How to debug EVC programs online through TCP/IP

Applies to:		
Platform	OS version	WinPAC/ViewPAC utility version
WP-8x3x/ XP-8x4x	All versions	All versions
WP-5000	All versions	All versions
VP-23W1/ VP-25W1	All versions	All versions
VP-4131	All versions	All versions

To online debug the EVC programs, perform the following steps:

Tips & Warnings

⚠ You must install the WinPAC SDK before you can develop any EVC programs. The WinPAC SDK is a Software Development Kit (SDK) that contains C header files, C libraries and documents.

Below is the step-by-step procedure for installing the WinPAC SDK.
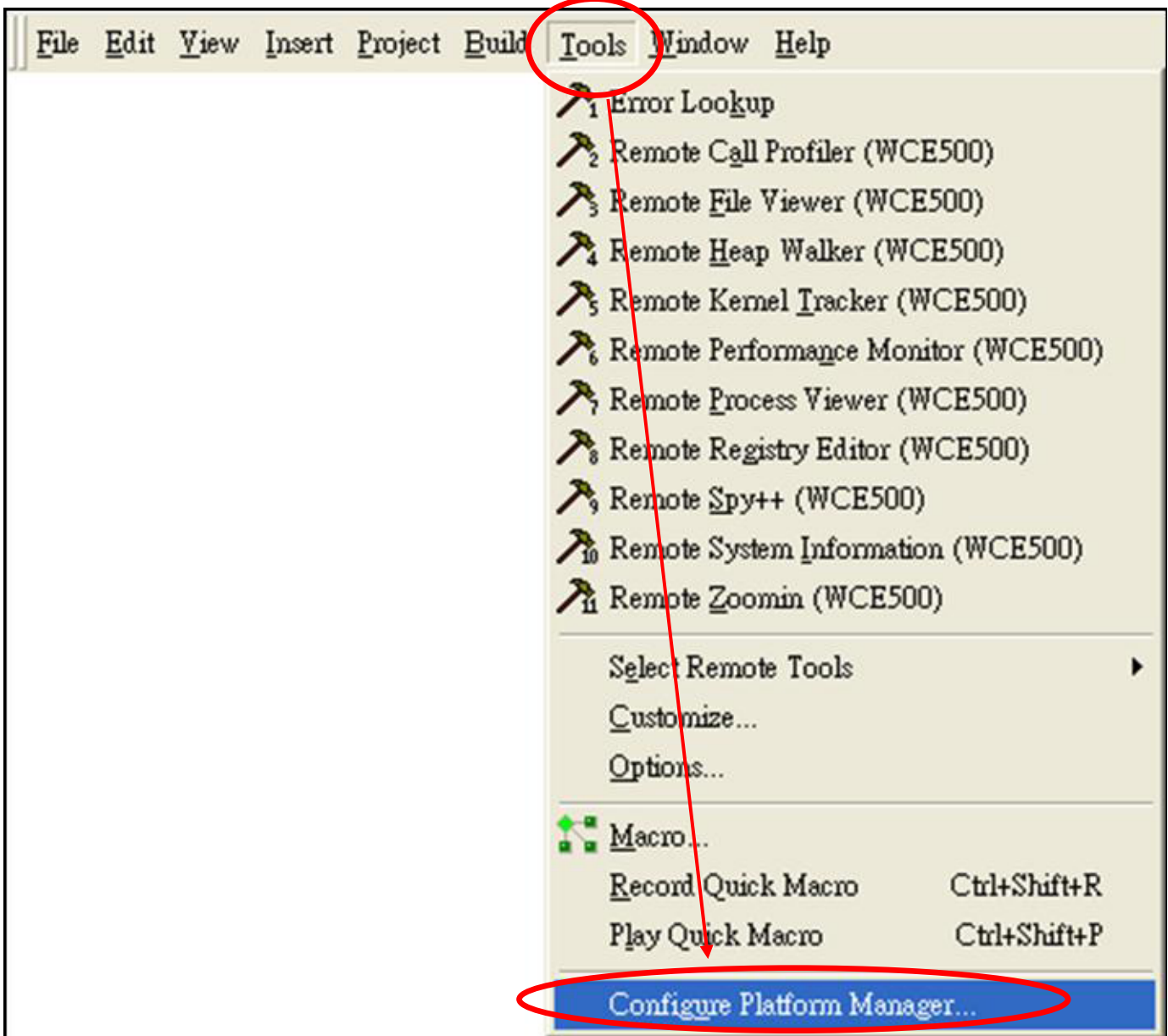
Step 1: Insert the CD into your CD-ROM drive

