

## SmartWatch® SecureBorders Solutions

U.S. border security has become the focus of scrutiny since the terrorist attacks of September 11, 2001. It is now more important than ever to monitor the entry of foreign nationals into the United States. The problems associated with illegal immigration across U.S. borders are well known. Security must now be enhanced along our international borders without impacting the profitable trade relationship between our neighbors. We must log in, log out, and monitor the movement of foreign nationals within the United States to reduce the threat from external terrorists.



TransCore understands these security requirements and has designed, integrated, and deployed border crossing systems since 1995 to expedite the movement of authorized travelers and freight through entry/exit points, thereby allowing agents to focus on unidentified, high-risk transactions. The SmartWatch SecureBorders offerings are part of TransCore's SmartWatch framework of security-focused solutions, featuring the integration of RFID and other advanced technologies to enhance both efficiency and security of ground transportation systems.

### THE SENTRI SYSTEM DEPLOYED BY TRANSCORE

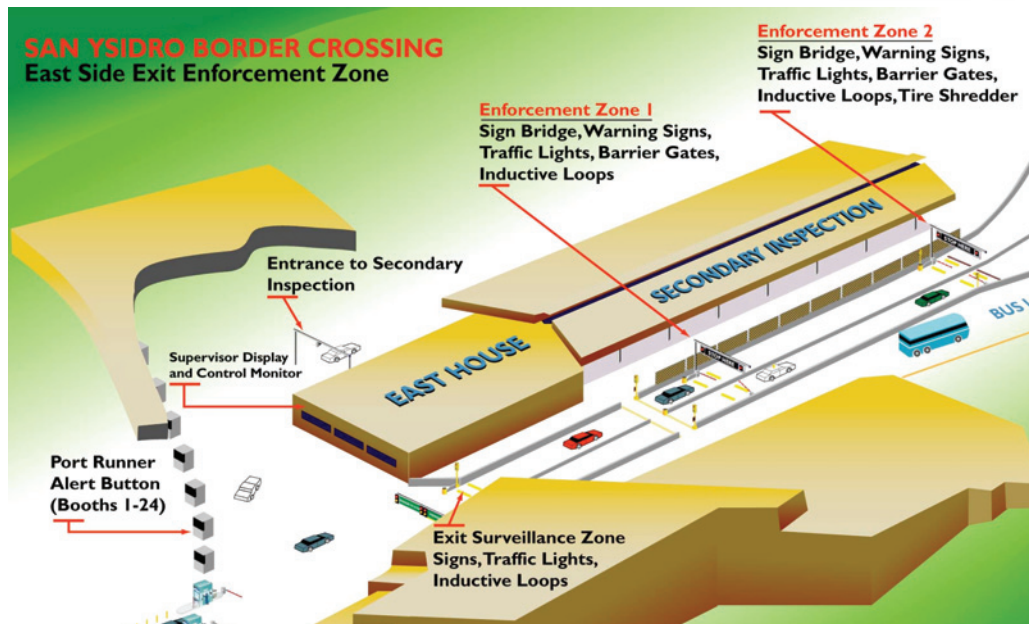
Frequent international border commuters can enroll in the Secure Electronic Network for Travelers Rapid Inspection (SENTRI), a system TransCore initially developed for the Immigration and Naturalization Service (INS) to enhance the efficiency of the border crossing process.

Utilizing sensors based on radio frequency identification (RFID) technology, the system registers frequent international travelers and authorizes them to pass through dedicated commuter lanes at international border crossings. These lanes expedite the movement of low-risk travelers, reduce congestion, improved traffic flow through the Port of Entry, maintained port security, and allow reallocation of inspection resources to monitor high-risk travelers.

The SENTRI system is currently installed at the borders of San Ysidro and Otay Mesa, CA and El Paso, TX. The enforcement capabilities, security, and congestion reduction have exceeded all expectations.

There are three key security aspects of the SENTRI system, which is graphically depicted on the following page:

- **Registration and background check** Includes fingerprinting, making photo ID, checking vehicle, and attaching a RFID tag to the vehicle of each trusted traveler
- **Booth security** Includes bollards to keep lanes physically closed, automatic vehicle identification (AVI) sensors for detection and identification, and displays that allow inspectors to view data about the approaching vehicle, its driver, and its passengers



- **Exit Control** Includes signs and traffic lights at Exit Surveillance Zone; barrier gates, signs, and traffic lights at Enforcement Zone 1; and barrier gates, signs, traffic lights, and tire shredders at Enforcement Zone 2 to eliminate the possibility of port runners and increase the safe flow of traffic into the US.

## A BROADER APPLICATION FOR ENTRY/EXIT SECURITY

TransCore's vision is to create a North American standard for all secure border entry/exit control systems. To that end, TransCore has worked with both public- and private-sector stakeholders as a systems integrator for various secure border projects. For example, at the Ports of Tacoma, Seattle, and Everett, WA and Long Beach, CA, all trade transaction elements (carrier, cargo, container, and driver) are positively identified and monitored through the trade gateways. Also, at the Ports of Long Beach and Los Angeles using the Alameda Rail corridor in southern California, freight is moved 20 miles inland to the intermodal freight processing facility. Here electronic seals are tested to prove the feasibility to monitor security and positively identify freight containers associated with a specific train and rail car.

## TRANSCORE IS THE RIGHT CHOICE

TransCore provides technology-based services and products that enable its customers to efficiently manage ground transportation systems, assets, and transactions. With a world-class ISO 9001-certified design, development, and manufacturing center and 104 patents, TransCore's expertise in providing solutions that improve transportation efficiency and security is unparalleled. For more information on the SecureBorders application, e-mail a request to [secureborders@transcore.com](mailto:secureborders@transcore.com). Application profiles on additional SmartWatch security-focused solutions are found at [www.transcore.com/markets\\_homeland\\_security](http://www.transcore.com/markets_homeland_security).



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