



Palm® Treo™ smartphones for Government: Common Access Card (CAC) Reader and Security Software



More secure, mobile email that meets strict government requirements

Get FIPS 140-2 validated encryption with a turn-key CAC Pack for Palm® Treo™ smartphones.

The Treo smartphone delivers Palm's world-class ease of use on the Microsoft® Windows Mobile® platform. It combines a smarter phone with broadband-like speeds,¹ wireless email with Microsoft's Direct Push Technology,^{2,3} and rich media capabilities all in one go-anywhere device. Now, mobilizing communications while meeting the security needs of government is easier for Treo smartphone users. Whether it's the military, Homeland Security, or state and local law enforcement, Palm works with the industry leaders to provide government agencies with more secure wireless email and simple turn-key solutions.

The new Smartphone Security Version 7 CAC Pack from Trust Digital™ takes a Treo smartphone running Windows Mobile 5.0 with Messaging and Security Feature Pack (MSFP) to a new level of security scalability and accessibility. CAC Pack components include:

- A secure, compact, and rugged Bluetooth® wireless technology-enabled CAC reader
- Middleware software that uses Windows Mobile security features to access the CAC digital signature and encryption algorithm to digitally sign and encrypt email
- Security software that provides device level authentication and data-at-rest encryption (AES 128/196/256 and Triple DES) of the smartphone

How a CAC helps keep government email secure on a Treo smartphone using the Windows Mobile platform

The Treo smartphone uses Microsoft's Direct Push Technology to deliver wireless email via Exchange ActiveSync® software using Microsoft Exchange Server 2003 with Service Pack 2 which implements FIPS 140-2 validated cryptographic modules to help protect over the air email transmission or receipt. The CAC Pack reader provides two-factor authentication of the email user and enables the Treo smartphone to digitally sign and/or encrypt email messages. Policy-based security software on the device supports FIPS 140-2 validated data-at-rest encryption of all email information and controls Treo



smartphone resources such as the camera and Wi-Fi connection. Trust Digital's easy-to-use, web-based console centralizes management of Treo smartphone security with help desk, compliance reporting and policy editing capabilities.

Supported security profiles

- DoD 8100.2 wireless security compliance
- S/MIME and PKI authentication supported
- FIPS 140-2 validation of OTA and data-at-rest encryption
- Security policy enforcement on device with centralized compliance reporting and enforcement

¹ Within high-speed data wireless service coverage area only. Actual data speeds may vary based on network capacity and application design.

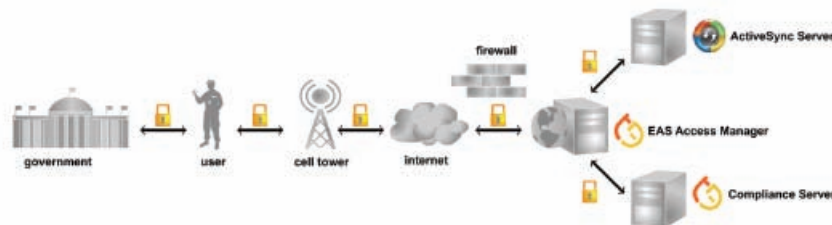
² Within wireless service coverage area only. Email and web require data services from a mobile service provider at an additional cost. Calling requires a voice plan. ISP and/or VPN may also be required.

³ Microsoft Direct Push Technology requires Microsoft Exchange Server 2003 with SP2 or Exchange Server 2007.

Secure mobile CAC solution

The Department of Defense general identification and authentication smart card can now be used for mobile communication by all personnel with Treo smartphones. Compact, full-featured, and ready for a retractable cord or lanyard, this CAC reader enables secure, encrypted wireless email.

 +  TRUST DIGITAL™ CAC Pack = Flexible, Mobile & Secure Email



Mobile security from leading solutions providers of security software to government agencies and the DoD.



Trust Digital

The CAC reader is designed for Windows Mobile®-based devices such as the Palm® Treo™ smartphone. Integrated with enabling CAC middleware, this wireless solution permits the CAC user to perform many of the same functions on a Bluetooth® wireless smartphone that are available on a desktop PC. It allows authorized personnel to use their smartphone to digitally sign and encrypt/decrypt email and documents, log on to secure Web sites and utilize other applications that require the CAC. They can also connect their reader and CAC to a desktop computer. The reader can also function as a badge holder, with the printed identification features of the card exposed for visual inspection.

Policy-based CAC Pack software helps eliminate the risks associated with accidental or malicious data disclosure using FIPS 140-2 validated encryption. It also manages and controls device access, oversees communication ports such as Bluetooth® and IR, supervises software installation and execution, as well as controls SMS text messaging, camera, video, and voice functions. The CAC Pack adheres to Defense Information Systems Agency guidelines and is listed on the U.S. General Services Agency schedule.

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Treo Smartphone with Windows Mobile platform specifications:

- Wireless:** CDMA 800/1900 MHz digital dual-band EvDO and Bluetooth® 1.2 wireless technology, Infrared (IR)
- Memory:** 128MB / 60MB nonvolatile memory available to user
- Processor:** Intel® XScale™ 312MHz
- Expansion:** MultiMediaCard/SD/SDIO card slot
- Battery:** Removable, rechargeable lithium-ion battery, Up to 5 hours talk time, more than 300 hours standby time
- Operating System:** Windows Mobile 5.0 Pocket PC Phone Edition
- Camera:** 1.3 megapixel with 2x digital zoom, video capture support, automatic light balance
- Display:** 240 x 240 color touchscreen with support for over 65,000 colors
- Size/weight:** 4.4" x 2.3" x 0.9" (111 mm x 58 mm x 22.5 mm)
6.4 ounces (180 g)

Visit palm.com/government or call 1-866-799-PALM for additional secure government solutions.