

Control Solutions

**EDITORS'
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AWARD**

Web server for instruments mounts on DIN rail, allows remote access to process measurements



In October we covered Newport Electronics' iSeries of Web-enabled instruments, which contain built-in Web servers that make it possible to access data and control a process via a Web browser from any remote location. While many users have Newport's i/32 series instruments or other equipment installed, they don't have the Web-enabled versions. Now there is a way to have your Web connectivity and still keep your existing instruments: the iServer, a DIN rail-mounting Web Server and Ethernet-Serial bridge

compatible with RS-232, RS-422, and RS-485.

The iServer can act as a hub connecting up to 32 of the company's i/32 process meters and PID controllers that have the "C24" serial communications option to the Ethernet and Internet. It also works with other devices, like PLCs, CNCs, industrial controllers, and so on, transferring data from a serial interface using a built-in socket server. Using the RS-232 serial interface, a single device can be connected to the server, while with RS-485 up to 32 devices can be connected using a cable up to 4000 feet long.

The iServer allows the user to use a standard home page to present data, or to customize the Web page as desired by using a selection of special applets that are available for download free of charge from the Newport Web site, <http://www.newportinc.com>.

The unit is shipped with a default IP address; that address, as well as other parameters, can be changed by connecting a PC. Certain data in the server is protected by password, and there are three different access levels set by the network administrator: administrator level, operator level, and read-only level. The price is \$95.—Newport Electronics, Inc., 2229 Yale Street, Santa Ana, CA 92704-4401, 800-NEWPORT.

Circle 251 on Control Solutions RS Card