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New Network Technologies Optimize Security Systems

The growing need to protect people, assets and property has led to an increased focus on security in the workplace. While many facilities currently have security systems in place, innovative technologies are advancing the employment of networked systems to the area of physical security. Newly developed network video surveillance devices offer compatibility with legacy analog based systems, allowing seamless co-existence of analog and digital products, or enable migration to a complete digital platform.

Network security solutions are quickly being embraced due to their convenience, lower cost of installation and ownership, and increasingly superior

image quality. For users, finding the optimal hardware to place on the network is of critical importance. This is particularly true for the cameras at the system's front end and recorders at the back end, as these devices define the quality of the captured video information.

With the advent of the network in security applications comes the need for users to integrate many components, both hardware and software, from different sources. Hardware manufacturers at the forefront are already providing a simplified approach for users with the formation of solution developer networks and open-platform partnerships with complementary manufacturers. Also now available to

users is specialized, enterprise-level consultative assistance in the form of planning, design, installation, and implementation of total networked video surveillance solutions. As a result, more advanced network-based video surveillance systems continue to emerge in high-profile venues such as ball parks, banking institutions, and corporate headquarters.

Integrating all security functions within one network, incorporating both wired and wireless technologies and accessible from every type of network-enabled device, will become the norm. As network security technologies continue to develop, video surveillance will integrate more with other essential operations within organizations and facilities, providing the requisite safety and security to protect important assets.

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Panasonic Security Systems

Panasonic Security Systems has been the recognized leader in professional video surveillance for nearly 50 years. With a comprehensive line of intelligent analog, hybrid, and IP video surveillance solutions, Panasonic's renowned technology, quality and reliability deliver peace of mind, in and around facilities. Panasonic's expert team of enterprise engineers offers consultative planning and design assistance to the education, health-care, transportation, sports and retail industries, as well as the government. www.panasonic.com/security/BW • 866.PAN.CCTV (866.726.2288)

Integrating Vital Security Systems At The Enterprise Level

Integration typically involves the sharing of information between two or more systems with the objective of providing a common user interface. This level of connectivity increases efficiency and allows the integrated system to make "intelligent" decisions based on the status of either or both systems.

Security systems operating on the enterprise level incorporate those security technologies most commonly deployed in large scale facilities: video surveillance systems, access control systems, fire and alarm systems. These can be configured, operated and changed in countless ways given the nature of

the system. Once the network connection is established and a common interface is determined for all of the integrated systems, the configuration can be tailored to meet the user's immediate and changing needs. Unlike traditional hardware driven systems, the enterprise security system is limited only by the power of the software controlling it.

In security and surveillance operations, there are a number of systems that can provide information valuable in identifying breaches of procedure, and trends in abnormal activity. By storing the shared data from these systems and providing a common interface capable of "mining" the database, specific

combinations of events can be readily identified and users alerted to defined behavior.

The most significant benefits of enterprise security systems include the capability to manage all of the systems from a centralized location, or any location on the network. In addition, enterprise security systems allow for systems architecture to be distributed along several network nodes with the ability to share data between multiple systems.

To design, install and deploy an enterprise level security system, it is key to find a systems designer and integrator with knowledge and experience in the latest technologies, who has been progressively applying the system building blocks that have led to the realistic deployment of enterprise level security systems.

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North American Video is one of the premier security systems integrators in the country and was named "Systems Integrator of the Year" by Security Distributing & Marketing in 2005. From system design through equipment installation and training, North American Video provides unmatched performance, integration, customer service and support. With offices located around the world, North American Video's extensive client list includes casinos, government, schools, corporations, retail, medical and financial institutions. info@navcctv.com • 1-800-714-0717 • navcctv.com

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Long Range Active RFID Tagging Protects Computers and Privacy Data

Consistently, the loss of computers and critical data including intellectual property and personal privacy data is due to their unauthorized removal. Battery-powered, long range "active" Radio Frequency Identification (RFID) tags are now solving the problem in commercial, government, and educational settings by providing an automated, electronic system which identifies, locates, counts, tracks, and protects IT assets of all kinds.

While thefts can always occur outside the enterprise, FBI statistics indicate that 94% of assets removed without authorization are never recovered. The 2005 Computer Security Institute/FBI study

found losses due to the unauthorized access and theft of proprietary information averaged \$98,000 per institution. Without a system for automatically and accurately controlling assets, institutions are incurring measurable losses, unnecessary public embarrassment, and legal consequences.

At the Federal level, the Sarbanes-Oxley Act of 2002 requires proper internal control and audit procedures for firms. Title VIII of the act makes it a felony for non-compliance. Twenty three states now have laws which mandate notification if personal information may have been compromised. Organizations are required to notify each person

potentially affected and suffer the public embarrassment, even if it is unclear whether the information has fallen into the wrong hands.

Key to the reliability and automated nature of the solution are the battery powered RFID tags which generate strong signals to enable metal encased computers to be identified even when hidden. When placed on fixed desktops, servers, and storage devices as well as on mobile assets such as laptops, the tags are activated on-demand to transmit their ID at key control points such as doorways. An electronic, automatic asset management and protection solution is the only way to have true real time visibility into the status of computer hardware and the records residing there.

To read the full report, go to www.expert-insights.com/accessint.asp



AXCESS International Inc. (OTCBB:AXSI) provides Active and Semi-Active RFID and Real Time Location Systems (RTLS) solutions for enterprise asset management, physical security and productivity, vehicle access and supply chain efficiencies. The Active (battery-powered) RFID tags locate, identify, track, monitor, count, and protect people, assets, inventory, and vehicles. AXCESS is headquartered in greater Dallas, TX and is a portfolio company of Amphion Innovations plc. 1-800-588-6080 www.axcessinc.com

Enterprise Wide Compliance Through Identity Management

Most businesses today have a large amount of diverse technology, whether it is platform operating systems, databases, or applications. Most businesses also have a relatively small amount of integration between their existing systems. Allowing users to authenticate to these systems diverse systems securely is a difficult task. Typically users have different password to each system. Couple this with the fact that the rights and attributes of each person accessing your IT systems continually change as roles, rules and responsibilities change. The challenge is even greater during mergers and acquisitions and when sharing IT privileges with business partners and customers.

New hires need to have the right tools on the first day of hire, and exiting or terminated employees rights needs to be revoked immediately.

With the recent introduction of regulatory requirements such as HIPAA and Sarbanes Oxley, enterprises are finding legally they must implement stronger information security measures to comply with regulatory agencies. The way information is stored accessed and audited is now part of regulatory compliance laws. One of the key areas for integration of these systems is Identity Management. This technology allows the sharing of identity information; information about people, organizations, systems, and security. With

role-based provisioning you can assign resources to your users based upon business roles and policies. New employees are granted access to all the resources they need on the first day on the job, all the necessary workflows and approvals are automated. Identity manager makes it easy for business managers to manage user access instead of relying on manual processes from network administrators. When an employee leaves access is revoked from all systems real time. With Identity Management you can synchronize a user's password to provide a single password to all systems if the user forgets the password, they can be issued a series of automated challenge questions, thus reducing the need to call internal help desk with this task. Novells Identity Manager 3.0 is found to be best of class for both functionality and easy of use.

To read the full report, go to www.expert-insights.com/cis.asp



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