



PIUSI

MC Management System Software

Software Installation

The software is compatible with Windows 98, Me, NT4, 2000 & XP
256Mb RAM, 500Mb Free Disk space, USB or Serial Port.
-Check that you have the correct model reader (USB or Serial)

Windows XP sp2 requires a download to be installed from
www.centretank.com/java/msjavx86.exe
Type WINVER in the Run dialog box to check windows version



Insert the PIUSI CD. The CD should automatically run and launch the software installation menu.

CLICK

To Install software, and follow on screen prompts to RUN or OPEN the application depending upon operating system.

NEXT

To confirm the correct application

YES

To accept the license agreement

NEXT

We recommend that the destination folder is left as default to aid in any troubleshooting.

NEXT

Select STANDARD INSTALLATION for a new fresh install
Select UPGRADE to keep existing refuelling data
* Take a copy of any existing installations before proceeding

NEXT

Tick ALL boxes if a fresh install or select just required components

NEXT

Accept default location for program icons and start menu items

The program will now install the required files to the location specified and return to the main launch menu.



If you are using a SERIAL link as shown opposite please now proceed to the software configuration section.

LEGEND



Use Installation CD

CLICK

Follow the direction on the button



Take special note here

CLICK

To Install drivers for the PW14 adapter and follow on screen prompts to run the software.

NEXT

To confirm the correct application

INSTALL

To install the software

The program will now install the required files to the location specified and return to the main launch menu.



If you are using the Blue USB (1-Wire) link as shown opposite then please **remove** it from the PC if you have plugged it in.

CLICK

To Install drivers for the USB (1-Wire) adapter and follow on screen prompts to run the software.

NEXT

To confirm the correct application

NEXT

Select to AGREE to the license agreement

NEXT

Select **BOTH** options for the driver selection screen

NEXT

Follow the prompts to remove the USB lead.

NEXT

We recommend that the destination folder is left as default to aid in troubleshooting.
- Select EVERYONE as the option for the software installation scope.

NEXT

Confirm the installation can now proceed

The program will now install the required files to the location specified.



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Software Installation



Plug in the USB (1-Wire) adapter once prompted and follow the onscreen instructions on installing new hardware.

Select a USB port that will not need to be used for any other function, as once installed the USB device must not be removed or driver re-installation will be required !

- Proceed to check for new drivers if requested.

OK

To close the information window and continue

NEXT

To proceed with the 1-Wire installation Port Selection Procedure

NEXT

Make sure the following is correct
PC PORT TYPE = USB
ADAPTER REQD = DS9490
PORT NUM = 1

**** If this step fails, remove the USB adapter, restart the PC and try the USB driver installation again. If this fails again, then try changing the port that the USB lead plugs into.**

CLOSE

The installation has now completed and will return to the main launch menu.

LEGEND



Use Installation CD

CLICK

Follow the direction on the button

RED TEXT

Important Information



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Troubleshooting COM Ports and Settings

How to find your COM port for Windows 2000/XP

Open Control Panel

- Click on *System* icon
- Select *Hardware* Tab
- Click on *Device Manager*
- Click to Expand the *Ports* Section

Record the COM port and USB Port settings

How to find your COM port for Windows 98/Me

Open Control Panel

- Click on *System* icon
- Select *Device Manager* Tab
- Click to Expand the *Ports* Section

Record the COM port and USB Port settings

Checking the COM Port Communication Settings

Open Control Panel

- Click on *System* icon
- Select *Device Manager* Tab
- Click to Expand the *Ports* Section
- Right Click on the *COM port* to check and select *Properties*
- Select the *Port Settings* Tab

Bits per second	9600
Data Bits	8
Parity	None
Stop Bits	1
Flow Control	None



MC Management System Software

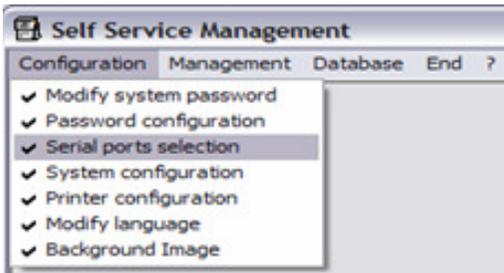
Software Configuration

RED TEXT	Important Information
	Take special note here

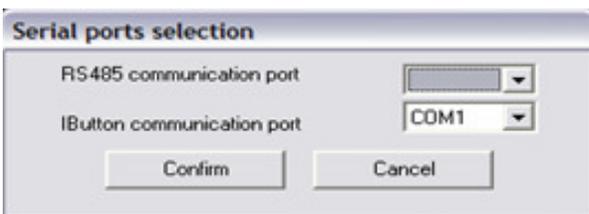
- Launch the application by selecting it from the Program Files Menu



- Select Serial Ports Selection from the Configuration Menu



- Enter the password of "1234"



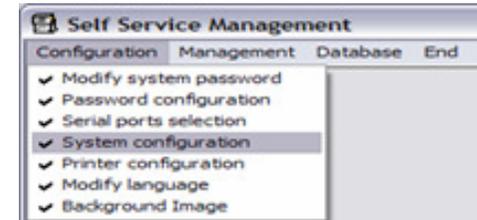
If you are using a hardwire connection then this is your RS485 port adapter using the interface shown opposite. Select the appropriate port type and number from the top dropdown list.



