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## **GARRETTCOM ADDS ROUTER, TERMINAL SERVER TO LINE OF SECURE IP NETWORKING PRODUCTS FOR POWER GRID APPLICATIONS**

**New Magnum DX1000 Products Provide Enhanced Flexibility, Reliability and Cyber Security for Utility Substations and Other Critical Environments**



**February 3, 2009 – San Diego, Calif.** -- GarrettCom<sup>®</sup>, Inc., introduced the Magnum<sup>™</sup> DX1000 Industrial Router and DX1000 Terminal Server, the latest additions to the company's Magnum DX family, at DistribuTECH 2009 today. The DX1000 products are important new components of the company's GarrettCom CrossBow<sup>™</sup> Architecture, providing a unified cyber security solution including wide-area network connectivity, an Electronic Security Perimeter and network access controls for North American utilities wanting to meet the July 1, 2009, NERC CIP standards compliance deadline. The products, and the full CrossBow cyber security architecture, are being demonstrated at the GarrettCom booth, #634.

“Critical Infrastructure Protection brings special challenges when applied to power utility substations and other remote installations where advanced cyber security must be combined with very high reliability and a tolerance for harsh environmental conditions,” said John Shaw, Executive Vice President of GarrettCom. “The DX1000 family provides an advanced, hardened product set to address these critical challenges.”

Key aspects of the new Magnum DX1000 products include:

- **Largest models in the DX line**, with up to 2 WAN, 12 serial and 5 Ethernet ports,
- **Two model types**: “Industrial Router” with IP router/firewall for WAN and secure perimeter functions, and “Terminal Server” to network-enable serial protocol devices and provide integrated Ethernet switching,
- **Advanced cyber security capabilities**, including stateful IP firewall with NAT/PAT and IPsec VPN support, secure protocols using SSH/SSL, SNMPv3, RADIUS and extensive local and remote logging, as well as management integration with the CrossBow Secure Access Manager,
- **Flexible wide area networking options**, including integral DDS/T1/E1, fiber-based Ethernet, frame relay, MPLS-based IP services and/or dial-up networks,
- **High reliability capabilities** with optional dual power supplies, IEC 61850-3 and IEEE 1613 environmental specifications, and software for advanced network resiliency -- including RSTP-2004, VRRP, dynamic routing and serial-IP multicast/multi-master options.

All software features of the DX1000 are supported in the new MNS-DX 2.0 software release, which will also be available across the Magnum DX family: the DX40, DX800 and DX900 model series.

#### **About GarrettCom**

GarrettCom, Inc., Fremont, Calif., is an industry leader in providing networking solutions for challenging industrial environments, including video surveillance, traffic control, power utility substations, manufacturing, telecommunications, and oil and gas facilities. The company's products provide a comprehensive industrial network architecture encompassing a switched Ethernet core, distributed edge devices for both Ethernet and Serial protocols, and secured connections to various WAN services.

GarrettCom is the exclusive North American distributor for the GarrettCom CrossBow™ Architecture, which provides an integrated environment for supporting CIP cyber security requirements for North American utilities wanting to meet the July 1, 2009, NERC CIP standards compliance deadline.

Visit [www.garrettcom.com](http://www.garrettcom.com) for more information on GarrettCom and its products,

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