



Configuring PowerMonic Remote Communications





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1.0 Introduction

Remote Configuration is applicable for PowerMonic 35 and 45. It enables users to remotely access PowerMonic data. Thus, saving time, money and manpower while speeding up data analysis via PowerMonic Software.

2.0 Software Upgrade

Uninstall old version PowerView from PC and install PowerView 4.7.3. The new release is bundled with PowerMonic Firmware loader and the PM Sync software. Please refer to the PM Sync Technical Manual for PM Sync user instructions.

Please access CHK Power Quality's website to download Power view 4.7.3.

The user will need additional files, download the following folders to PC Desktop:

- PV4setup_4_7_3.exe
- Firmware file
- Utilities file
- Manuals

Download all relevant files to the user's preferred location.

3.0 Establish Remote Communication in PowerView

Launch Power View 4.7.3 and click Connect to PowerMonic. Select Direct Cable connection when the PowerMonic Connection Mode window launches. The PowerMonic Operation window will appear, click on the Comms Module Config tab and click on Default. The Ethernet and 3G details will establish automatically.

Make sure Powermonic firmware is at least 4.54



PowerMonic Operation - PowerView 4.7.2

Control Panel | On-line Monitor | Advanced Controls | **Comms Module Config** |

Site Description Version: 1

3G

APN 3G

3G User Name

3G Password Show Password

PAP only Authentication

Ethernet

Static IP

NetMask

TCP Listen Port 1

TCP Listen Port 2

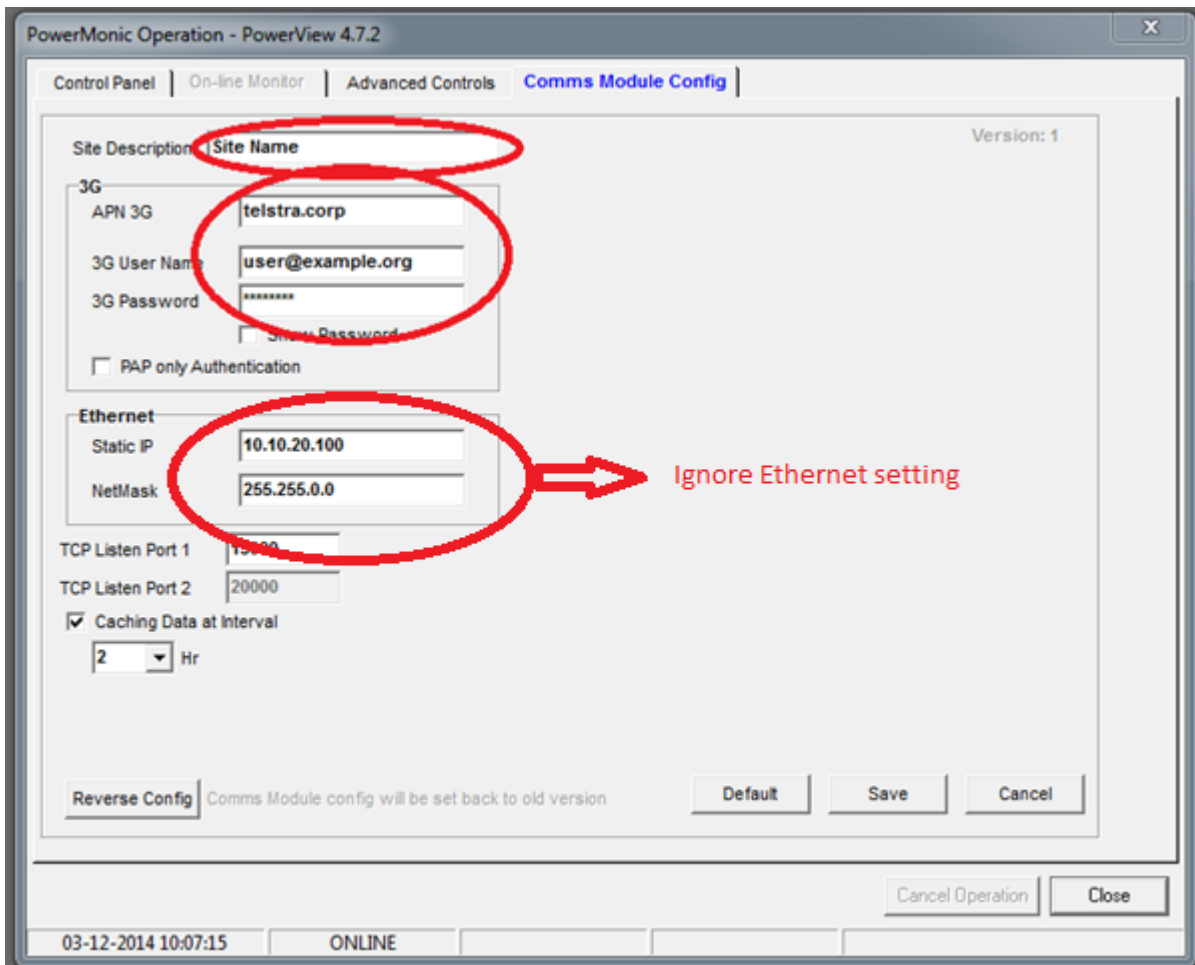
Caching Data at Interval

Hr

Comms Module config will be set back to old version

03-12-2014 10:06:58 | ONLINE

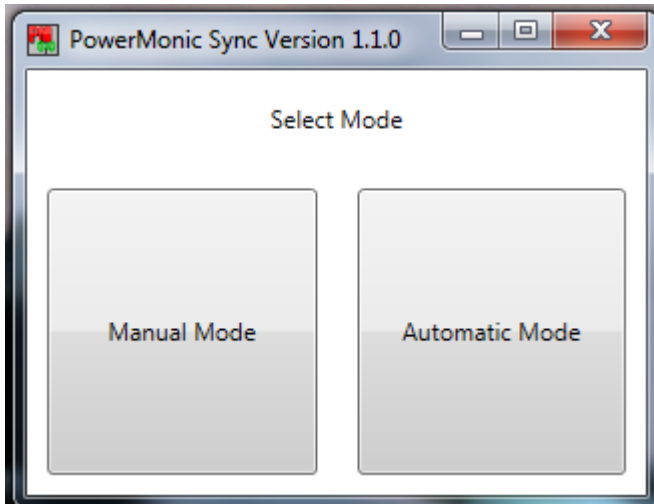
- Enter a site description
- Enter 3G settings provided by your sim card provider



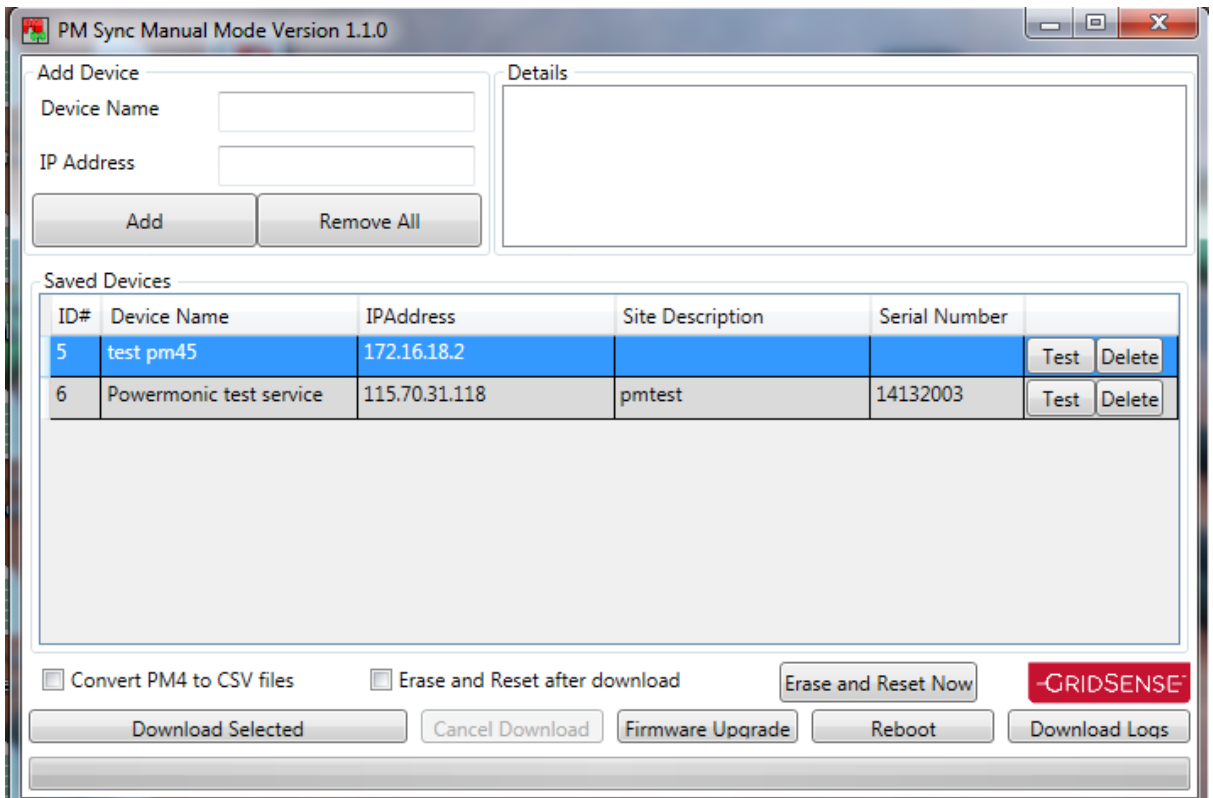
- Don't change Ethernet settings unless you have been provided with an ethernet cable
- Press save
- Go to Advanced Controls
- Press Reset PowerMonic

