PCCU32 Version 4.58

Warning!!!!!
This product update is intended to be used with PCCU32 4.5 software ONLY.
Do not attempt to update an older version (PCCU32 4.1x or older) of PCCU32.
The program will copy the setup and associated files to your
c:\temp\pccuservicepack458 directory (temporary directory). If one doesn't exist
the program will create this directory for you. If you have questions or problems
installing this update call Technical Support at (800) 442-3097 Option 2.

Changes from PCCU32 Release 4.57 to 4.58

- Language support for Spanish
- Added support for wedge liquid and orifice selectable units
- Added updates for Pemex support
- Added new board support for EX units board # 2101957
- Corrected issue where PCCU would not display laptop files from tubes 2 and 3 on a three tube station. PCCU would collect and view the data on the screen but not from laptop utilities.

ReadMe File

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WELCOME TO PCCU32 Version 4.58
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The Totalflow Windows Portable Calibration and Collection Unit (PCCU32) is a
set of functions integrated into a single Windows program used for doing setup,
calibration and data collection of Totalflow devices. After getting familiar with a
few basic screens and their functions, users should find PCCU32 easy to use.

This version is required when setting up the new XSeries Totalflow devices.

RE-INSTALLING PCCU32
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If you've previously installed an earlier version of PCCU32 on your computer, you can safely re-install it in the same directory. The installation will not modify any previous setup that you've done for your system or modify any collected flow data.

If you have previous PCCU32 versions and you want to keep them, you should install PCCU32 version 4.58 in a new directory.

SYSTEM REQUIREMENTS FOR PCCU32
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The following table shows the minimum software and hardware requirements for installing and running PCCU32.

Operating system: Microsoft Windows 9X, Windows NT 4.0, Windows 2000 or later.
Microsoft Internet Explorer: version 5.0 or later.
Microprocessor: Pentium
Memory: 128 MB
Hard disk space: 50 MB available for PCCU32
Disk drive: CD ROM drive
Video adapter: VGA or higher resolution
Pointing device: Microsoft Mouse or compatible pointing device

INSTALLING PCCU32 FROM A CD
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IMPORTANT: Close all programs except for Windows when installing software.

Windows 9x, Windows NT 4.0, Windows 2000 computers

1. Insert the CD in the CD ROM drive.
2. The Install Program should automatically load. (Assuming the 'Auto Insert Notification' has not been turned off).
3. If the Install Program does not automatically load, click on 'Start' then 'Run'.
4. Type the CD drive letter plus "setup", .e.g. (E:setup)
5. Click 'OK'.
6. The Install Program will be loaded followed by a 'Welcome Message'.
7. Click 'Next'.
8. Enter your name, your company name and the serial number of your PCCU package.
9. Click 'Next'.
10. Change the Destination Directory if desired.
11. Click 'Next'.

12. Select the type of installation. (It depends on the serial number you entered.)
13. Click 'Next'.
14. Change the Program Folder if desired.
15. Click 'Next'.
16. The installation process will load all the required software.
17. If the install program asks you to restart the computer, please do so before running the PCCU32 software.
18. If you have no message to restart the computer but the screen is displayed for Reading the Readme file or running PCCU32 now. The installation is complete.
19. Check or un-check a selection and click 'Finish'.

VERIFYING THE INSTALLATION WITH PCCU32'S VERSION CHECKER PROGRAM

After installing PCCU32 on your computer, you can run PCCU32's Version Checker program to make sure that all of the PCCU32's modules are properly installed. The Version Checker program will scan for all the required modules to check for their presence as well as their current versions. If any modules are not present or do not have the expected versions, they will be highlighted red in a dialog box.

To run Version Check:

1. Click 'Start'.
2. Select 'Programs'
3. Select the PCCU32 program group. ('Totalflow PCCU32' if not changed)
4. Click "Version Check"

NOTE: If the Version Checker program is flagging any modules, close all programs and restart the computer. Run the Version Checker program again, if any modules are still being flagged call Totalflow Technical Support (800) 442-3097.

