

# As the Wrench Turns

## CPMS User's Journal

### CPMS 4.0- We're ready. Are you?

#### List of Changes

In order to take advantage of all the new capabilities in our RBase 7.1 data base manager, every screen form, report, and programing code was rewritten and redesigned. But, in order to make the transition as straightforward as possible, we kept the "look and feel" of CPMS similar to the prior versions.

In addition to adding new features we have particularly enjoyed making adjustments to CPMS functions which just didn't quite work the way we (and you) wanted them to. Some of these are highlighted in this newsletter.

Speaking of newsletters, with so much effort being devoted to CPMS 4.0, we fell behind. But, as we continue to roll out new changes in CPMS will be more than back on schedule.

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For those plants who may still be using earlier versions of CPMS, here is a partial list of what you are missing:

- 100% Windows style forms, reports and functionality, including proper minimizing and form closing.
- Drop down menus for all program functions. The submenu selections make it easy to navigate through all of your choices.
- Your plant layout on the Main Menu allows you to point and select equipment graphically and to see "Hot Spot" locations for all troublesome machines.
- Compressing, Backing up, and Reloading your CPMS files are three separate powerful functions. Backups are timed stamped to the minute allowing for multiple daily backups while CPMS is running!
- Screen forms have a navigation bar with active controls highlighted and a new first/last row choice. Every button/object on a form can have hints and program logic "behind it" allowing for virtually unlimited functionality.
- New/better Calendar popup for all your date entries.
- "Meaningful colors" for warnings. For example- low part quantities.
- Spell checker for all your note fields and PM duties.
- Integrated graph for Top Ten, Work

History Summary, and Equipment Failure reports. The graphed data follows the report selection you just printed on the prior page(s).

- All reports now have the full date (text month, day, year), time, page "1 of 15", and your plant name.
- When printing reports or using the Query/Edit function, you can select a variety of other output formats including Adobe-PDF, Excel, Word, Rich Text, etc.
- The purchase order module now allows you to Order and Receive in one step along with numerous other enhancements.
- The Data Base Analyzer has a "self audit" option which checks if you have any missing PM's for your equipment.
- When generating PM's, CPMS will determine if a late PM has "wrapped around" to its normal scheduled date. Any duplicate PM's are deleted and the Schedule Date and Due Date are printed right on the PM Work Card.

CPMS 4.0 is priced at \$295 per plant. We recommend training for all of our customers making this important transition, and for a limited we will still include the upgrade price in our daily on-site consulting rate.



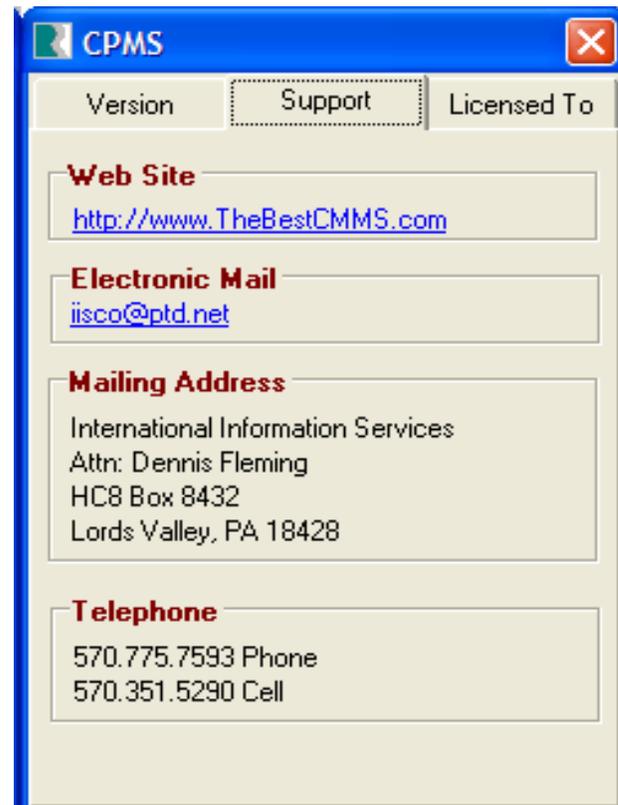
## CPMS Support

There is nothing more frustrating than having a question or problem and not being able to get help. In order to make sure you avoid this situation, the CPMS Main Menu now has an “About” selection so that you are only one click away from contacting us.