Step 2: Execute the "PAC270_SDK_YYYYMMDD.msi" file which is located in:

CD:\Napdos\wp-8x4x_ce50\SDK\

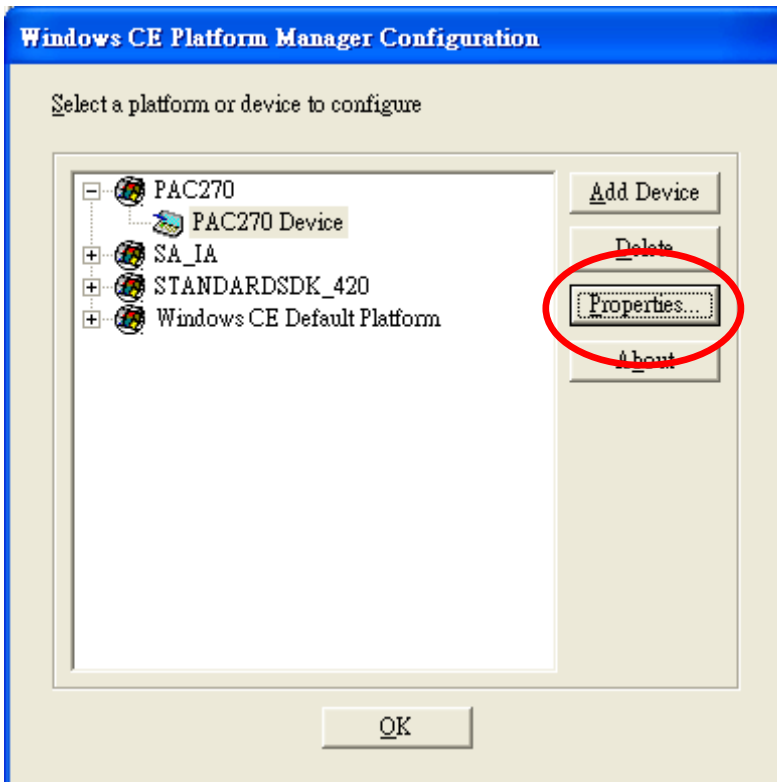Step 3: Follow the prompts until the installation is complete

Step 1: Click the "Tools->Configure Platform Manager…" menu option.

Step 2: Click the "Properties…" button.