4.0 Validate Comms Module

Open PM Sync



- If opened from start menu, choose Manual mode

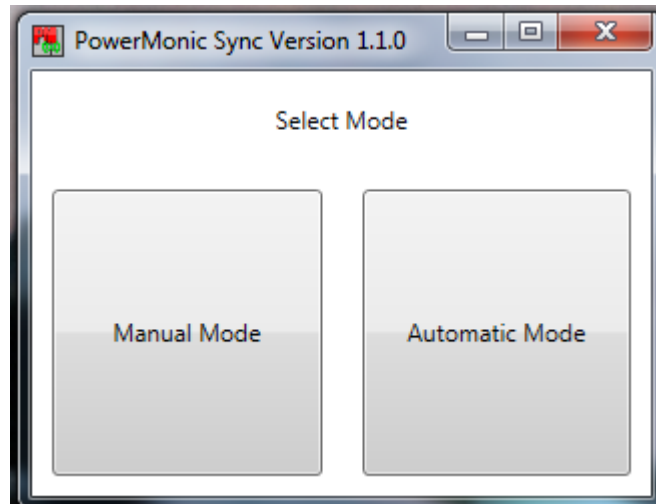


- Enter a name for the PowerMonic
- Enter the IP provided by your sim card provider
- Press Add
- Make sure the powermonic is connected
- Press Test
- Make sure firmware and BSP is up to date [screenshot]. Contact CHK if out of date.
- PM remote comms is ready to use.



- Press Test. The powermonic details(serial number,firmware version etc will appear in detail window.
- PM remote comms is ready to use.

5.0 Configuring Automatic Mode



- PM Sync can be setup in automatic mode to download data.
- Scheduler can be used to download the data periodically.



PM Sync Automatic Mode Version 1.1.0

Device Name:
IP Address:
Add Remove All

Details

Saved Devices

ID#	Download	Device Name	IPAddress	Site Description	Serial				
1	<input checked="" type="checkbox"/>	powermonic	220.233.176.146	00000000000000000000	13025014	Test	Delete	FW Upgrade	Reboot

Download Path: C:\Users\user\Documents
 Convert PM4 files to CSV Erase PM After Downloading

Scheduler Settings: Daily Weekly Monthly Cron Expression (Advanced)

Max Concurrent Downloads: 8

Scheduler Status: No Download Scheduled

Start Download Scheduler
Stop Download Scheduler
Download Now

GRIDSENSE

6.0 Technical Support

Please contact for support through sales@chkpowerquality.com.au