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FOR IMMEDIATE RELEASE

New NPort S8000 series combines serial device server with Ethernet switch

Brea, California, Aug. 1st., 2009—Moxa has released the NPort[®] S8455I-MM-SC, the first model in its NPort[®] S8000 series, which combines an Ethernet switch and serial device server in a single solution with 2 fiber Ethernet ports, 3 Ethernet ports, and 4 RS-232/422/485 serial ports. This innovative design allows users to save cabinet space, and reduce overall power consumption and costs since there is no need to purchase separate switches and serial device server products. The NPort[®] S8455I-MM-SC is an ideal solution for traffic monitoring and control applications, thanks to its compact size and all-in-one switch/device-server design. Renewable energy markets, such as solar power plants and wind farms, also benefit from the increased reliability and availability offered by the NPort[®] S8455I-MM-SC's Ethernet redundancy function and ring topology support.



Complete serial device server functions

The NPort[®] S8455I-MM-SC supports the complete array of NPort[®] 5000 series device server functions. Network existing serial devices by connecting up to 4 serial devices through each of the 5 Ethernet ports, with only basic configuration required. Data transmission between the serial and Ethernet interfaces is bidirectional.

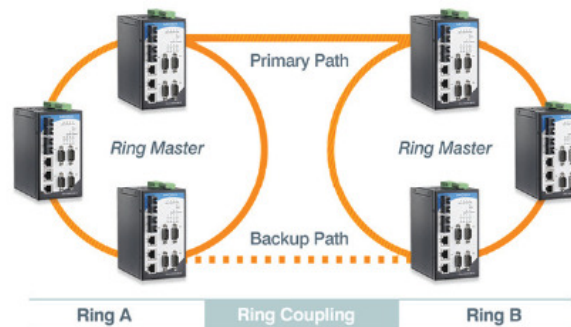
Full-function managed Ethernet switch

The NPort[®] S8455I-MM-SC has a built-in full-function managed Ethernet switch that supports QoS, IGMP-snooping/GMRP, VLAN, Port Trunking, SNMPv1/v2c/v3, and IEEE 802.1X, allowing you to handle virtually any kind of application. Ethernet redundancy, which is used to increase the reliability and availability of your industrial Ethernet network, is provided by Moxa's own Turbo Ring[®] technology (recovery time < 20 ms) or RSTP/STP (IEEE 802.1w/D).

Coupling several Turbo Rings for distributed applications

It may be inconvenient to use one large ring for redundancy if the network devices are remote and spread out.

The NPort® S8455I-MM-SC's "Ring Coupling" feature solves this issue by connecting distributed devices into smaller, more manageable Turbo Rings that can still communicate with each other without a control line.



Rugged design for total protection

- UL508 safety
- Serial, Ethernet, and fiber 3-way surge protection
- Level 4 ESD protection
- 2 KV serial isolation

For more information about the NPort® S8455I-MM-SC and serial-to-Ethernet solutions, visit www.moxa.com or contact Moxa at info@moxa.com.

About MOXA

MOXA manufactures device networking products for industrial automation. Information regarding all MOXA products, including industrial embedded computers, industrial Ethernet switches, serial device servers, multiport serial cards, embedded device servers, and remote I/O servers, is available on the corporate website of MOXA at www.moxa.com. Interested parties can also contact MOXA directly by email at info@moxa.com, or by phoning +886 (2) 8919-1230.

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