

# DATASHEET

## Ethernet to DeviceNet bridge for RSNetWorx for DeviceNet

PSFT-1788-EN2DN



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The Ethernet to DeviceNet bridge for RSNetWorx for DeviceNet linking device is a DIN-rail mountable bridge that interfaces between your computer and a DeviceNet network.

With the PSFT-1788-EN2DN linking device (RA part number RA 1788-EN2DN), you can use any Microsoft<sup>®</sup> Windows<sup>™</sup>-based computer with an Ethernet interface (e.g., a laptop/notebook computer) to connect to the DeviceNet network. Once you are connected, maintenance and troubleshooting are easy since you can program, monitor, and configure all network operations and devices directly from the PC. And because the 1788-EN2DN card is FLASH-upgradable, you can easily upgrade it to the latest functionality via software.

### Features & Benefits

Feature	Benefit
DeviceNet Scanner Configuration	Use the linking device: <ul style="list-style-type: none"> <li>◆ as a gateway to connect RSNetWorx for DeviceNet to network for PTQ-DNET scanner configuration, module and network diagnostics</li> <li>◆ as a router/bridge to connect to the DeviceNet network</li> </ul>
Centralized data storage	I/O tables for data shared between the DeviceNet and EtherNet/IP networks. Data is placed into the I/O tables by one network interface, allowing the data to be read through the other network interface.
Easy installation	Appears as a single device on either network using standard protocol mechanisms.  The linking device can be mounted to a DIN rail.
Backed by ProSoft <sup>®</sup> Technology	Industrial data communications experts who understand your protocols, devices, and applications  Three year standard warranty

### Functional Specifications

With the DeviceNet network, you get:

- support for communication adapter device type
- support for peer-to-peer explicit and I/O messaging
- speedier reconfiguration since you download only those values that are different from previous configurations
- faster start-up due to faulted node recovery feature
- support for all DeviceNet standard baud rates:
  - 125K
  - 250K
  - 500K

Use PSW-RSNetWorx for DeviceNet (RA part number 9357-DNETL3) to configure a DeviceNet network.

Use RSLinx with the 1788-EN2DN card to:

- access real-time DeviceNet data via commercially available DDE and OPC client applications, such as Microsoft Excel and Access, as well as Rockwell Software's DDE/OPC clients such as RSView32 and RSSql
- bring real-time DeviceNet data from the plant floor in applications for display, logging, or trending
- set individual parameters or download recipes to supported DeviceNet devices from a supervisory computer

## System Requirements

These configuration tools are designed for Microsoft Windows XP, 2000 and NT. Minimum hardware requirements are:

- 100 MHz or faster Pentium PC
- 128 MB RAM
- CD-ROM drive
- 100 MB available hard drive space
- DeviceNet cabling, power, and devices forming a DeviceNet network
- 24V dc power to the linking device (DeviceNet power may be used; however, using DeviceNet power bypasses DeviceNet network isolation)
- Ethernet port with RJ45 crossover cable for direct connection to module  
*or*  
Ethernet hub with standard RJ45 Ethernet cable

## Additional Products

ProSoft Technology offers a full complement of hardware and software solutions for a wide variety of industrial communication platforms. Visit our web site at <http://www.prosoft-technology.com> for a complete list of products, including:

<b>PTQ-DNET</b>	DeviceNet Scanner / Slave Module
<b>PSW-RSNetWorx-DNET</b>	DeviceNet Configuration Software (RA part number 9357-DNETL3)

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## Ordering Information

***To order this product, please use the following:***

PSFT-1788-EN2DN Ethernet to DeviceNet bridge for RSNetWorx for DeviceNet

To place an order, please contact your local ProSoft Technology distributor. For a list of ProSoft distributors near you, go to <http://www.prosoft-technology.com>

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