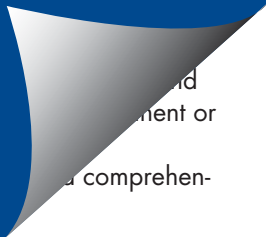


2009



PRODUCT REPORT



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TOP 20 PRODUCTS

Dear Reader:

Each year, *Correctional News* publishes information on hundreds of products we think our readers will find useful, innovative and valuable. The 2009 Top 20 Products report highlights the most popular products featured in the magazines and e-zines in the year since the 2008 Product News issue.

Be sure to look for the 2009 Product News issue in May, and let us know about any new products that would be of interest to your fellow industry professionals at products@emlenpub.com.



VIDEO VISITATION

The video visitation unit from Montgomery Technology Inc. houses a 17-inch LCD monitor and a 380 TV LOR camera protected by a 3/8-inch thick sheet of Plexiglas. It provides full audio using a Walker hearing aid-compatible handset with volume control. The video and audio are digitized and compressed into a MPEG4 stream, providing real-time operation.



The handset is fastened to the unit with a 29-inch armored cable, and rests on a magnetic hanger. All components are secured in 14-gauge steel housing. The wall-mounted unit comes factory-assembled.

Contact **Montgomery Technology Inc.**



CELL GRATING

Peterson Detention Inc. offers Barrier Grille bar grating for cell wall or doors in prisons and jails. The grating is constructed from 3/8 inch x 2 1/4 inch flat bar frames with horizontal flat bar stringers penetrated at least 6 inches by a 7/8-inch double-ribbed round bar. The stringers and round bar are made with mild steel and are designed to be tool-resistant. The round bars are interlocked into the flat bar at each penetration and welded together at either end. The exterior of the grating is powder-coated or galvanized, with mounting angles, cover plates or channels for installing panels.



Contact **Peterson Detention Inc.**



COMMAND CENTER

Norment Security Group offers electronic security products to create custom command centers for correctional facilities. Products include touch-screen control systems, wireless handheld controllers, graphic control consoles, intercom and paging systems, card access protection, video badge processing, watch tour systems and personal duress systems. The company offers custom integration of auxiliary controls including water, lights, receptacles and other controls.



The touch screen provides a menu-driven interface that can incorporate multiple graphic floor, elevation and site plans. Online support and operational procedures are available, and multiple-level passwords protect data.

Contact **Norment Security Group**



SECURITY WINDOWS

Windows from CM Security Group are designed for correctional facilities and include climate-specific designs. Windows are made with a stainless steel or stainless steel hybrid frame. The S-300 for northern climates features a thermally broken system, and the window can be opened. Bars on the outside of the window ensure security. The S-2200 is a thermally enhanced window that features slats that can be opened.



The S-2000 non-thermal window is designed for the south and central regions. The southern climate series is corrosion-resistant and has a steel barrier in the center of the window.

Contact **CM Security Group**



DETENTION SOLUTIONS

Detention equipment manufacturer and security electronics contractor Sierra Detention Systems provides tailored design solutions and integrated installation and maintenance services for jails, prisons and other secure facilities. Sierra has more than 40 years experience in the corrections industry and offers a range of detention equipment, including outfitted and furnished modular steel cells, hollow metal doors, frames and windows, locking devices and hardware, and electronic control systems.



Contact **Sierra Detention Systems**



MAINTENANCE SERVICES

GCL Engineering develops maintenance and management programs for correctional facilities. The firm offers computerized maintenance management systems that provide work order scheduling, preventive and corrective maintenance histories, manpower balancing, documentation of completed tasks, warranty follow-up documentation, vandalism reporting and maintenance cost reporting by building, room and equipment.



The building maintenance program includes plant operations and maintenance, preventive maintenance and repairs for building systems and equipment, energy management, inventory, asset management, capital improvement programs, building commissioning and on-site staff for emergencies and routine servicing.

Contact **Carter Goble Lee**

TOP 20 PRODUCTS



SECURITY DRAWER

Shure Manufacturing Corp. offers the Shuresafe DP20 security drawer for item exchanges between secure and non-secure areas. A sliding upper tray can be used for low-profile items up to 2 inches. The main sliding tray accommodates larger items such as evidence bags, personnel duty items, backpacks and inmate packages.

A manual interlock system prevents simultaneous opening of both doors for enhanced security. The doors have level-three bullet-resistant inserts to protect correctional officers while the inside door is open.

