

PMCS



Upgrade guide

PMCS software revision: 7.00

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Power Management Control System (PMCS) software revision 7.00.

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Part number: 1601-0277-A1 (May 2013)

Steps to upgrade PMCS 6.3x to PMCS 7.0

This document provides the steps to upgrade version 6.3x of PMCS to version 7.0. Upgrading an older version is not supported directly and has to be done manually. PMCS 7.0 requires Cimplicity 8.2 SIM 4 as a minimum requirement, which can require uninstallation of any previous versions of Cimplicity from the system. See the PMCS 7.0 system requirements before doing the upgrade.

Risks

- All the events stored in database will be lost.
- You will be required to PCGuard license the servers. For PCGuard licensing steps, see the “Licensing” section in the online help file (**PMCSConfigurator.chm** file; place it on the computer desktop).
- Old PowerBuilder utility will not work after upgrade.
- No changes will be possible on any existing Cimplicity projects.
- Cimplicity 8.1 SP7 version license will not work for PMCS 7.0 as PMCS 7.0 is supported with Cimplicity 8.2 SIM 4. User has to buy a new license for Cimplicity 8.2 with SIM 4.
- System cannot be restored to previous version of PMCS. It is advisable to create an image of the existing system before upgrade.
- Uninstalling PMCS 7.0 will remove all the Server and Cimplicity components. No restoration to PMCS 6.3x is possible in this case.

PMCS	Cimplicity version supported	OS version supported
PMCS 6.3x	Cimplicity 8.1 SP7	Windows XP SP3 (32 bit) Windows 2003 Server R2 (32 bit) Windows 7 (32 bit) Windows 2008 Server SP2 (32 bit)
PMCS 7.0	Cimplicity 8.2 with SIM 4	Windows 7 Professional (64 bit) Windows 2008 Server Standard (64 bit)

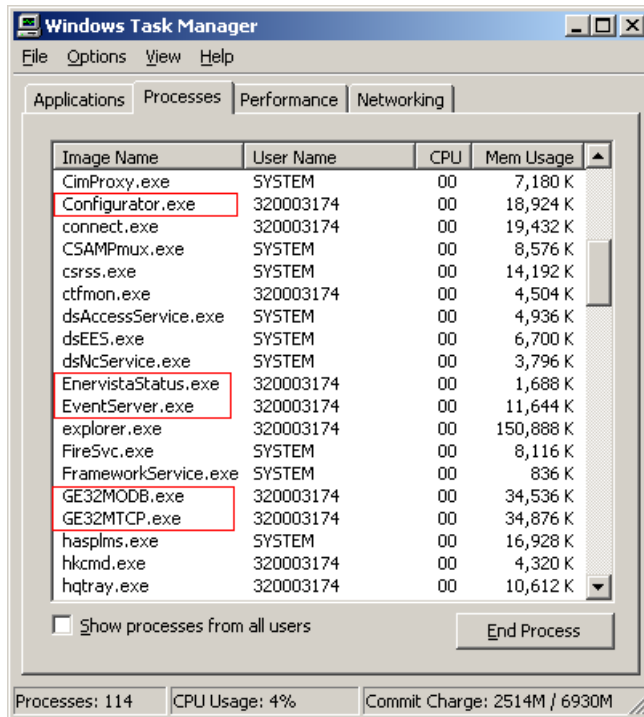
Uninstall PMCS 6.3x

- Stop all the PMCS Servers using the EnerVista Tray Tool, which is available in the System Tray in the right bottom corner of the computer screen. Client applications and Cimplicity Projects can be directly closed using their respective user interfaces.

