

TSI PRISM™

A DIVISION OF BLACK CREEK INTEGRATED SYSTEMS CORP.

REAL-TIME RFID TRACKING TECHNOLOGY

OFFICER SAFETY | INMATE TRACKING | OPERATIONAL COST REDUCTION

“This technology will change not only the way inmates live, but how staff run the institutions.

This will revolutionize prisons in California and nationwide.”

LARRY COTHRAN

Executive Officer | Technology Transfer Committee

AS QUOTED IN CALIFORNIA DEPARTMENT OF CORRECTIONS' CORRECTION NEWS

OFFICER SAFETY

Officers and staff wear belt-mounted Personal Safety Device transmitting units that send a unique radio signal every two seconds. When the red emergency button is depressed, an alarm is sent to Central Control. If an officer is "down" for longer than a pre-specified time, an alarm is automatically sent to Central Control.



Hypothetical Incident: Officer Jones has been rendered unconscious. Within seconds, an alarm rings in the Central Control Room and the closest officers are identified and dispatched. TSI PRISM automatically triggered the alarm when Officer Jones went down and identified where he was in the facility as well as the names of the inmates in the area. Officer Jones was wearing a TSI PRISM Personal Safety Device, part of a next-generation technology providing the most advanced officer safety features ever developed. In an alarm situation, the TSI PRISM system tracks the officer's location at two-second intervals to ensure that help arrives as quickly as possible.

INMATE TRACKING / MANAGEMENT

Inmates wear wrist-mounted, tamper-resistant transmitting units that send a unique radio signal every two seconds. The unit resists removal by the inmate, and sends an alarm if it is removed.



Actual Incident: In December 2001, a California inmate was stabbed in his bunk. Within minutes of discovering the wounded inmate, security staff knew who had attacked the inmate and had obtained a confession, saving hours of investigative time and money. How? By examining the data records archived by the TSI PRISM system to discover who was in the inmate's cell when he was stabbed.

INCIDENT REDUCTION

After TSI PRISM was installed in a Southern California correctional institution in November 1999, a comparison was made of data between two years before the system was installed and after one year of testing.

The following reductions were realized:



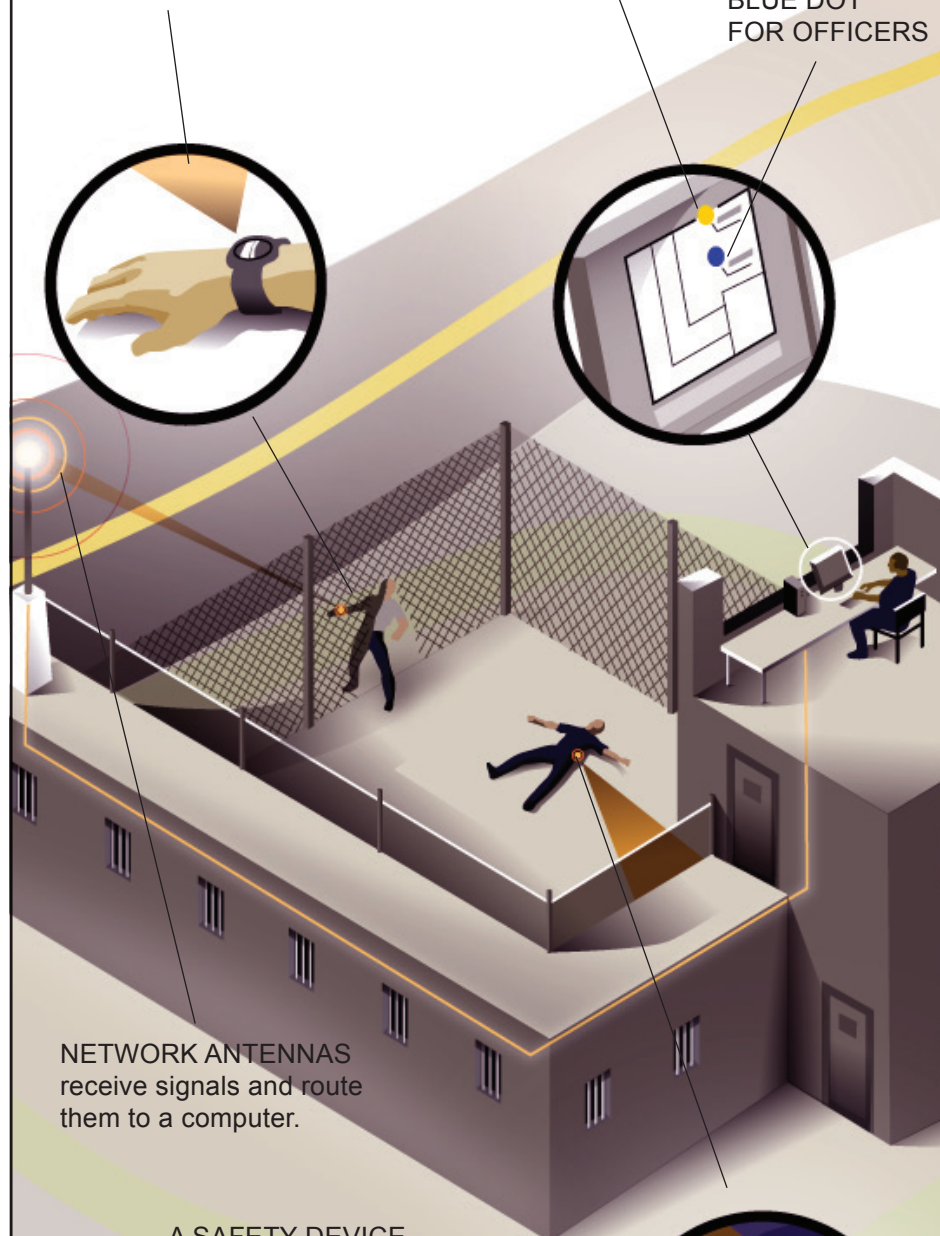
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THE ELECTRONIC BRACELET worn by inmates is waterproof and tamperproof. Each one transmits an indentity-stamped radio signal every two seconds. If an inmate leaves the security perimeter, an alarm is sounded at the control center.

