PowerChute Business Edition is the default UPS monitoring tool that Creo uses to monitor the status of UPS's powering Creo Workflow Servers. PowerChute BE can be used to monitor local or remote machines.

1. REQUIREMENTS

The following is assumed or required:

Description	Reference
PowerChute install image with the Creo Win2K Resource CD or TechPlanet Server Download page.	
• Dell, Windows 2000 ResourceCD	21-0151AU or better
• Dell, Windows 2003 ResourceCD	633-00456AB or better
• HP, Windows 2000 ResourceCD	651-00203AB or better
From APC: http://www.apc.com/resource/include/techspec_index.cfm?base_sku=SFPCBE704	

2. INSTALLING POWERCHUTE BUSINESS EDITION

2.1 Edit the Boot.ini file for UPS use:

1) Start Explorer by selecting **Start** and then **Run**. Enter `Explorer`.
2) Right-click **C:\Boot.ini** and select **Properties**.
3) Uncheck **Read Only** and click **OK**.
4) Double-click on **Boot.ini** to open the file in Notepad.
5) Edit the following two lines to add the text shown in **bold** below:

   multi(0)disk(0)rdisk(0)partition(X)\WINNT="Creo Windows 2000 Server " **/NoSerialMice:COM2**

   multi(0)disk(0)rdisk(0)partition(X)\WINNT="Creo Recovery Console"

   Where (X) could be 1, 2, or 3, depending of the position of the SCSI controller.
6) Save and Close the file.
7) Right-click the **C:\Boot.ini** file and select **Properties**.
8) Select **Read Only,** and then click **OK**.

2.2 Install Powerchute

1) Insert the Prinergy W2K Resources CD, and double-click **H:\ Utilities\APC\Powerchute_Business_Edition\v7.0.4\pcbesetup.exe** to start the PowerChute Business Edition setup program.

2) Click **Setup / Install Product**.
3) From the Product Installation window, click **Install Basic Version**
4) From the Product Installation window, for **Windows Agent** select **Install**, and then click **Next**.
5) If you agree to the terms hit **Yes** to Accept the license agreement.
6) Accept the default directory and hit **Next**.
7) Click **No** when asked, "Would you like to automatically search all communications ports for an APC UPS". A dialog box will now appear which will prompt you to select the UPS type and Communication Port that the PowerChute Agent's host uses.
8) Select the following:

UPS Type:	Smart UPS
Communications Port	COM2 or USB

9) Click **Next**.. Enter the following Username and Password and note case sensitivity for both.

Username	**administrator**
Password	**creo**

10) Click **Finish**.

2.3 Install the Server:

1) From the Product Installation window, for **Windows Server** select **Install**, and then click **Next**.
2) If you accept the Terms outlined hit **Accept** the license agreement and click **Next**.
3) Enter **`administrator`** for the username and **`creo`** for the password. The username and password must be the same as the Agent.
4) **Clear** the **Automatically check for product updates** check box, and then click **Next**.
5) Click **Finish** to complete the installation.
6) Create your configuration profile (These are the global settings for all of your PowerChute Agents):
   a) Click **Next** to the Create Configuration Profile window.
   b) Select **Broadcast Messages** check box, and then click **Next**.
   c) Select the **Entire Domain** check box, and then click **Next**.
   d) From the Power-Protection Strategy window, select the **Preserve Battery Power** check box, and then click **Next**.
   e) Click **Next** to the prompts and **Finish** to the Changes Complete window.
7) From the Device List Configuration window, select the Agent (Should be the Server Name) under **Discovered Devices:** and click **Add**

8) Click **Apply.** You should see the Server start collecting information from the Agent and complete successfully.

9) Select **Close**.

10) Select **No** the Register Online.

2.4 Setting up Client

If you wish to connect to a Local or Remote Server's Agent from your desktop you must install the PowerChute Client.

1) On your **ResourceCD:\W2K_Util\APC\Powerchute Business Edition\v7.0.4** or TechPlanet run **pcbesetup.exe**.

2) Select **Setup → Install Product**.

3) Beside Windows Console select **Install → Next**.

4) If you agree to the Terms outlined select **Yes** to the license agreement.

5) Uncheck **Launch PowerChute** and click **Finish**.

3. STARTING CLIENT AND CONNECTING TO THE SERVER

1) Select **Start → Programs → APC PowerChute Business Edition → Console**.

2) Suggest you select **No** to Feature Monitoring if prompted during 1st time startup.

3) Supply credentials:



a) There has been several UserNames and Passwords used during the Creo Workflow Lifespan. If one doesn't work, try another one.

