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Today's sophisticated document imaging technologies, e.g., multifunction peripherals (MFPs), support network-based document capture, storage and distribution capabilities. As a primary on-ramp to an organization's network, these devices enable quick conversion of hardcopy documents into easily shared digital files.

As centralized document processing hubs, MFPs can pose a potential risk to sensitive information and applications, from anonymous walk-up usage to theft or redirection of data. Deploying safeguards to protect information assets – by ensuring that only authorized users gain access to the device – is mandated by the federal government.

[Homeland Security Presidential Directive-12](#) (HSPD-12) states that all government personnel, employees and contractors must use a common identification standard to access computer networks and peripherals. That standard is the [Common Access Card](#) (CAC) smart card. The CAC is used within a [Public Key Infrastructure](#) (PKI) developed for the U.S. Department of Defense (DoD). Specifically, networked MFPs within the DoD must support CAC-based network log-in capabilities.



As such, government-approved MFP CAC solutions require walk-up users to place their valid Common Access Card into the DoD-approved card reader (attached to the device) in order to be authenticated on the DoD's Certificate Authority server. Only upon successful authentication can the user process hardcopy documents, for example, scan to e-mail or network folder. With CAC access control the DoD establishes MFP security and accountability best practices that safeguard valuable network and information resources against opportunistic or targeted threats.

Download Whitepaper: [Securing MFPs or Copiers in a CAC Environment: Today and Tomorrow, Critical Considerations](#)

Links:

HSPD-12: <http://csrc.nist.gov/drivers/documents/Presidential-Directive-Hspd-12.html>

Common Access Card: http://en.wikipedia.org/wiki/Common_Access_Card

Public Key Infrastructure: www.dtic.mil/whs/directives/corres/pdf/852002p.pdf

