



## KONICA MINOLTA

### The Konica Minolta Common Access Card (CAC) Solution

The **Common Access Card (CAC)** is a United States Department of Defense (DoD) smart card issued as standard identification for active-duty military personnel, reserve personnel, civilian employees, non-DoD other government employees and State Employees of the National Guard and eligible contractor personnel.

The CAC is used as a general identification card as well as for authentication to enable access to DoD computers, networks, and certain DoD facilities. It also serves as an identification card under the Geneva Conventions. The CAC enables encrypting and cryptographically signing email, facilitating the use of PKI authentication tools, and establishes an authoritative process for the use of identity credentials.

Recently the DOD has requested that access to MFPs connected to the DoD network require a Common Access Card compatible user authentication system.

To meet the demands of this important client, Konica Minolta has co-developed a Common Access Card System that meets the most technically aggressive requirements for user access and authentication to bizhub MFDs. Konica Minolta's chosen partner for this important development project is ActivIdentity.

ActivIdentity Corporation (NASDAQ: ACTI) is a global leader in strong authentication and credential management, providing solutions to confidently establish a person's identity when interacting digitally. For more than two decades the company's experience has been leveraged by security-minded organizations in large scale deployments such as the U.S. Department of Defense, Nissan, and Saudi Aramco. The company's customers have issued over 100 million credentials, securing the holder's digital identity.

Konica Minolta has leveraged the knowledge, experience and expertise of ActivIdentity and their ActivClient software to provide Department of Defense (DoD) customers a comprehensive Common Access Card (CAC) solution. The Konica Minolta bizhub CAC solution is an entire application layer that has been developed to reside and run within the bizhub multifunction device (MFD). The Konica Minolta CAC solution meets the Federal Government's two factor authentication requirement, is designed to interface with the standard "off the shelf" Common Access Card readers, is compatible with a wide variety of Common Access Cards and is easily upgradeable because it was jointly developed with ActivIdentity.

#### **The Konica Minolta bizhub CAC Feature Set**

- The solution supports network user authentication via Active Directory.

- Digitally signed and certified email directly from the bizhub MFD using the CAC users' standard email credentials.
- Scan to email supports:
  - Encryption (AES 128 bit)
  - Digital Signature
- The system also supports access to network and local SMB (shared) folders with complete user rights.
- Secure and encrypted printing using CAC encryption methods.
- Confidential, encrypted printing where sensitive prints are held at the Konica Minolta bizhub MFD until the user logs in with their Common Access Card to retrieve them.
- Scan to Me (logged-in users' email address)
- Scan to Home (users' shared folder as defined in Active Directory)
- CAC authenticated Secure Printing
- CAC upgrade Currently submitted for ISO 15408 (Common Criteria) Security Certification at EAL3
- Middleware is **NOT** required
- Embedding ActivClient into the Konica Minolta bizhub MFD provides guaranteed support for all historical versions of CAC Smart Cards. ActivClient supports all of the current and future CAC profiles. The following card types are supported:
  1. Gemalto (32K, 64K)
  2. Oberthur (32K, 64K)
  3. CAC v1
  4. CAC v2
  5. GSCIS
  6. PIV Transitional
  7. PIV End-state