

TWIC Handheld Reader

Mobile Authentication & Validation Solution for the TWIC Program

Benefits of the solution:

- ▶ **Validation** – Immediate validation of identity and attributes even in power out and network down situations
- ▶ **Privacy** – Organizations leverage information on the credential to confirm identity, and there is no need for large identity databases to be maintained locally
- ▶ **Auditability** – Audit information captured locally and available for compliance and regulatory requirements
- ▶ **Always up-to-date** – Dynamic updates occur anytime a connection is available
- ▶ **Interoperability** – Validation of any federal, state or local credentials issued from FIPS-201 compliant or interoperable infrastructure, or drivers license based credentials

To expand security at the nation's ports, Congress enacted The Maritime Transportation Security Act (MTSA) of 2002.

The MTSA states that all individuals requesting unescorted access to enter a secure area must present a transportation security card (now called TWIC: Transportation Worker Identification Credential) that includes an individual's identity, biometric, and status.

To meet the needs of this market, TransCore, CoreStreet and DAP developed an integrated solution consisting of an infrastructure component linking to existing global identity management systems, and software for readers designed to allow authorized personnel the ability to control access to any site with confidence by quickly authenticating and validating the roles and identities of individuals requesting access.



The TWIC program, administered by the Transportation Security Administration (TSA) and U.S. Coast Guard, is a vital security measure that will ensure individuals who pose a threat do not gain access to secure areas of the nation's maritime transportation system. Over one million merchant mariners, port facility employees, longshoremen and truck drivers will require a TWIC credential for unescorted access to secure areas of maritime facilities and vessels regulated by MTSA. The Coast Guard will verify TWICs when conducting vessel inspections and during spot checks using hand-held scanners, ensuring credentials are valid.

The CoreStreet PIVMAN solution is the only solution that is on the FIPS 201 Approved Products List, the DHS Authorized Equipment List (AEL) and the Standardized Equipment List (SEL). Products on AEL and SEL are 100% reimbursable through DHS grants.

For a list of procurement vehicles please contact Scott Brosi 972.567.1693 or scott.brosi@transcore.com

CE3240B-NA Hand-Held, Specification Base Unit:

- ▶ Intel XScale 520 MHz Bulverde PXA270 Processor
- ▶ Microsoft Windows CE 5.0 OS, DAP Shell Manager, CE Internet Explorer
- ▶ 128 MB Storage Flash / 128 MB SRAM
- ▶ Rechargeable Lithium Ion Battery (user changeable without tools)
- ▶ 1/4 VGA 3.5 inch QVGA TFT Transmissive Color Touch Screen
- ▶ 22-key keypad including 10 Numeric Keys and Function Keys
- ▶ 1 PCMCIA Type II Card readers
- ▶ 2 SDIO Card readers
- ▶ Integrated WLAN 802.11b/g and Bluetooth Wireless – (CE3240BW Only)
- ▶ IP 65; MILSPEC 810F
- ▶ Base Unit dimensions: 2.05" x 3.1" x 7.7"
- ▶ Base Unit weight: 1 pound
- ▶ Hand Strap, Stylus, User Guide and CD
- ▶ One year warranty (parts and labor). Extended warranty available

TransCore TWIC CE3240B Features

- ▶ 3240-FFEC or 3240-FFC biometric reader end cap with/without 1D/2D reader.
 - FIPS-201 compliant biometric reader
 - 18mm x 12.8 mm sensor surface
 - Spatial resolution – 508 dpi
 - Protective coating
 - Operating Temperature -20C to +50C
 - Environmentally resistant
- ▶ 3240-SCR Smart Card Reader
 - Contact and contactless reader
 - FIPS 201 Compliant (Appears on the FIPS 201 Approved Products List (APL))
 - ISO1443 A/B & ISO 15693 compliant
 - HID: iCLASS®
 - ST micro: x-indent, SR 176, SR 1X4 k
 - Infineon: My-d (in secure mode UID only)
 - ATMEL AT088RF020

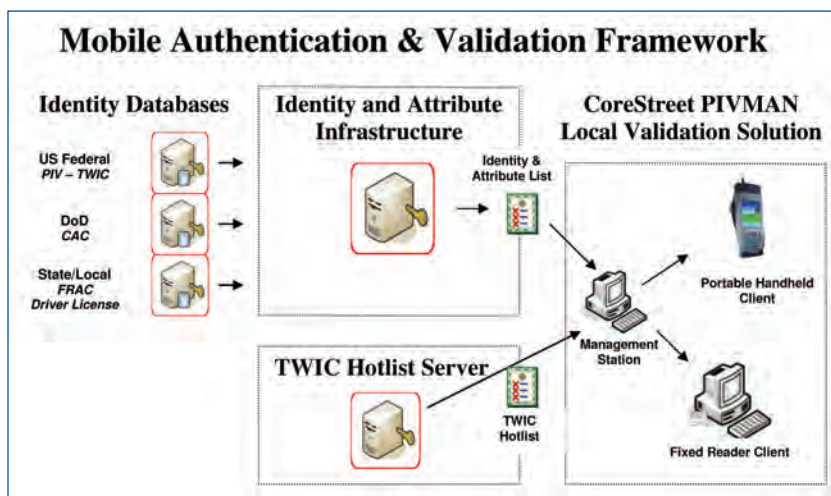
3240-SSM Smart Card Reader, Magnetic Stripe Reader & SAM card reader

- ▶ **Smart Card Reader**
 - same specifications as the 3240-SCR above Magnetic Stripe Reader
 - 3 track reader – low power, bi-directional
 - Temperature range -20C to +70C
 - EIA/TIA-232 compliant
 - Accurately reads in forward or reverse directions
 - Automatic Gain Control (AGC) – reads cards from 30% - 200% of ISO 7811 amplitude standard
 - Reads all types of standard cards: ANSI/ISO/AAMVA, High Coercivity (HiCo) or Low Coercivity (LoCo)
- ▶ **SAM card reader**
 - Security Authentication Modules (up to 4- SAM cards)
 - Usually used to hold cryptographic keys
 - User accessible
- ▶ **Power Components:**
 - 110 VAC adapter, charger and office cradle included with base unit. Provide Ethernet, USB-Host and USB-Client connectivity
 - Optional – 110v or 12v Bay External Battery Charger available upon request

Operating with CoreStreet PIVMAN software application

Optional – Vehicle Cradle

Allows you to recharge and communicate via 3x RS232 ports, a USB-Host or USB-Client port. It can be easily installed on the dashboard, seat or floor, and is fully adjustable to allow for multiple mounting options.



For more information:

Call **972.567.1693** or email **scott.brosi@transcore.com**