STARTING PCCU32
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Click on the Start button, select 'Programs' and from the 'Totalflow PCCU32' group, select PCCU32. This will bring up the PCCU32 shell. If installing the Standard PCCU32 package, there will be three basic Icons, "Connect To Totalflow", "Collection Reports" and "Open configuration File". The PCCU32 Advanced version has one additional Icon that allows you to run WinCCU functions (Host Console, Valve Control, Trending and Remote Communications). Place the mouse pointer on each toolbar button one at a time (without pressing the mouse button) to see a "toolbar tip" that describes the function of each

button. The right-hand side of the bottom message bar also provides useful information. The Icon functions and additional functions are available via the Operate file menu. Most PCCU32 functions appear after being "Connected" to a device.

NOTE: If you are running a resolution other than standard VGA (640 x 480) you will need to go into the Windows "Control Panel", select "Display", then select "Settings", and set the "Font size" to "Small fonts". "Large fonts" does not harm anything, but causes certain text fields to not all fit on buttons or in certain windows.

SETTING UP YOUR SYSTEM
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There are two initial setup parameters that must be setup: the PC COM port in which the PCCU cable will be attached and the Security Code of your devices. To set them up:
- start PCCU32.
- click on the Operate file menu and select 'Setup'->'System Setup'.
- The PCCU Com. Port defaults to COM1.
- To select a different port, click on the down arrow and make a selection.
- Enter the Security Code that matches one of the two level Security Codes of your devices. Matching level 1 of a device gives you read only privileges, whereas matching level 2 will give you read and write privileges. If you connect to a device and your PCCU32 Security Code does not match either code in the device, you will be instructed to enter a different code.

There are more options on the 'Misc' tab. Please click on 'Help' button for more information.

FEATURES AND BUG FIXES
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Version 4.58
- Language Support for Spanish
- Added support for Wedge Liquid & Orifice Selectable Units
- Added updates for Pemex Support
- Added new board support for Ex units board #2101957

Version 4.57
- Fixed Bias setup when entering Temperature Bias for an XMV

Version 4.56
- Enhancements in Calibration screen pertaining to temp bias. (Bias now located under the calibration tab instead of the setup tab)

- Enhancement in calibration check tab. (DP cal check under pressure.)
- Enhancement in file transfer utilities.(Added checkbox to allow for deletion of s: before restoring station files.)
- Enhancement to analysis file editor to allow for flow weighted selection of component values.
- Enhancement to support EX flow computers - SP/DP Range Select
- Enhancement to change baud rate for flash loader
- Enhancement to allow for charger and voltage cal

Version 4.54
- Enhancements in AO calibration
- Enhancements in flash download program
- Warning message when checking/unchecking the box 'Gauge Pressure Device'
- New ini files to support new released XSeries flashes.
- Changes in Valve Control screen to support Pulse Meter.
- Changes to support the latest International XSeries flashes.

Version 4.53
- Enhancements for Holding Register and Operation Applications.
- In entry mode, show registers for data.
- Support K factor in data format 13.10 in entry mode and calibration mode.
- Remote console mode download.
- Laptop file viewer will display more than 100 laptop files.
- Zeroing transducer, calibration events were not logged sequentially as they had occurred.
- Using Local Remote Comm to download Alarm page to FCU, the threshold register is changed to the input register after sending and re-reading back the alarm page.
- Accumulated volume rollover/ Accumulated volume event does not show old - pre rollover value.
- Save and Save-as in analysis file editor.
- In AO calibration, the cal flag is set for the AO and the system cannot talk to the AO until a calibration is completed on the I/O Point.

Version 4.52
- Calibration SP on XRC device when using 'Reasonability Check'.
- Current working directory is reset when using editor under 'File Utilities' menu.
- Date/Time won't be stored in .fcu file
- For Xseries devices the AI select on the Parameter Tab is not used.
- Saving & sending config files to a 6400/2015189 board, 2015272-017 prom, will not change the efm over to extended characteristic from standard characteristic.
- Default calibration to SP mode when first enter calibration mode.

- AO Calibration, show Calibration Complete message after a calibration sequence.
- Support K factor in data format 13.10

Version 4.51
- Displays were not downloaded correctly through *.fcu configuration file.
- Speadsheet files were not initialized when "Initialize Output Files" was checked.
- Progress bar sometimes was not shown correctly when 'Zero Transducer'.

MEX configurable report viewing