Contact **Shure Manufacturing Corp.**



PERIMETER SECURITY

Aegis p.c. from GDI combines barrier, detection and management components to deliver a fully programmable, customizable and scalable perimeter security solution. The IPB electric fence can be deployed as a standalone security fence, and features a distortion design and tensioning hardware. The Gen V system controller incorporates active-response defense technology and ballistic-, tamper- and weather-resistant modules to provide wireless detection, identification and transmission of intrusions and breaches, according to the company. The Windows-based command centre software provides real-time perimeter monitoring, intrusion detection and response capabilities. The location and nature of alarms and breaches are graphically displayed on an aerial footprint of the perimeter.

Contact **GDI Global**



ELECTRIC FENCE SYSTEM

PowerFence Trophy FT electric fence offers perimeter security and system-wide integration through one management platform and a single-user interface.

Features include site plans that reflect real-time perimeter security status and act

as a graphic representation of the facility; alarms management with the ability to channel all alarms from across distributed sites; a comprehensive audit trail with searching and reporting options; and the ability to view and edit information.

Contact **Gallagher Security Management Systems**



NARCOTICS SCANNER

The lonscan Sentinel II by Smiths Detection is a scanner that detects up to 40 types of narcotic. As the person walks through, puffs of air loosen particles on the person's clothing. The particles fall off the clothing and are analyzed by the machine. About six people can be screened in one minute.

The machine uses a head-to-toe screening method that allows the majority of particles to be released from clothing. Only trace amounts of the narcotic are needed for the machine to process it. A pre-concentration technology and lonscan technology are combined to allow the system to work.

Contact **Smiths Detection**



SECURE FOOD SLOT

Trussbilt offers the Safe-T-Feed feeding slot designed to limit physical interactions between correctional officers and inmates and reduce the potential for assault. The unit clamps onto tracks of a door-mounted sliding food pass. Once food is placed in the locked slot, the sliding door is opened using a thumb catch.

The thumb catch is hidden in the handle of the sliding door



and a padlock can be attached to the same tab for extra security. The tab is welded to the door. A door near the back of the box is used to put food inside the tray. The box can be removed from the door by sliding the door closed and latching it.

Contact **Trussbilt**



PERIMETER DETECTION

The Defensor perimeter detection system uses a sensor cable that is mounted to a fence or physical barrier and transmits alarm notifications of intrusions and breaches. The cable uses microphonic audio technology to detect if someone is attempting to climb under or over, cut or damage the barrier.

The system uses a magnetic sensor to create a precise detection system. It is weather resistant and has a low false-alarm rate, according to the company. It can be mounted to a fence or wall using cable ties and an alarm will sound if the ties are cut.

Contact **Oldcastle Security**



PAGE ZONE EXPANDER

Harding Instruments manufactures the PZE-110 page zone expander, a 1U rackmount unit that complements the company's DXL digital intercom system. It enables the user to add multiple page zones to an intercom system, eliminating the need for external relays and PLC control.

The unit includes 16 general purpose status inputs for various controls and monitoring purposes. The system has three banks of six audio outputs and a separate control point for keying an external paging amplifier.

Contact **Harding Instruments**

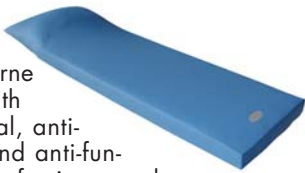


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SEALED MATTRESS

Bob Barker Co. offers the Sealed Safe mattress, a sealed mattress with a memory fiber core that offers support and retains its shape. The mattress is constructed to withstand fire, fluids, and air- and fluid-borne particles, with anti-bacterial, anti-microbial and anti-fungal coatings for improved hygiene and ease of cleaning. The bed is crack resistance and offers seam strength to reduce the risk of inmate tampering.



Contact **Bob Barker Co.**

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TELEPHONE VISITATION

VisitPhone 500 from Sound Powered Communications is a voice-powered telephone system designed for direct through-the-wall visitation in correctional facilities. The system utilizes solid-state electronic components developed for low drain applications and eliminates the need for remote power supplies, circuit cards and long conduit runs, according to the company. The hearing aid compatible system is available with ADA-mandated volume control and includes handset pairs, with chrome-plated hangers and 32-inch spiral-wound, steel-armored cables, stainless steel two-gang wall plates and cast aluminum two-gang, surface-mount back boxes. Wall plates and handsets incorporate anti-tamper screws to prevent removal of the transmitter or receiver components, which are interchangeable and backed by a five-year warranty, according to the company.



Contact **Sound Powered Communications**

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BIODEGRADABLE CONTRABAND BAG

The contraband recovery unit by Ferguson Safety Products offers a green way to collect contraband ingested by an inmate. The toilet is lined with a fully biodegradable waste collection bag.

Correctional officers can monitor the clear bag for baggies, condoms or balloons that are often used to hide contraband.

An odor-neutralizing, decay catalyst powder lines each bag and will turn up to 21 ounces of liquid into gel.

