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OFFICE OF THE SECRETARY OF THE ARMY  
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WASHINGTON DC 20310-0107

Office, Chief Information Officer / G-6

NETC-EST-A

31 OCT 2003

MEMORANDUM FOR SEE DISTRIBUTION

SUBJECT: (U) Guidance for Transition to Secure/Multipurpose Internet Mail Extensions (S/MIME)-Enhanced and Common Access Card (CAC)-Enabled Two-Way Wireless Email Devices

References:

A. Memorandum, HQDA, NETC-EST-A, 14 Jan 03, subject: Secure/Multipurpose Internet Mail Extensions (S/MIME) Enhanced BlackBerry - Cryptoberry Information Memorandum, AKO Document ID Number: 428647.

B. Command, Control, Communications, Computers, and Information Management (C4IM) Service List, AKO Document ID Number: 594428.

C. Email, OSD-C3I, Ms. Ellen Law, 19 Jun 03, subject: Further Guidance for Blackberries (U), AKO Document ID Number: 428632

D. Memorandum, USD(P&R), 25 Sep 03, subject: Common Access Card Issuance Mandate, AKO Document ID Number: 567449

E. Memorandum, DoD CIO, 10 Oct 03, subject: Public Key Infrastructure (PKI) and Public Key Enabling (PKE) Implementation Update, AKO Document ID Number: 592956

This memorandum establishes Army transition guidance on the use and procurement of Secure/Multipurpose Internet Mail Extensions (S/MIME)-enhanced and Common Access Card (CAC)-enabled two-way wireless email devices.

The shared Department of Defense (DoD) and Army goal is that future wireless devices will have the capability, when required, to digitally sign and encrypt official business emails. Per reference A, this will only be accomplished in the Army using hardware encryption certificates, i.e. using certificates on the CAC. Due to current technical complexities, the implementation of S/MIME-enhanced and CAC/Public Key Infrastructure (PKI)-enabled, two-way wireless email devices (i.e. Personal Data Assistants (PDAs) such as BlackBerries, Palm Pilots, Pocket PCs, etc.) lags behind that of desktop computers.

The continued use of existing two-way wireless email devices is authorized with the understanding that the devices shall be upgraded or replaced with S/MIME-enhanced and CAC-enabled devices when they become available. Until that time, new devices may be purchased, but only if they use a Federal Information Processing Standards (FIPS) 140-1/2-validated cryptographic module, and have a roadmap, i.e. distinct upgrade path, to S/MIME-enhancement and CAC-enabling. Users of existing devices and newly purchased devices will be required to transition to devices that use a FIPS 140-1/2-validated cryptographic module and are S/MIME-enhanced and CAC-enabled, within six months after a device/service combination with acceptable performance becomes available in their local area.

As per reference B, as part of service 15.6 Wireless Services, Directors of Information Management (DOIMs) are tasked with providing two-way wireless email devices (referred to as "PDAs") and service contracts (on a reimbursable basis). DOIMs procuring and perspective users requesting two-way wireless email devices shall consider: (1) available local coverage area per service provider; (2) the use of a FIPS 140-1/2-validated cryptographic module; (3) the roadmap for S/MIME-enhancement and CAC-enabling; (4) locally administered network security policies, guidelines, and restrictions; and (5) current capabilities. When selecting a wireless carrier or plan, consideration should also be given to the user's travel habits (i.e. CONUS or OCONUS). Dual-purpose devices (i.e. offering both voice and data), can also be considered whenever appropriate, provided the user understands that the phone is non-secure.

The Army CIO/G-6 will not purchase these devices for the Army. As per reference B, initially this is a reimbursable service and will require funds to implement or expand at the local level. DOIMs and activities procuring two-way wireless email devices should use either of the following Blanket Purchase Agreements (BPAs):

a. Network Enterprise Technology Command (NETCOM), Enterprise Systems Technology Activity (ESTA), Army Telecommunications Directorate (ATD), point-of-contact (POC): Ms. Ada Veney, (520) 538-7934, DSN 879-7934, email: [ada.veney@us.army.mil](mailto:ada.veney@us.army.mil).

b. Army Small Computer Program, POC: Ms. Shacasia Thompson, (732) 427-6784, DSN 992-7123; email: [Shacasia.Thompson@us.army.mil](mailto:Shacasia.Thompson@us.army.mil); Web site: [http://pmscp.monmouth.army.mil/contracts/admc-1\\_gtsi/admc-1\\_gtsi.asp](http://pmscp.monmouth.army.mil/contracts/admc-1_gtsi/admc-1_gtsi.asp); other sources are pending.

The Army CAC/PKI office will post additional information and guidance regarding two-way wireless email devices in the "Policy Documents" folder in the "CAC - PKI - KMI" Knowledge Collaboration Center (KCC) under the AKO "Collaborate" tab. This will include devices using both a FIPS 140-1/2-validated cryptographic module and

identified as having the required roadmap to S/MIME-enhancement and CAC-enabling. The information can be found by entering "CAC - PKI - KMI" (with spaces before and after the hyphens) in the "Search for an Army Community" window on the KCC home page.

My POCs for this action are Mr. Chris Miller, 703-601-1947, DSN: 329-1947, [chris.s.miller@us.army.mil](mailto:chris.s.miller@us.army.mil), and Mr. Jim Lynch, 703-601-1942, DSN: 329-1942, [james.lynch1@us.army.mil](mailto:james.lynch1@us.army.mil), NETCOM Information Assurance Directorate, Army CAC/PKI.



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