The “Version” tab shows which version of CPMS and the RBASE program you are using. And the “Support” tab has our web address, email address, mailing address, and our phone numbers. If you have either internet or email access, one click and you have “reached out and touched us”.

## And the Winners are...

Sandra Deal at Lewis Brothers, Evansville, IN, and Lucy Munoz at Mission Foods, Fresno, CA, each received 50% credit on the last CPMS newsletter quiz. It turned out to be trickier than intended so we’ll do better this time.

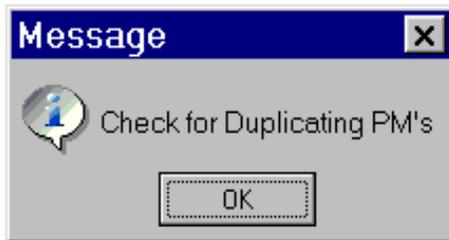


## CPMS Quiz

If you haven’t tried it already, go to Edit (choose any table) and make up a complex selection with multiple conditions. On the bottom of the Power Search screen choose the “Save” button next to “Prior Selections”. (You can now add a comment to your selection in order to document it for future reference.)

When you go to another function in CPMS which uses the Power Search function, you can click on the “Get” button to see prior selections for the same table.

**For \$100**, what are the other functions which use Power Search where you can take advantage of the Prior Selections you have saved?



| Equipment | PM | Task_Date | COUNT (*) |
|-----------|----|-----------|-----------|
| B104      | B  | 12/03/05  | 2         |
| B108      | B  | 12/03/05  | 2         |
| B114      | B  | 12/03/05  | 2         |
| B123      | B  | 12/03/05  | 2         |
| B124      | C  | 11/30/05  | 2         |

Record : 1

View as Grid / View as Row

Table Name : tasks    Browse Mode    Field Name : Equipment    Datatype :

## Rescheduling PM's

Ideally, all the PM's you schedule for your mechanics each week are completed. But, in the real world this is not always the true, so those PM tasks with a frequency greater than a week which are checked as Incomplete or Not Done, will automatically be rescheduled for the following week. This can result in PM's duplicating in a case such as a monthly PM being missed four weeks in a row.

This has been changed to first display PM tasks which

have cycled around to their next due date and then automatically delete any duplicates. And, in order to help you stay on top of your PM's, the "Due Date" is printed on every PM work card.

Each PM still has a printed "Schedule Date", a "Finished Date" for the mechanics to fill in, and the new "Due Date" which always lets you know when it should have been completed.

(Example on the following page)

Print Preview

100 3 Close

November 27, 2005 8:38 PM **Detail Preventive Maintenance Work Card** Page 3 of 9  
 From 11/28/05 To: 12/04/05 **Intl Info Services**