Step 3: Click the "Configure…" button.
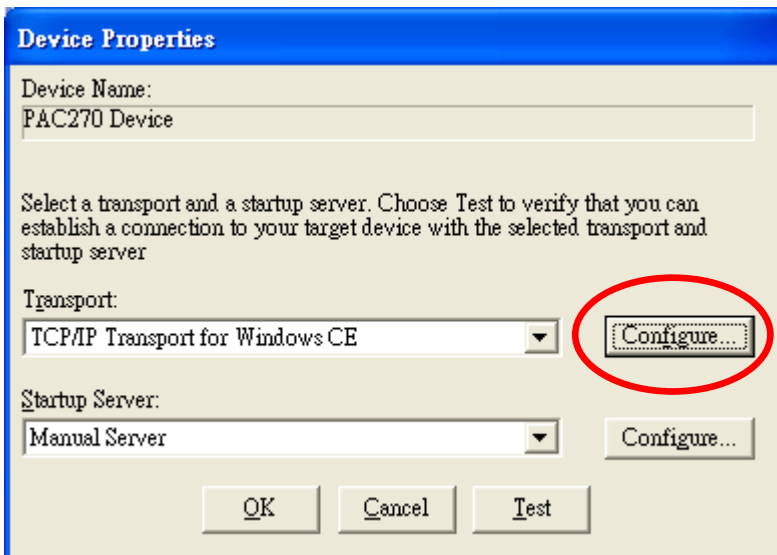
Step 4: Check the "Fixed port" check box and click the "OK" button.
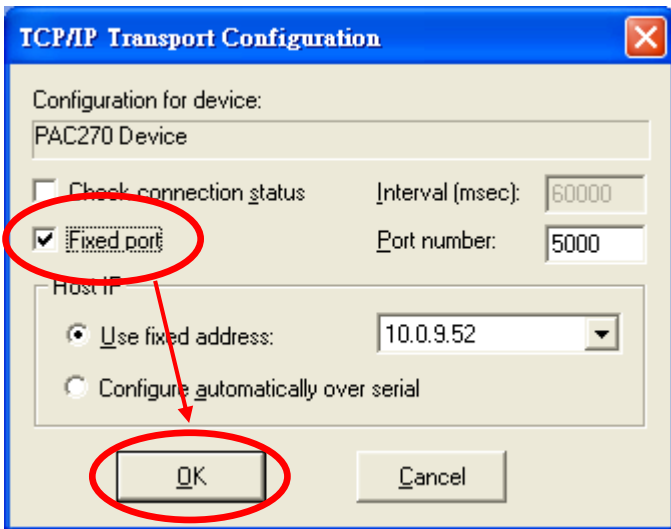
Step 5: Click the "OK" button.
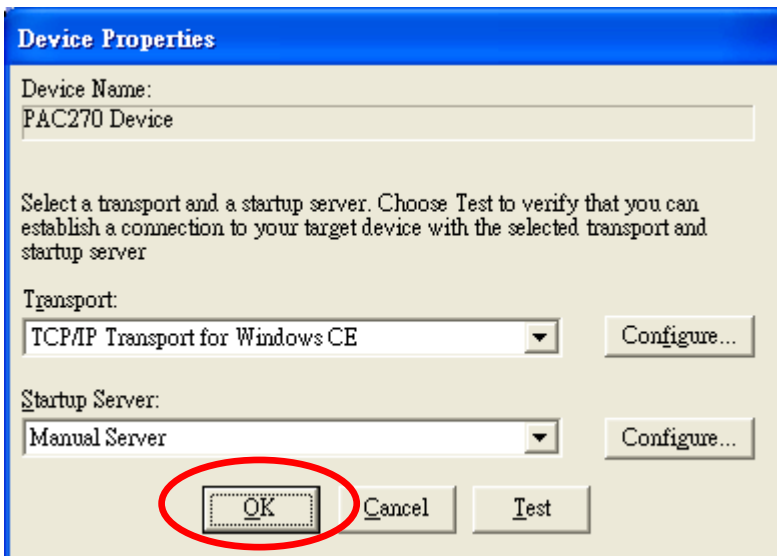
Step 6: Click the "OK" button.
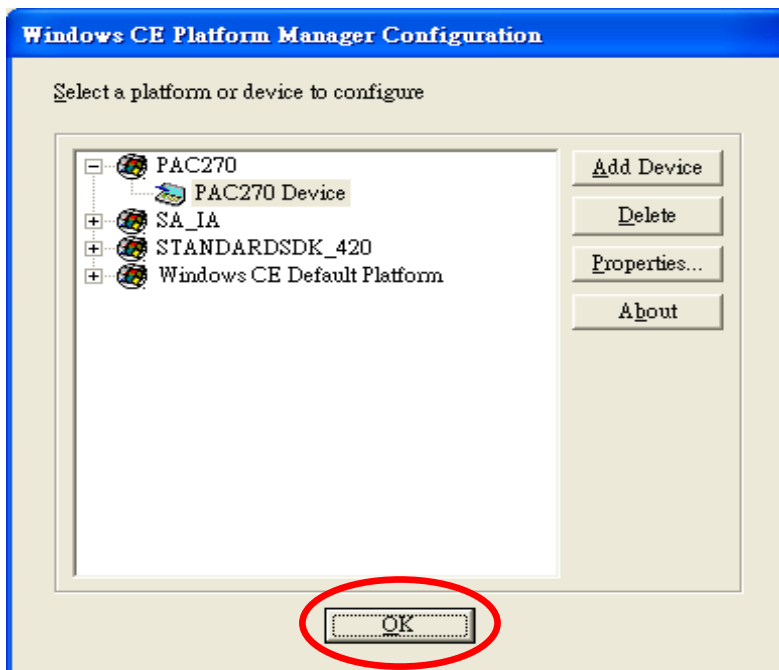
