ControlNet Interface Module 1784-PCIC/S

Use These Release Notes

Use these release notes with publication 1784-IN003A-EN-P, ControlNet Interface Module Installation Instructions, published October 2000.

Compatible RSLinx Releases

RSLinx 2.2 Service Pack 2 (2.20.02 Build 26) or later is compatible with release 3.5 of the 1784-PCIC/S firmware.

RSLinx 2.3 (2.30.01 Build 48) or later is **required** for Windows 98. RSLinx 2.3 (2.30.01 Build 48) or later is **recommended** for Windows NT 4.0 and Windows 2000.

Visit the Rockwell Automation Software Updates web page at http://support.automation.rockwell.com/webupdates/ to download an update for RSLinx.

Compatible RSNetWorx Releases

If you want to schedule a ControlNet network via the 1784-PCIC/S card, RSNetWorx for ControlNet 3.0 SP1 (3.00.01 Build 11) or later is **required**.

Visit the Rockwell Automation Software Updates web page at http://support.automation.rockwell.com/webupdates/ to download an update for RSNetWorx.
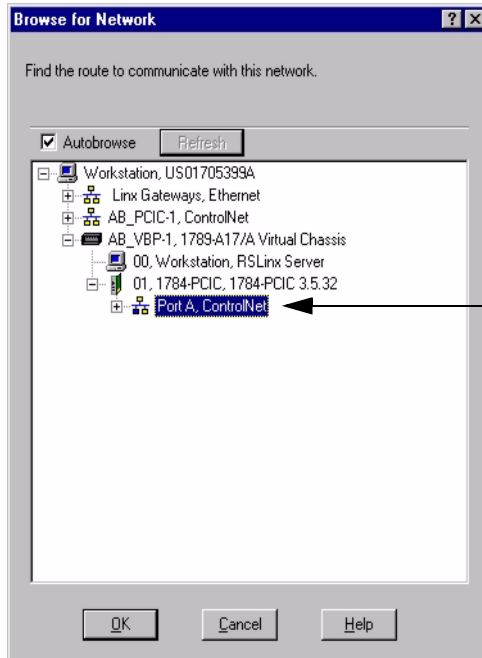
Corrected Anomalies

These anomalies have been corrected for the 1784-PCIC/S in release 3.5 of the firmware and release 3.1 of the driver. Release 3.1 of the 1784-PCIC/S driver is included with RSLinx 2.3 (2.30.01 Build 48) or later.

- Operations using RSLinx are less likely to time out. These operations include browsing to a remote DH+ network with RSWho and uploading/downloading with RSLogix Programming Software.

- The driver now properly supports Windows 98.

- The driver now rejects system requests to enter lower power states since the 1784-PCIC/S hardware does not support stand-by mode.

- Shutting down Windows 2000 no longer causes the host PC to lock up or blue screen when the 1784-PCIC/S card is sharing interrupts.

- The 1784-PCICS card now supports multicast scheduled I/O from ControlNet to multiple slots in the Virtual Backplane. This means that multiple SoftLogix 5800 processors can receive the same I/O data produced by a single node on ControlNet.

- The 1784-PCICS card now supports multicast scheduled I/O from one 1784-PCICS card to multiple connection originators. This means that multiple connection originators can read the same SoftLogix 5800 produced tag through the 1784-PCICS card.

- RSLogix 5000 Programming Software can now be used to reset the 1784-PCICS card.

Known Anomaly

When going online with RSNetWorx for ControlNet software via the 1784-PCIC/S card, select 'Port A, ControlNet' under the card in the Virtual Chassis. Do **not** select 'AB-PCIC-1, ControlNet'.

If the Virtual Backplane driver is not available, follow these steps to set up the Virtual Backplane driver in RSLinx:

1. Select Communications -> Configure Drivers...

2. Under Available Driver Types, select 'Virtual Backplane (SoftLogix 58xx)'.

3. Press Add New.

4. Enter a name for the driver and press OK.

5. Press Close. The Virtual Backplane driver is now available to use.

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