**THIS IS WHERE A MESSAGE TO THE MECHANICS IS ENTER AND SEE HOW IT DISPLAYS IF IT IS ON MORE THAN ONE LINE.**

| EQUIPMENT                  | SCHEDULED  | MECHANIC       | SKILLS | PR | DATE FINISHED | START TIME | PM Minutes | Status | Repair Done | Repair Minutes | Needs Repair | Est Minutes | Item Number |  |
|----------------------------|--|----------------|--------|----|---------------|------------|------------|--------|-------------|----------------|--------------|-------------|-------------|--|
| B124<br>#6 MIXER<br>WEEKLY | 12/02/05   | FROEBOL, ISSAC | M      | 2  | 0:00          |            |            |        |             |                |              |             |             |  |
| Due Date: 09/30/05         |  |                |        |    |               |            |            |        |             |                |              |             |             |  |
| 1                          | CHECK SHAFT BEARINGS, CONDITION OF GLAND SEALS, [REDACTED]       |                |        |    |               |            | 1          |        |             |                |              |             |             |  |
| 2                          | ELECTRICAL: CHECK CONTACTORS, CLEAN OR REPAIR AS NECESSARY       |                |        |    |               |            | 2          |        |             |                |              |             |             |  |
| 3                          | DOOR: CHECK DOOR OPERATION & LINEAR LIMIT SWITCH                 |                |        |    |               |            | 3          |        |             |                |              |             |             |  |
| 4                          | CHECK DOOR LIFTING CHAINS  |                |        |    |               |            | 4          |        |             |                |              |             |             |  |
| 5                          | CHECK DOOR SEAL CONDITION, LEAKAGE & SPACING BETWEEN DOOR & SEAL |                |        |    |               |            | 5          |        |             |                |              |             |             |  |
| 6                          | CHECK DOOR WEAR STRIP, BRONZE WEAR PAD FOR PROPER SETTING        |                |        |    |               |            | 6          |        |             |                |              |             |             |  |
| 7                          | CHECK SPIDERS FOR CRACKS   |                |        |    |               |            | 7          |        |             |                |              |             |             |  |
| 8                          | ELECTRICAL: CHECK CONTACTORS, CLEAN OR REPAIR AS NECESSARY       |                |        |    |               |            | 8          |        |             |                |              |             |             |  |
| 9                          | TROUGH: CHECK CONDITION OF LINER                                 |                |        |    |               |            | 9          |        |             |                |              |             |             |  |
| 10                         | CHECK CLEARANCE OF AGITATOR SPIDERS                              |                |        |    |               |            | 10         |        |             |                |              |             |             |  |
| 11                         | CHECK DRAIN OPERATION, CHECK ALL MOUNTING BOLTS                  |                |        |    |               |            | 11         |        |             |                |              |             |             |  |
| Total:                     |  |                |        |    |               |            |            |        |             |                |              |             |             |  |

| Item No. | Equipment Number | Task Des. | Description of Work Performed, Necessary Repairs, or Notes |
|----------|------------------|-----------|--|
|          |                  |           |  |
|          |                  |           |  |
|          |                  |           |  |
|          |                  |           |  |
|          |                  |           |  |

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## New Work Order Report

On the next page is an example of the new Work Card report option where you can attach multiple drawings or pictures to any Work Card you enter.

When you print out any Work Card, CPMS will automatically find attached drawings/pictures and print them on subsequent pages.

Using the Draw button, you can also attach drawings and pictures to Equipment, Parts, and Equipment Failures. And, the filename of the attachment can be up to 25 characters which makes it easy to enter meaningful file names.

In summary, this is an exciting time for CPMS. All of those enhancements we wanted to make... we are making. The best is yet to come!

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November 28, 2005  
10:05 AM

### Work Order Work Card

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Intl Info Services

**THIS IS WHERE A MESSAGE TO THE MECHANICS IS ENTER AND SEE HOW IT DISPLAYS I F IT IS ON MORE THAN ONE LINE.**

| EQUIPMENT               | SCHEDULED | MECHANIC        | START PR | START TIME | ORIGINATOR & DATE | DATE DONE | START REPAIR TIME |
|-------------------------|-----------|-----------------|----------|------------|-------------------|-----------|-------------------|
| <b>B191</b>             | 11/23/05  | CAMPBELL, JOHN  | 3        | 0:00       |                   |           |                   |
| #1 BAGGER               |           |                 |          |            |                   |           |                   |
| WORK ORDER              |           | <b>R0002496</b> |          |            |                   |           |                   |
| REPLACE AIR CYLINDER    |           |                 |          |            |                   |           |                   |
| Required Parts (if any) |           |                 |          |            |                   |           |                   |
| 48089-1                 | 1         | BW50N           |          |            | AIR CYLINDER      |           |                   |

November 28, 2005  
10:09 AM

### Work Order Work Card

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B191 #1 BAGGER (Not Defined)  
Work Order Date: 11/23/05 Task Number: **R0002496**

