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**GARRETTCOM EXTENDS INDUSTRIAL NETWORK REDUNDANCY OPTIONS  
WITH NEW RELEASES OF MANAGED SWITCH AND ROUTER SOFTWARE**

**October 14, 2008 – Fremont, Calif.** -- GarrettCom, Inc., makes designing in redundancy for industrial network applications just that much easier and effective with Release 4.1 of the company's Magnum MNS-6K (Managed Network Software) for managed switches and Release 14.1 of MNS-6K-SECURE, a version of MNS-6K with extended security features. In these new releases, GarrettCom implements the IEEE 802.1D-2004 standard for Rapid Spanning Tree Protocol (RSTP) and Spanning Tree Protocol (STP), a higher-speed implementation that can also support larger ring and mesh networks. This same high performance RSTP is available for Magnum DX routers.

GarrettCom offers a full range of redundancy solutions in its "Redundancy with Standards for Industrial Networking" program. The program is aimed at making it easy for industrial network designers to achieve the failure recovery time they need, cost-effectively and with the security of standards-based future-safe designs.

GarrettCom leads the industrial networking industry in the range of choices for redundant and reliable LAN and WAN networks including:

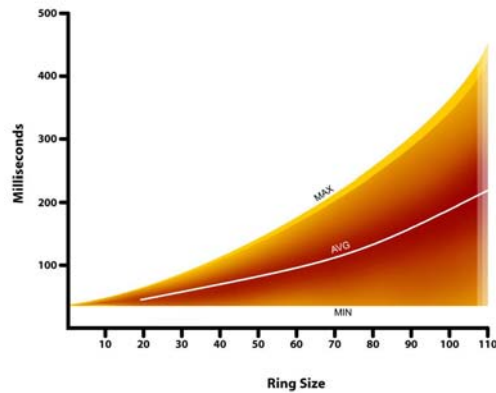
- Software-based standard RSTP solutions for managed network structures, including both routers and switches;
- Software-based standard STP solutions for use with legacy LAN hubs and switches;
- Standards-based proprietary solutions, such as S-Ring that allows for fast recovery in rings comprising both managed and unmanaged switches for a lower cost redundancy solution;
- Link-Loss-Learn recovery feature for managed and unmanaged edge switches; and
- Hardware-based Dual-Homing Edge Switches for high-availability edge devices.

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GarrettCom's RSTP implementation in Release 4.1 offers outstanding performance: GarrettCom has tested rings from as few as 20 to more than 100 switches and routers, and achieved fault recovery times averaging roughly two milliseconds per hop. It is backwards compatible with all redundancy solutions currently available from GarrettCom and interoperable with other switches using industry-standard RSTP technology.

RSTP-2004 Fault Recovery Times for Magnum Products



For more information on redundancy solutions, request your copy of GarrettCom's white paper, "Standards-based Approaches to Redundancy and Fault Tolerance Using Industrial Ethernet LANs" at [www.garrettcom.com/techsupport/papers/redundancy.pdf](http://www.garrettcom.com/techsupport/papers/redundancy.pdf).

MNS-6K SECURE 14.1 also incorporates Simple Networking Timing Protocol (SNTP) to provide synchronized time services for applications such as video surveillance where accuracy in event time-stamping is critical.

### About GarrettCom

GarrettCom, Inc., Fremont, Calif., is an industry leader in providing networking solutions for challenging industrial environments, including manufacturing, power utility substations, telecommunications, oil and gas facilities, traffic control and video surveillance. 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. For more information on GarrettCom and its products, visit [www.garrettcom.com](http://www.garrettcom.com).

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