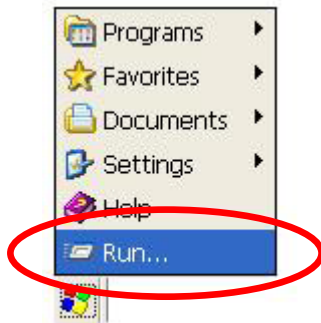**Step 7: Click** the "Build" menu and select the "Start Debug" command, then click the "Go" command.
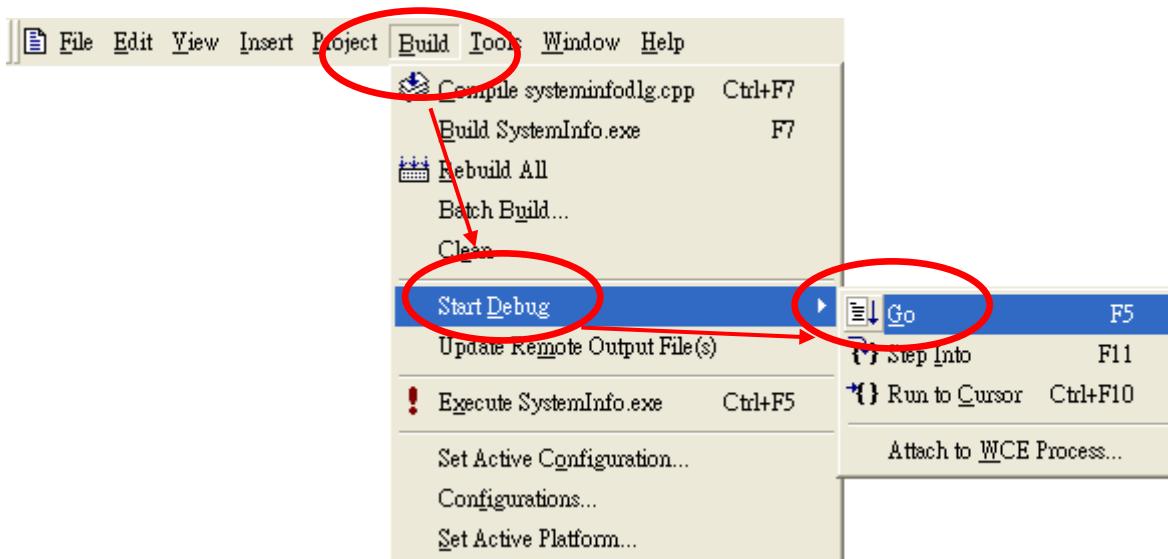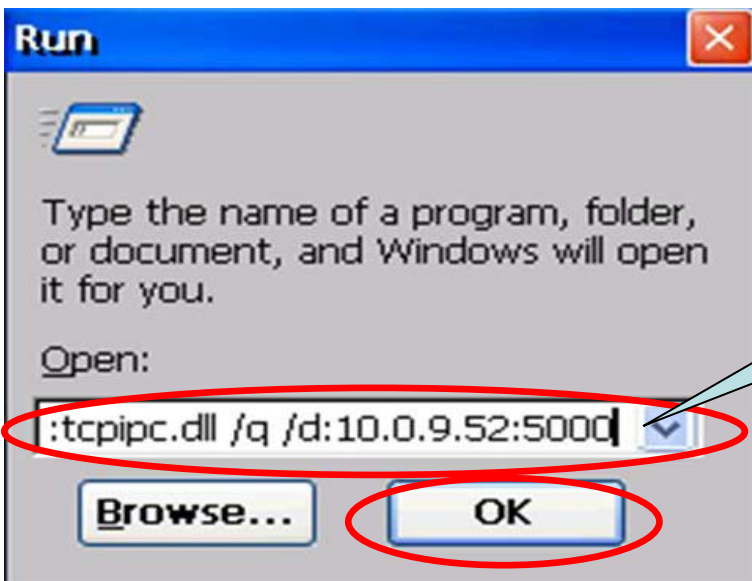
Step 8: The "Manual Server - Action" dialog will appear displaying a **command** line. Change to the WinPAC controller side to perform the next two-steps before clicking the "OK" button.