If you are using a Touch Key connection then this is either your COM port adapter or your USB adapter. Select the appropriate port type and number from the bottom dropdown list.

- Click the confirm button and acknowledge the setting selection.

- Select System Configuration from the Configuration Menu



- Enter the serial number of the first MC unit into box 1. The background of the box will now turn yellow. Click on the button next to the serial number box (in this example No. 1) The serial number box will now turn green. Select the type of interface required; RS485 if using the hardwire adapter or Key Only if using the Touch Keys. Click the communication button to verify the connection to the MC – only available if using the Hardwire RS485 adapter.

To view your serial number press on the pump keypad.

1. Enter the serial number
2. Press the Unit Number button
3. Click this button to change the interface type
4. Click here to check the communication if using a hardwire connection only

- Exit this screen once the above steps have been undertaken.



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MC Management System Software

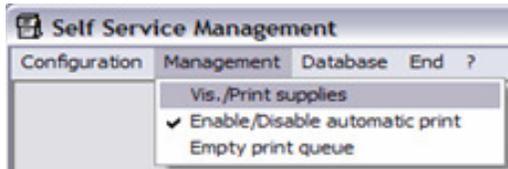
Software Quick Use Guide

If using touch keys, make sure you have taken a download of refuelling data from the MC unit before connecting the RED Manager Key to the i-Button key reader.

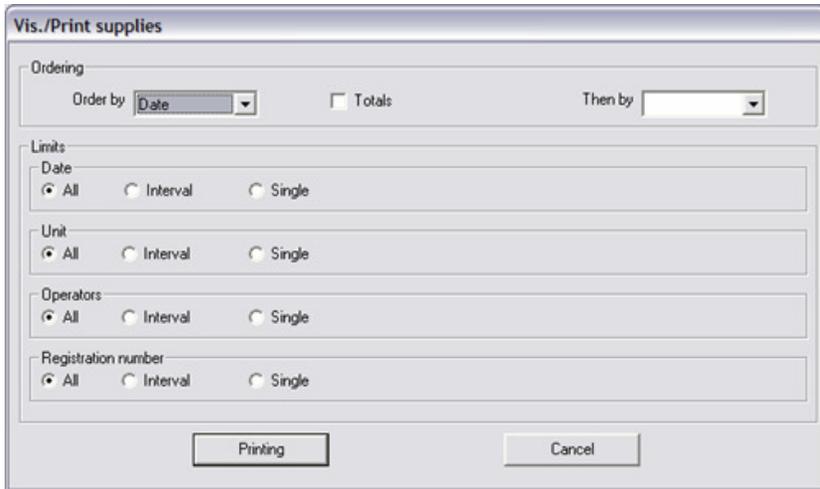
- Touch the RED manager key onto the key reader.
- A window will appear detailing the transactions that have been transferred from the key.
- A confirmation dialog box will be displayed indicating the completion of the operation
- Acknowledge the confirmation and HIDE the window if necessary.

** The above steps are not necessary if using a hardwired connection as the data is transferred automatically.

- Select Vis/Print Supplies from the Management Menu



- Now choose options to enable the narrowing of the display criteria before printing



LEGEND

RED TEXT Important Information

← Take special note here

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- Once retrieved, the supply data will visible to the user on the screen.

SelfService System 01/08/2006 14:22:23

SUPPLIES list

Date	Time	Unit	Reg. number	Odometer	Operator	Quantity
18/01/2006	16:12	2		0	1	2,07
18/01/2006	16:12	2		0	1	2,98
19/01/2006	14:40	2		0	1234567890	3,01
19/01/2006	14:40	2		0	1234567890	3,77

- The user now has a set of tool available to enable the data to be printed and exported along with a set of navigational controls.

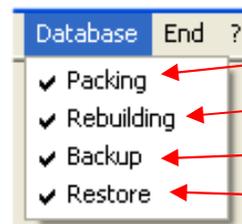


Page Navigation Zoom Print Row information

Export
Common file formats include :
MS Excel
CSV
FoxPro
Text
Crystal RPT
Word / RTF

Attach to an Email
Common file formats include :
MS Excel
CSV
FoxPro
Text
Crystal RPT
Word / RTF

- As good computing practice, we recommend that you take regular backups of your refuelling data. tools to assist this operation can be found under the Database menu.
- Regular backups of the installation folder "C:\Program Files\SelfService" are highly recommended



- Deletes refuelling data up to a specified point
- Rebuilds the database and indexes
- Backup Databases
- Restore Backed up Databases



ENTER Press this key

Scroll in the direction of the arrow

Scroll either left or right

Opens another menu

Touch USER Key

Touch RED Manager Key

Wait Please...

