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GARRETTCOM TARGETS IP VIDEO FOR SURVEILLANCE WITH HIGH-BANDWIDTH, FACTORY-HARDENED ETHERNET SWITCHES

Industrial Ethernet Switches with Supporting Multicast Video Feed Software Reduce Cost of Industrial Security Applications

March 14, 2007, Fremont, Calif. – Bandwidth-hungry video surveillance at industrial sites is one of the fastest growing applications for IP switches. GarrettCom, Inc., now offers a suite of products, including its new high-bandwidth industrial-hardened Ethernet switch, unique switch-level multicast video feed technology, and modular Power over Ethernet (PoE) capability to provide easily-installed, easily-maintained industrial security systems. These products will be featured March 28-30 at ISC West, Las Vegas, Nev., in Booth # 12146 GarrettCom is a leader in providing the products necessary to install reliable, secure and cost-effective industrial networks supporting video security in harsh and outdoor environments.

IP-enabled video is a growing market as security-conscious industrial sites consider options for perimeter and internal surveillance. Ethernet technology simplifies deployment and utilization of video cameras, badge scanners, wireless access and other security devices.

6K25e Managed Ethernet Switch

The company's new Magnum 6K25e Managed Ethernet Switch supports up to eight Gigabit ports in a compact 1U rack-mount hardened switch. The Magnum 6K25e Switches are workhorses that can manage both high priority streaming traffic, such as security cameras, VoIP, identity scanners, and the bursty data traffic typical of manufacturing operations. The Magnum 6K25e, like all Magnum 6K products, is configurable by design so that customers may choose a wide variety and combination of port types to meet their needs. See www.garrettcom.com/6k25e.htm for more information.

IGMP-L2 Multicast Video Feed Support

The company's unique IGMP-L2 technology supports multicast video feeds on surveillance cameras in heavy-duty outdoor sites and other Industrial Ethernet deployments such as manufacturing plants, power substations and seaport docks. Utilizing the same logic as the industry-standard Internet Group Management Protocol (IGMP), IGMP-L2 offers a less complex and less expensive alternative for linking multiple live video cameras and monitors within an industrial site. While traditional office-grade IGMP requires ISO Layer 3 central-office routers that add complexity and expense to multicast handling for streaming IP video support, GarrettCom's ISO Layer 2 hardened Ethernet switches, designed for deployment in factories and harsh environments, do the job with IGMP-L2 technology more simply and more efficiently. For more information on IGMP-L2, see: <http://www.garrettcom.com/igmp.htm>. GarrettCom's Magnum switches also supports IGMP Snooping, an industry standard multicast technology.

IGMP-L2 and IGMP Snooping are integrated into GarrettCom's powerful MNS-6K network management software that provides sophisticated network management, security and redundancy. For more information on MNS-6K, see: http://www.garrettcom.com/6k_soft.htm.

Power over Ethernet (PoE)

Security devices, such as IP video cameras, ID scanners and wireless access devices, may be attached over traditional Ethernet copper and fiber media or may use the newer Power over Ethernet (PoE) connections in GarrettCom's Magnum switches, including the new Magnum 6K25e. PoE enables deployment of security devices, powered via Ethernet cabling, in areas where it is difficult, expensive, or impossible to feed AC or DC power lines. Please see: http://www.garrettcom.com/power_over_ethernet.htm for more information.

Video Surveillance Applications

GarrettCom recently provided the network infrastructure for a unique security system guarding Jumeirah Palm Island in Dubai, including access control not only for the island, but also for private roads, parking areas and private residences. For more information, please see http://www.garrettcom.com/techsupport/appnotes/palm_island.pdf. The company's products

have been deployed around the world in video surveillance applications including light rail systems, condo complexes, community monitoring, highway traffic control, power substations, airports and parking lots, freight handling and port facilities, mining, and other industrial sites. See http://www.garrettcom.com/ip_video.htm for more information on GarrettCom's networking support for video surveillance applications.

GarrettCom products are marketed worldwide through a network of direct sales, resellers, system integrators, manufacturers' representatives, and international distributors. All GarrettCom products are designed and manufactured in the USA, and are available for delivery two weeks ARO.

About GarrettCom

GarrettCom, Inc., headquartered at 47823 Westinghouse Drive, Fremont, Calif. 94539, is an industry leader in providing cost-effective, configurable industrial networking products for harsh environments and special purpose applications. GarrettCom's hardened Magnum products emphasize fiber capabilities for challenging industrial applications in manufacturing, power utility substations, telecommunications, oil and gas pipelines, traffic control and industrial video surveillance. The company manufactures more than 100 configurable products that address practical applications that previously required custom solutions. GarrettCom provides a comprehensive industrial network architecture including a switched Ethernet core, distributed edge devices for both Ethernet and serial protocols, and secured connections to various Wide Area Network services. For more information on GarrettCom and its Magnum, Dymec and DynaStar product lines, contact the company at: voice 510-438-9071, fax 510-438-9072, email mktg@garrettcom.com. www.GarrettCom.com

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