Note:

- **Both** the **UserName and Password** are **case sensitive**.
- PowerChute Authentication has nothing to do with Win2K's authentication, so the Administrator password for NT does not need to match that of PowerChutes.

Old Credential	Username	CreoService
	Password	pathfinder
New Credential	Username	**administrator**
	Password	**creo**

b) Supply Server Host Name. This Server must have **PowerChute Agent** and **Server** installed and their Services running.

Client is connecting to	Use
Local Agent	127.0.0.1
Remote Server's Agent	ServerName (must be fully qualified domain name) ie.MyServer.creo.com or 192.197.218.xxx

c) Click **Connect**.

4) Still can't connect:

a) If you find no matter what username / password you use you still cant get in, it is recommended you completely uninstall PowerChute through **Control Panel → Add Remove Programs** and install it again.

4. GETTING UPS STATUS

When connected you should see something like this:

4.1 Default Status View

- At any point press the  button to query an update from the UPS Agent on the Server.

- Select 

and press  to display an update of the overall status as shown below.

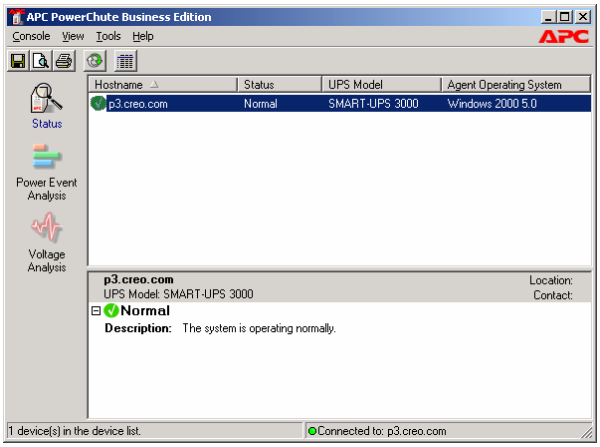


Figure 1 Status View

4.2 Power Event View

Select 

and press  to display an update of any events the UPS has recorded as shown in Figure 2 Power Event Analysis below.

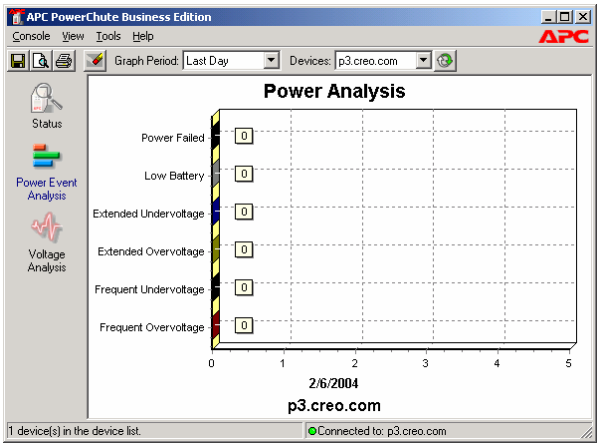


Figure 2 Power Event Analysis

4.3 Voltage Analysis View

Select 

and press  to display a graph of the power in the UPS has recorded over a given time as shown in Figure 3 Voltage Analysis below.

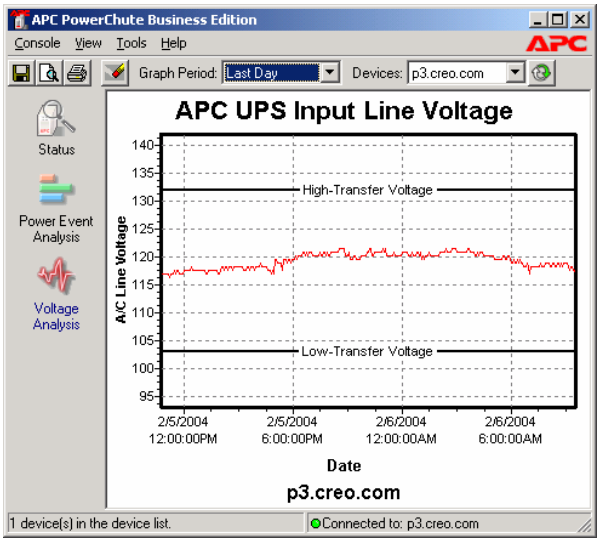


Figure 3 Voltage Analysis

5) Select the graphs time range by selecting Graph Period from the pull down.

5. FURTHER INFORMATION

For further help click the  at the top right of the window. This will take you to APC.Com where you can look up online help.