The catalyst immediately breaks down solid waste without damaging balloons, condoms or baggies, which decreases the risk of contaminating contraband, according to the company.

The bags are disposed of in zip-lock containers supplied with the unit. The bag and its contents will fully biodegrade within eight months, according to the company.

Contact **Ferguson Safety Products**



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INMATE TRANSPORT

Motor Coach Industries manufactures fully secured heavy-duty coaches for the transportation of up to 69 inmates.

Available features include: lavatory, inmate containment barriers and cells, window bars, rear officer position, embossed stainless steel interior, bullet resistant materials, Code 3 lights and siren, external PA and mid-coach emergency door. Interiors are custom designed to specification.

Coaches feature an automatic six-speed transmission with cruise control and a 12.7 liter 435 hp. Vehicles are 40 feet long with an interior height of 6 feet, 10 inches and a gross weight of 46,000 pounds.

Contact **Motor Coach Industries**



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MODULAR CELLS

Tindall Corp. offers a pre-cast modular cell that can be constructed

on-site at an average rate of 40 cells per day, according to the company. The cell modules are manufactured in PCI-



certified plants to match quality standards. The six-sided construction of the individual modular cell includes up-fitted chases, furnishings and finishes that meet each facility's specifications. The cells can include a toilet, beds, mirror and seating area.

Contact **Tindall Corp.**

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GREEN ELECTRONIC KEY

The rechargeable cyberkey from Videx Inc. is a new addition to the company's

CyberLock electronic lock system. The small form, environmentally friendly key incorporates a lithium-ion polymer battery that charges fully in 15 minutes

to two hours and has a battery life of 3-4 years, according to the manufacturer.

The key is housed in a durable metal case. Red and green LEDs provide feedback to the user on access events and key status. Keys can also be color-coded for specific user groups.

Contact **Videx Inc.**



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ROOM STERILIZATION

Zimek is a room sterilizing system that enables the complete sterilization of all interior

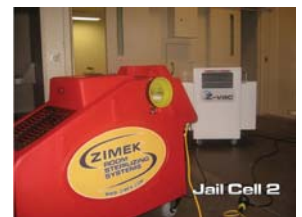
air within a confined space and disinfects all surfaces. Inside each system is a micro-particle

generator that converts a disinfectant solution into negatively charged ion-particulates. The particles impregnate

microscopic spaces in porous and non-porous surfaces and attach to positively charged contaminants in a room.

The system kills environmental contaminants and contagions, including MRSA, bird flu, toxic mold, Norwalk virus, bacteria, allergens and other nosocomial pathogens, in as little as 20 minutes, according to the company. The system does not contain chlorine and does not leave a wet residue.

Contact **Zimek Technologies**



TOP 20 READER SERVICE RESPONSE FORM

To receive further information on any of the Top 20 Products or Companies, please check the appropriate box(es) and FAX this form to: 415-460-6288

Please provide your contact information so we can better service your request:

Your Name:

Company:

Address:

Phone Number:

E-mail Address:

- 1 MONTGOMERY TECHNOLOGY** Security Integration/Security Electronics
- 2 PETERSON DETENTION INC.** Security Integration/Security Electronics/Detention Hardware
- 3 NORMENT SECURITY** Security Integration/Security Electronics/Detention Hardware
- 4 CM SECURITY GROUP** Modular Cells/Building/Windows/Glazing/Coverings
- 5 SIERRA DETENTION SYSTEMS** Security Integration/Detention Hardware
- 6 CARTER GOBLE LEE** Architectural/CM/Engineering Services
- 7 SHURE MANUFACTURING** Food Service/Commissary/Access Control/ADA Compliance
- 8 GDI GLOBAL** Security Electronics/Perimeter Security
- 9 GALLAGHER SECURITY MANAGEMENT SYSTEM** Security Electronics/Perimeter Security
- 10 SMITHS DETECTION** Security Electronics/CCTV/Metal Detectors
- 11 TRUSSBILT** Wall Systems/Materials/Doors/Frames
- 12 OLDCASTLE SECURITY** Modular Cells/Building/Perimeter Security
- 13 HARDING INSTRUMENTS** Communications
- 14 BOB BARKER CO.** Protective Gear/Restraints/Furniture
- 15 SOUND POWERED COMMUNICATIONS** Communications
- 16 FERGUSON SAFETY PRODUCTS** Suicide Prevention/Bedding/Mattresses
- 17 MOTOR COACH INDUSTRIES** Transportation
- 18 TINDALL CORP.** Construction Materials/Modular Cells/Building
- 19 VIDEX INC.** Access Control/Locks/Hardware.
- 20 ZIMEK TECHNOLOGIES** Hvac/Air Filtration