Manual Server - Action

Please make sure the following files are on the device

```
\WINDOWS\tcpipc.dll
\WINDOWS\cemgrc.exe
\WINDOWS\cetlstub.dll
```

Command

And launch CEMGRC.EXE with the following cmd line

CEMGRC.EXE /T:TCPIPC.DLL /Q /D:10.0.9.52:2008

OK   Cancel
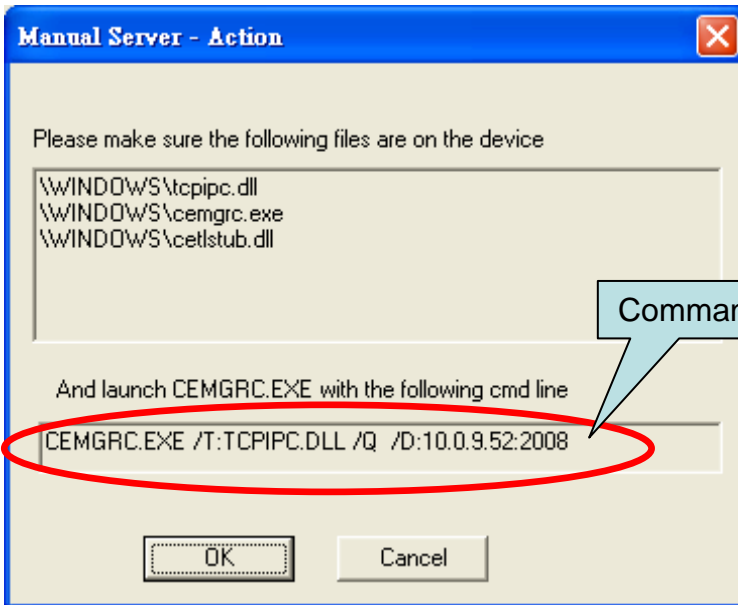
Step 9: On the WinPAC side, **click** the "Start->Run…" menu option.

- Programs ▶
- ⭐ Favorites ▶
- 📄 Documents ▶
- ⚙ Settings ▶
- ❓ Help
- 📁 Run…

Step 10: Enter the **command** that was displayed in step 8 and then click the "OK" button

Run

Type the name of a program, folder, or document, and Windows will open it for you.

Enter the command in this textbox

Open:

:tcpipc.dll /q /d:10.0.9.52:5000

Browse...   OK

Step 11: Return to the Host PC side, then click the "**OK**" button, in the "Manual Server – Action" dialog.
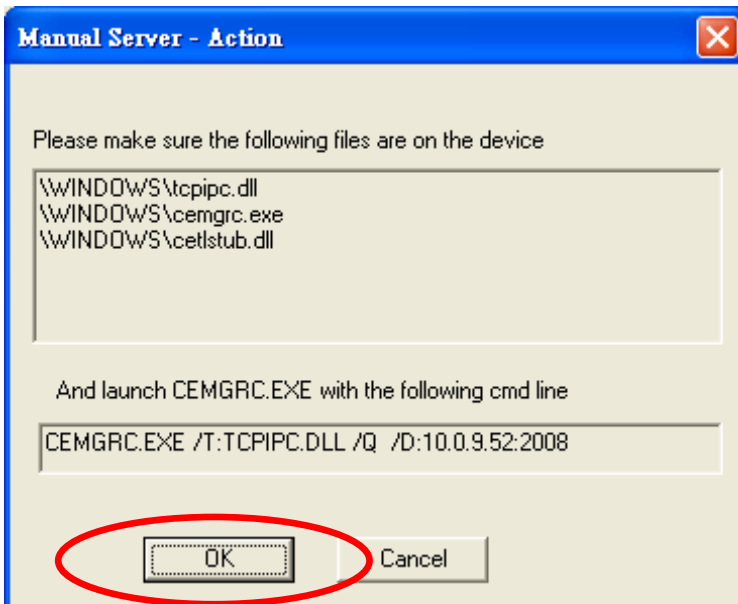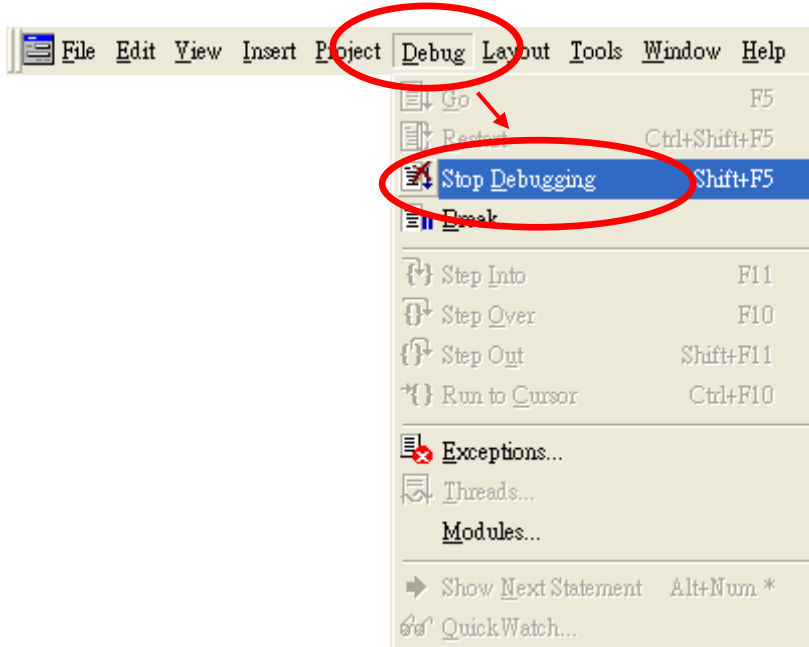

Step 12: Click the "OK" button.
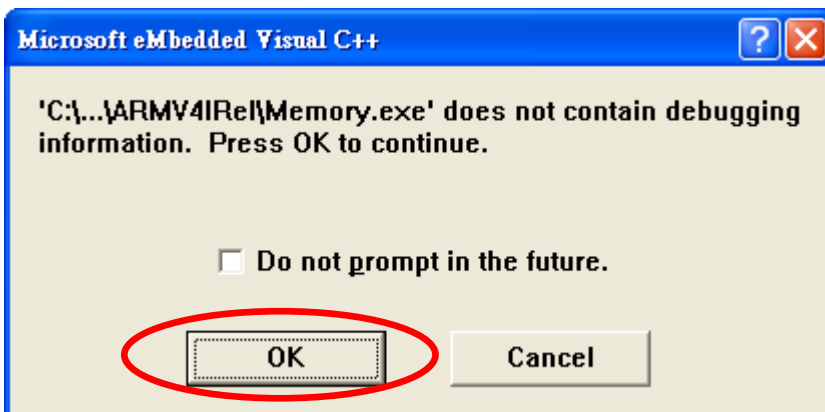
Step 13: After the connection is established, you can debug your programs online.

Tips & Warnings

⚠ If you want to quit the debugger and return to editing, click the "Stop Debugging " button in the "Debug" menu or press Shift+F5.

Revision History

Revision	Date	Description
1.0.1	2013/05/16	NEW: Added support information for WP-5000 and VP-4131.
1.0.0	2010/02/12	Initial release