A COMPUTER MONITOR displays the location and identity of inmates and officers. Information is archived for possible use in investigations.

YELLOW DOT FOR INMATES

BLUE DOT FOR OFFICERS



NETWORK ANTENNAS receive signals and route them to a computer.

A SAFETY DEVICE is worn by officers. It has an emergency button to call for help and a function that sends an alert if the officer is in a horizontal position.



EMERGENCY BUTTON

TSI PRISM™

LT. RICHARD JENKINS
California State Prison

"This system provides the best security for the staff of anything else out there, and I wouldn't want to run this facility without it."

OPERATIONAL COST REDUCTIONS

TSI PRISM™ PROVIDES:

- **REAL-TIME TRACKING:** An automatic head count is conducted every two seconds, including the location of each inmate, giving:
 - Administrators a powerful inmate management tool
 - Quick clearance of out-of-balance head counts
 - The option to reduce staff-intensive manual head counts
- **STAFF SAFETY:** Instantaneously alerts Central Control of the name and location of officers requiring assistance, the names of all inmates in the immediate vicinity and the ability to track the event in real-time, reducing response time and the costs associated with injury to an officer and subsequent investigations.
- **ESCAPE DETERRENT:** Enhances public safety and dramatically reduces escapes and subsequent recapture costs through:
 - Immediate alarm notification of the who, when and where of an attempted escape
 - Prevention of escapes due to early recognition of an escape attempt
 - Immediate alarm notification of the removal of an inmate unit
- **BEHAVIOR MODIFICATION:** Once inmates are aware of the continuous monitoring and reporting capabilities of TSI PRISM they are significantly less likely to engage in violent and anti-social incidents, resulting in:
 - Fewer investigative reports
 - Less property damage
 - Lower medical costs
 - Reduced worker's compensation expense
- **EVIDENCE:** A computer archive (weeks or optionally, months) of the location of every inmate every second of every day acts as a powerful evidentiary tool effective in reducing litigation and the time required to track movement of contraband or pursue any other investigation.
- **STAFF PRODUCTIVITY:** The electronic "eyes" provided by TSI PRISM help staff to achieve greater productivity, reducing overtime requirements and allowing more time for activities such as drug screening, security and contraband sweeps.
- **NO EXTRA STAFF REQUIREMENT:** TSI PRISM requires no additional hires or specialized expertise to operate. In most situations, it pays for itself in lowered expenses and increased productivity.

"This kind of technology will change the way prisons are run because it takes the manpower that is necessary to run a prison and makes it electronic. It converts the information of a thousand eyes. It takes away all the guesswork of investigations. Will this change almost every facet of prison life? I think so."

LARRY COTHRAN

National Law Enforcement and Corrections Technology center | AS QUOTED IN [TECH BEAT](#)

ADDITIONAL BENEFITS

Each tamper-resistant inmate tracking wristband unit has a unique embedded barcode providing additional benefits gained from installation of the TSI Prism system.

The following features can be automated:

- Ingress and egress for work details or court proceedings
- Key and radio assignment shift changes. No more searching for which officer has the keys at any given point in time.
- Time keeping for officer shifts
- Scheduling of inmates for work or classroom attendance
- Maintenance of commissary accounts
- Meal and special diet distribution
- Medication distribution

“We are pleased with the system. It gave us an early warning when an inmate took the bracelet off his wrist prior to going over the fence. It allowed us to react and apprehend him in a very short time.”

WARDEN LARRY SMALL
California State Prison

NELSON GRIFFIS, PHD
W.J. Maxey Boys Training School
Michigan Maximum Security Facility

“Our intention when we purchased the TSI PRISM system was to increase the safety of our staff. I also wanted to use the system’s tracking capability to continuously make youth accountable for their movements. We activated the system in July 2002. **Our staff safety increased and I am impressed by the accuracy of positioning data the system generated. The Prism system exceeded my expectations.**”

CALL TODAY FOR A DEMONSTRATION **800.834.0075**

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