



PROFIBUS DPV1 Master Module for Quantum Processors

Schneider Electric Alliance Partner, ProSoft Technology, is pleased to announce the release of their PROFIBUS DPV1 Master Module for Quantum Processors (PTQ-PDPMV1).

Why switch to the ProSoft Technology Module?

Schneider Electric has created a new programming environment unifying many of the logic processor platforms and programming packages. As of July 1, 2006, Schneider Electric is no longer offering the 140CRP81100 module. In an effort to make the transition from the 140CRP81100 to the PTQ-PDPMV1 as seamless as possible, ProSoft Technology has put together the following integration steps and FAQs.

Integrating the PTQ-PDPMV1 Module

1. Configure the network: Using ProSoft Configuration Builder (PCB) the user will need to create the PROFIBUS network configuration for the module. The software provides an easy to use graphical user interface for this procedure.
2. Export/Import module IO image: After network configuration the user will have the PCB software create an export file (xsy) for importing into the UnityPro software. The data in this file contains the modules status, acyclic messaging mailboxes, and cyclic IO. The software automatically creates the export file and provides a printable state RAM IO mapping list.
3. Processor ladder file integration: After the files are imported, the user will then map into ladder logic the imported variables to existing tag variables in state RAM. (all module data is currently imported as bytes and byte arrays).



ProSoft Technology Technical Support

ProSoft prides itself on providing some of the best technical support in the industrial marketplace. As our products are niche products and often our users are first time users, we strive to make the customer's experience with us excellent.

ProSoft Technology offers 24 hour support on a global basis. Our Technical Support group can be accessed by phone or e-mail at the following locations:

Asia Pacific (Chinese, English)	+86-139-1696-0912 asiapc@prosoft-technology.com
Europe (English, French)	+33-5-3436-8720 europe@prosoft-technology.com
Americas (English, Spanish)	+1-661-716-5100 support@prosoft-technology.com
Latin America (English, Portuguese)	+55-11-5084-5178 latinam@prosoft-technology.com

Future Upgrades for the PTQ-PDPMV1

In future upgrades, ProSoft Technology will use UDE (UnityPro Developers Edition) software toolkit to create tags with specific data types (such as byte, word, real etc). A tag name generator will be able to directly read and map to existing %IW and %MW tags without the need of exporting and importing of XML files.

How to Order

To place an order or find other ProSoft Technology Quantum modules, contact your local ProSoft Technology distributor. To locate the authorized distributor near you, visit our web site at www.prosoft-technology.com.

Previous Schneider Electric
Part # 140CRP81100

ProSoft Technology
Part #PTQ-PDPMV1

Frequently Asked Questions

Why is the transition necessary?

There are three reasons why this transition is taking place:

1. The previous PROFIBUS 140CRP81100 DPV0 solution is not supported in the Unity Programming Software environment.
2. Schneider Electric is no longer offering the 140CRP81100 module.
3. ProSoft Technology's PTQ-PDPMV1 module brings new DPV1 features including online parameterization and support of FDT/DTM.

How long will the existing CRP 811 modules continue to be supported by Schneider Electric after July 1, 2006?

Engineering Support:	8 years
Service Order Repair:	8 years

Does the PTQ-PDPMV1 support Quantum Hot Standby processor?

Yes. Planned for a Q4 2006 release.

How many PTQ-PDPMV1 can we plug into a Quantum processor?

Up to 6 modules depending on whether other NOE or NOM modules are used.

Does the PTQ-PDPMV1 module operate in PROFIBUS slave mode?

No. But a separate product is available, part number PTQ-PDPS.

Does ProSoft Technology offer other PROFIBUS products?

Yes. See our website at www.prosoft-technology.com.

Will the PTQ-PDPMV1 support FDT/DTM Asset Management Software?

Yes. ProSoft provides a certified comDTM for Ethernet communication to the module. The part number is PSW-cDTM-PDPM supporting up to 15 (or 30 HSBY) masters.

Is there a cost for the PCB (ProSoft Configuration Builder), PROFIBUS network software?

No. Unlike the 140CRP81100 configuration software listing at \$1,000 USD, the PCB is included with the product.

Will the ProSoft PTQ-PDPMV1 product be compatible with existing 140CRP81100?

No. The two modules use different master configuration software. The two configuration files are not compatible.

Are the two modules technically PROFIBUS compatible?

The PTQ-PDPMV1 PROFIBUS master has been certified and is field proven. The PTQ-PDPMV1 supports 1536 bytes of cyclic IO. For most customers the PTQ-PDPMV1 capacity will be more than sufficient, however, the user should be aware that multiple modules may be needed in certain applications.

What tools are available to help with the transition?

ProSoft Technology offers at no charge PROFIBUS configuration software called ProSoft Technology Configuration Software (PCB). PCB and the PTQ-PDPMV1 are supported by Schneider Electric's UAG program offering. UAG provides a complete seamless integrated solution for the PTQ-PDPMV1 module.

About ProSoft Technology

ProSoft Technology, Inc. specializes in the development of communication solutions compatible with the large automation suppliers' controllers such as Schneider Electric. The primary focus is to provide connectivity solutions that link dissimilar automation products. ProSoft Technology's offerings consist of three primary product families: Protocol and network connectivity modules known as ProTalk for Schneider Electric, stand-alone gateways, protocol converters, and wireless gateways known as ProLinX, and industrial serial and Ethernet wireless modules known as RadioLinX.

Over the last 16 years, ProSoft Technology's product lines have grown to over 400 communication modules supporting more than 60 different protocols. ProSoft Technology provides field-proven connectivity and communication solutions that bridge between various automation products as seamlessly as if they were all from the same supplier. These connectivity options enable controller platforms to provide solutions in areas such as computing gas flow calculations and SCADA telemetry applications. These solutions also enable interfacing to motor controls, drives and other devices in industries such as water/wastewater, power generation, oil and gas, machinery, packaging, and production.

ProSoft Technology is committed to providing localized sales and support to customers worldwide. Sales, application engineering and support services are provided internationally by over 600 distributors in 52 countries and served by Regional Area Offices in North America, Latin America, Europe and Asia Pacific.



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