How to add a new user

Touch RED Manager Key and scroll down until USERS is displayed

GOOD MORNING MANAGER

USERS

ENTER

USER ADD ?

Select the ADD User option

ENTER

USERNAME USER1_

Enter a USERNAME to identify the user.

ENTER

NO

USER PIN YES/NO Can the user enter a PIN code instead of using a key ? - Scroll to select option

ENTER

USER PIN ####

Enter a 4 digit PIN number for the user.

ENTER

NO

ELECTRONIC KEY YES/NO Are you using an electronic green touch key for the user ? - Scroll to select option

ENTER

TOUCH USER KEY

Pick a green user key and gently touch the key on the recepticle

INSERT KEY CODE

Hold the key with the silver button on your right, and read the 4 digit code from left to right. ** see note

ENTER

USER NUMBER AUTO/MANUAL

USER NUMBER ###

You can select if you wish to auto number the user or specify a free location. The most popular option is to auto number your users.

ENTER

USER DETAILS ### PIN ****

Confirmation of user details is displayed before the screen returns to the user addition starting point

USER ADD ?

**** Always keep a record of the serial number for the green users keys as the number can become illegible after heavy use.**

How to view configured users

USERS

Touch RED Manager Key and scroll down until USERS is displayed

ENTER

Scroll until the option to VIEW a user is displayed

USER VIEW?

ENTER

Scroll to view details of each user present on the system

USERNAME # ### PIN ****

How to delete configured users

USERS

Touch RED Manager Key and scroll down until USERS is displayed

ENTER

Scroll until the option to DELETE a user is displayed

USER DELETE?

ENTER

Enter the number of the user that you wish to delete without any preceding zeros. This can be found by following the VIEW USER procedure opposite.

DELETE USER NUMB

ENTER

CONFIRM DELETE ? ### USERNAME ****

Details of the user selected for deletion will be displayed with a delete confirmation prompt

ENTER

USER DELETED

USER DELETE?



	Press this key		Touch USER Key
	Scroll in the direction of the arrow		Touch RED Manager Key
	Scroll either left or right		Wait Please...

How to find the system serial number

SYSTEM Touch RED Manager Key and scroll down until SYSTEM is displayed

ENTER

SYSTEM SERIAL NUMBER Scroll down until the SYSTEM SERIAL NUMBER prompt is displayed

ENTER

SERIAL NUMBER #### Make a note of the system serial number as this will be required when setting up the PC connection

Setting the date & time

SYSTEM Touch RED Manager Key and scroll down until SYSTEM is displayed

ENTER

SYSTEM DATE / TIME Scroll down until the DATE/TIME prompt is displayed

ENTER

DATE DD/MM/YY Enter the date in the format shown opposite

ENTER

TIME HH MM Enter the time in the format shown opposite

ENTER

CANCEL

CANCEL Once the time has been entered you must return to the main screen for the time/date change to take effect. Pressing CANCEL twice will return to the main screen.

Checking if a key is valid on the MC System

CHECK KEY Touch RED Manager Key and scroll down until CHECK KEY prompt is displayed

ENTER

TOUCH KEY

USERNAME # ## PIN **** By touching a Green USER KEY on the MC, the users details will be displayed

SYSTEM KEY By touching a red SYSTEM KEY on the MC will confirm if the key is registered correctly.

UNKNOWN USER KEY If the Green USER KEY is not setup on the MC then the error shown opposite will be displayed

UNKNOWN SYSTEM KEY If the Red SYSTEM KEY is not setup on the MC then the error shown opposite will be displayed



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Data Transfer

LEGEND

ENTER

Press this key



Touch USER Key



Scroll in the direction of the arrow



Touch RED Manager Key



Scroll either left or right



Wait Please...



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When touching the key, use a very light pressure !

**** Heavy pressure will irreversibly damage the key ****

DATA TRANSFER

Touch RED Manager Key and scroll down until the DATA TRANSFER prompt is displayed

ENTER

TOUCH SYSTEM KEY



UNKNOWN SYSTEM KEY

If the System Key is unknown, refer to the System Setup Guide for configuring a new System Key to operate with the MC

KEEP IN PLACE
... WAIT ...



DATA TRANSFER
OK / FAILED

The data transfer may take several seconds to complete. DO NOT MOVE the key during this operation as the transfer may fail and need to be restarted.

FULL SYSTEM KEY



CONFIRM MEM KEY
OVERWRITE

ENTER

TOUCH SYSTEM KEY



KEEP IN PLACE
... WAIT ...



DATA TRANSFER
OK / FAILED

If the system key has not been downloaded to the PC and contains 255 refuelling transactions, the user will get the option to overwrite the key. If you choose this option DATA LOSS WILL OCCUR. We recommend that you download the System Key to the PC before performing another Data transfer.

MEMORY EMPTY

No new refuelling transactions have been recorded since the last data transfer.

If the data transfer fails, please restart the procedure.