. Your action should be to track down any old/open requests.

Purchase Orders: Open and Oldest

Your action should be to track down any old/open purchase orders.

Part Transactions: Open and Oldest

Your action should be to track down any old/open part transactions.

Orders and Issues - last 4 weeks:

At most plants, what you order and issue each period should be similar. Investigate any major differences.

Inventory:

A number of common inventory questions are right at your fingertips. For example: number of line items, the total value of your inventory (current and average price), parts with no price, and the number and value of parts with no activity in the last three years. Your action should be to use this information to correct errors and improve the quality of your Inventory.

Failures - Last four periods ending on:

Equipment and manufacturing failures (count and minutes) for the last four periods is automatically displayed in the Plant Summary. Your action is to insure your data is current, monitor trends, and take corrective action as necessary.

PM Efficiency:

Assignments and completion percentages are displayed for the same four periods as Failures (above). Your action is to improve completion percentages which should reduce equipment failures.

In our next newsletter, we will discuss how to set up Standards and Measurements for your department in order to move up to a higher level of performance.

**For you folks who wait until the last minute...
We still have space available at our Work Shop in
Las Vegas. Let us know if you can make it.**

Dennis Fleming
IISCO

2337 Hemlock Farms
Hawley, PA 18428
Tel.: 570 775-7593
Fax: 570 775-9797
Cell: 570 351-5290
E-mail: iisco@ptd.net
www.TheBestCMMS.com