



AIR FORCE PUBLIC KEY INFRASTRUCTURE SYSTEM PROGRAM OFFICE

SMART CARD LOGON / NEXT GENERATION (SCL/NG)

Imagine access to all your Air Force network accounts with a single CAC!

WHAT IS SMART CARD LOGON / NEXT GENERATION?

SCL/NG is evolving technology that will empower most Air Force network users with the ability to log on to multiple unclassified Air Force network accounts with a *single* Common Access Card (CAC).

Smart cards, including CACs and Alternative (Alt) Tokens (pictured right), contain PKI certificates used to log on to Air Force networks. The current way we log on to the network, however, has some limitations. Network users with *multiple* unclassified accounts and permissions within the *same* Active Directory forest have been forced to use different smart cards for each account, and are issued Alt Tokens to supplement their CACs.

Why would an Air Force network user have multiple, unclassified accounts and permissions? Many serve in various critical network and support roles, to include:

- ◆ Network Administrators
- ◆ Client Support Administrators
- ◆ Help Desk Personnel
- ◆ Air Force Medical Staff

SCL/NG TO MINIMIZE NEED FOR ALT TOKENS. Alt Tokens are cumbersome and costly to produce, issue, and manage. SCL/NG, made possible with Windows 2008 Server-based Active Directory and Windows Vista (and later) operating systems, dramatically reduces Alt Token requirements. This is because SCL/NG involves changes in Air Force network settings to allow logon to multiple accounts using a single CAC.

WHO WILL SCL/NG AFFECT? Do you log on to the Air Force network to do your job? If so, SCL/NG will have a direct impact on **YOU** the first time you log on during SCL/NG implementation. SCL/NG also specifically provides increased convenience and security for the network user groups listed above. For those individuals with multiple DoD affiliations (i.e., Active Duty, Reserves, National Guard, Civilian, and Contractor), who have been issued multiple CACs, SCL/NG will **NOT** combine your multiple CAC roles, but will affect your logon experience for each CAC.

SCL/NG: WHAT YOU CAN EXPECT. SCL/NG will arrive at your Air Force desktop in two phases—one has already begun! You'll start to notice a subtle but important difference on the screen when inserting your CAC to log on. Specifically, you'll begin to see additional certificates, represented by icons, that you're able to select for logon. See the reverse side to learn more about the changes coming to an unclassified Air Force desktop near you.



HTTPS://AFPKI.LACKLAND.AF.MIL



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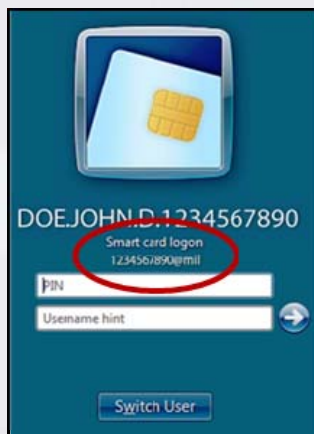
SCL/NG CURRENT STATUS: WHAT YOU SEE NOW. Under the Smart Card Logon (SCL) architecture we are accustomed to, we log on to the Air Force network with our DoD E-mail Signature Certificate on the CAC. For most, your usual logon screen looks like the image below.



PHASE I: WHAT YOU'LL SEE SOON. During SCL-NG implementation, we will begin to see two PKI certificates displayed while logging on for the first time to our Air Force desktops with the CAC. One is the DoD E-mail Signing Certificate, and the other is the DoD Identity Certificate (pictured below). Select the E-Mail Signature Certificate, displayed on the left, to successfully log on to your workstation.



How can you tell the difference between the two certificates? You may notice from the above image that both certificate icons appear identical. Select the certificate on the left, and you will be prompted for your CAC Personal Identification Number (PIN). If your User Primary Name (UPN), circled in red (pictured right), is a 10-digit number followed by "@mil," you have successfully selected your E-mail Signing Certificate. If you see something different, click *Switch User* to go back and select the E-mail Signing Certificate.

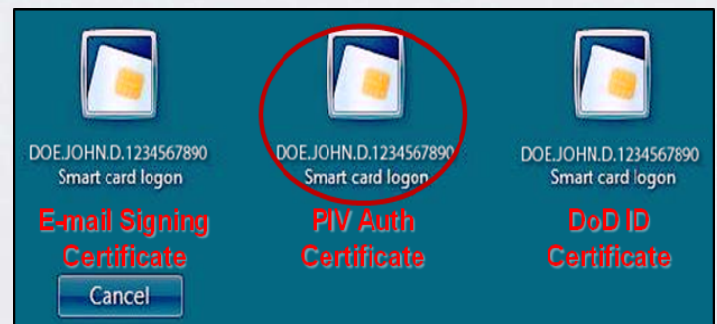


Alt Token Users: A replacement is on its way—on your CAC! For those currently using Alt Tokens, like System

Administrators, an additional certificate is available on your CAC called the Personal Identity Verification (PIV) Authority (Auth) Certificate. The PIV Auth Certificate will function like your Alt Token, enabling access to your individual alternate account—all with just your CAC.

Action Required. Alt Token Users Only: You can easily activate the PIV Auth Certificate on your CAC by using a tool called the User Maintenance Portal/Post Issuance Portal (UMP/PIP). For additional guidance visit: <https://www.dmdc.osd.mil/ump/support/usermanual.pdf>. *Note:* Action is only required if you have an Alt Token.

Once you've activated your PIV Auth Certificate, your logon screen will display three certificates: the E-mail Signing Certificate, PIV Auth Certificate, and DoD Identity Certificate. The PIV Auth Certificate is displayed in the center (pictured below).



To verify, select the center certificate icon displayed during logon. If the UPN is a 16-digit number followed by "@mil," you've found the PIV Auth Certificate to log on to your individual alternate account.

PHASE II: WHAT YOU'LL SEE IN THE FUTURE. Alt Tokens also are currently used to access group and role based accounts, where multiple individuals require access to the same account. This is frequently the case for Help Desk personnel or members of the Air Force medical community, for example. During SCL/NG Phase 2, the DoD Identity Certificate will be enabled to allow logon to group and role based accounts with each member's CAC. Stay tuned for additional details.

WHY SCL/NG? SCL/NG enables access to your unclassified Air Force accounts with a *single* CAC. Other benefits include:

- ◆ **COST and MANPOWER SAVINGS** associated with procuring, issuing, shipping, distributing, managing, and recovering thousands of Alt Tokens
- ◆ **CONVENIENCE** for Alt Token users, who will no longer have to manage multiple cards
- ◆ **SECURITY** to avoid scenarios of compromised or lost Alt Tokens

FOR MORE INFORMATION. Visit us online today!

AF PKI SPO Web Site: <https://afpki.lackland.af.mil>