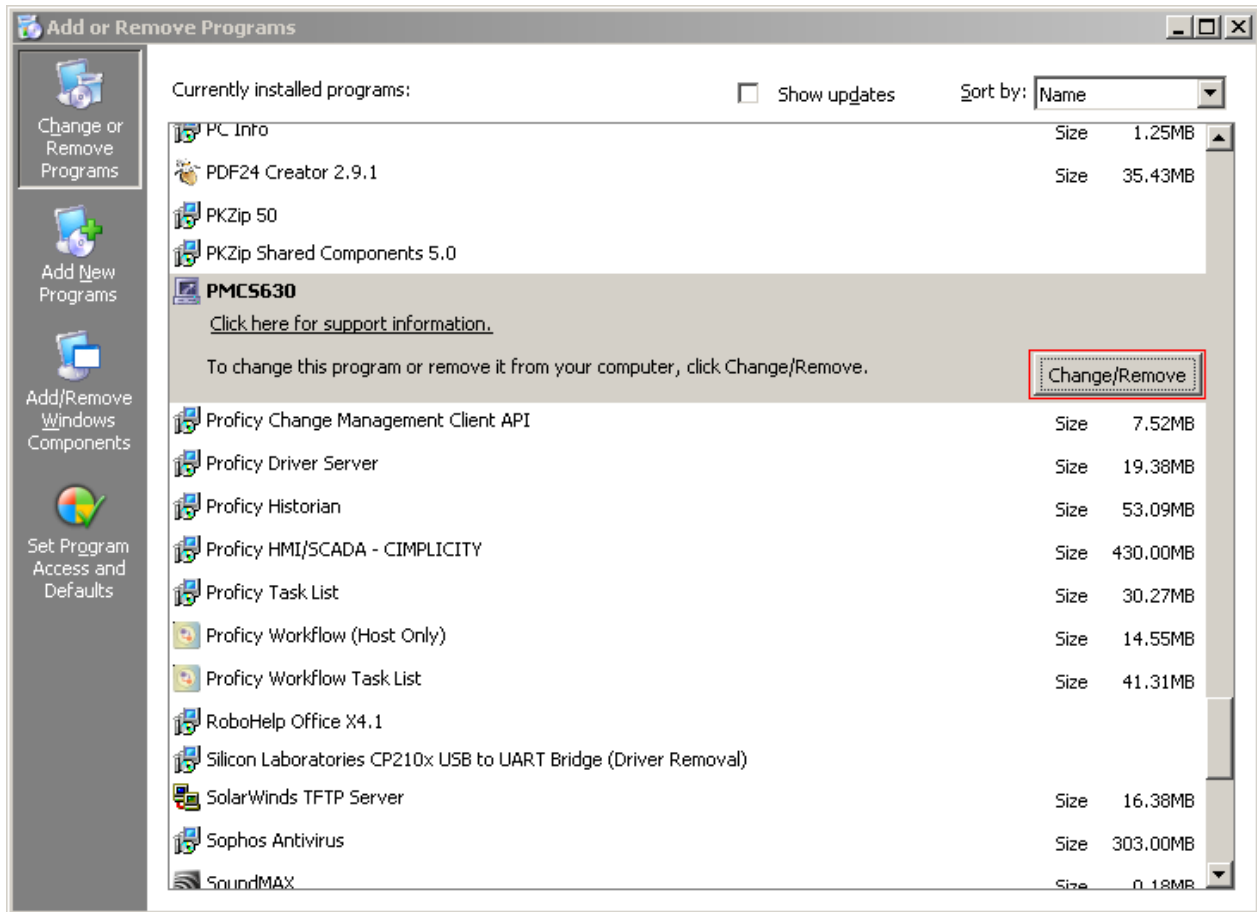


- If there is any issue in closing the Server and Client applications, try using the **Windows Task Manager > Processes** tab to end the processes outlined in the table.

Application name	Process name
PMCS Configurator	Configurator.exe
GE32MODB Server	GE32MODB.exe
GE32MTCP Server	GE32MTCP.exe
Event Server	EventServer.exe
Waveform Server	WFServer.exe
Event Viewer	Eventlog.exe
Waveform Client	WFC.exe
Waveform Viewer	Waveformviewer.exe
EnerVista Tray Tool	EnervistaStatus.exe



- Backups required
 - Create a backup copy of the entire GE_PMCS folder, for example GE_PMCS_6xx.
 - Create a backup of the following registry keys using the Microsoft Registry Editor (regedit.exe; see the **Using Regedit** section later in this document).
 - “Connected Devices” & “Device Settings” under
HKEY_LOCAL_MACHINE\SOFTWARE\GE\PMCS\6.0\WFServer
 - DEVICESSETTING & DEVICENAMES under
HKEY_LOCAL_MACHINE\SOFTWARE\GE\PMCS\6.0\EventLogger
 - Create a backup copy of the **Cimplicity\HMI\PMCS** folder.
 - Create a backup of the **CimPMCSWzrd.dll** file found in the **Cimplicity\HMI\EXE** folder.
 - Create a backup of all your projects.
- Ensure that the old GE_PMCS folder is not present. In case it is still there after uninstallation, delete the folder.
- Make sure that the old registry HKEY_LOCAL_MACHINE\SOFTWARE\GE\PMCS is removed after PMCS 6.3x uninstallation. In case it is still there after uninstallation, delete the registry.
- Uninstall the older version of PMCS, as shown in the following figure.

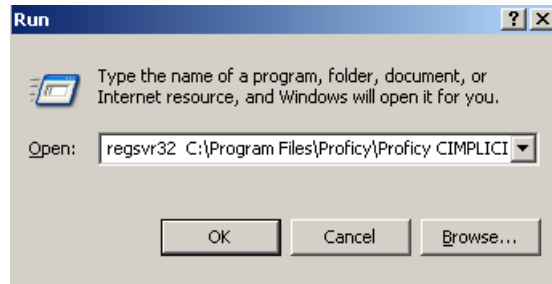


Install PMCS 7.0

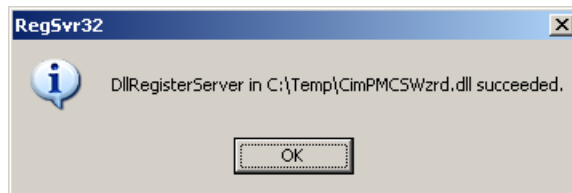
Install PMCS 7.0 as outlined in the **Installation** section in the PMCS Quickstart Guide (PMCS_quickstart_guide.pdf).

After PMCS 7.0 installation

- Copy the backed up **PMCS** folder from the **Cimplicity\HMI** folder to the **Program Files\Proficy\Cimplicity** folder.
- Copy the **CimPMCSWzrd.dll** to the **Program Files\Proficy\Proficy Cimplicity\Exe** folder and register it using **regsvr32**.



Once the registration is successful, following message displays. Click the **OK** button to close the message.



- Do the following to restore all your devices in GE32MODB and GE32MTCP servers.
 - Copy the **Generic.CFG** file from the PMCS 6.3x backup GE32MTCP & Server folder to the PMCS 7.0 GE_PMCS folders (in case there were generic devices added)
 - Copy the Topic.CFG file from the PMCS 6.3xx backup GE32MTCP & Server folder to the PMCS 7.0 GE_PMCS folders
- Restore the events and waveform registry data backed up earlier using regedit.

Using Regedit

In order to copy any key, do the following:

- Double-click the key, for example DEVICSETTNG
- This displays a dialog with the Key Name and value
- Copy the value and save it for future reference

