

KONICA MINOLTA



Introducing a bizhub Solution for:
Common Access Card (CAC) and Personal Identification Verification (PIV) Card Authentication

COUNT ON KONICA MINOLTA

WHO'S USING YOUR MFPS? WHICH DOCUMENTS ARE THEY SCANNING – AND WHERE ARE THEY SENDING YOUR MOST SENSITIVE INFORMATION? TO ANSWER THESE CRITICALLY IMPORTANT QUESTIONS, KONICA MINOLTA HAS TEAMED WITH ACTIVIDENTITY™ CORPORATION IN CREATING THE BIZHUB CAC (COMMON ACCESS CARD) & PIV (PERSONAL IDENTIFICATION VERIFICATION) CARD SOLUTION: A COMPREHENSIVE AUTHENTICATION SYSTEM FOR THE DEPARTMENT OF DEFENSE (DOD) AND OTHER GOVERNMENT FACILITIES UTILIZING EITHER CAC OR PIV CARD AUTHENTICATION.

Who? Which? Where? With bizhub, you'll know the answer.

A smart solution for digital ID.

CAC and PIV cards represent the latest advance in “smart card” identification. Used by the United States Department of Defense as a standard ID for military, government and civilian employees, CAC and PIV cards are used for general identification purposes – and can also be used to control access to computers, networks, and facilities.

Using the new AU-211P CAC & PIV card Solution, Konica Minolta bizhub MFPs can be an integral part of this secure digital ID solution. The AU-211P is compatible with ALL CAC and PIV cards in circulation today, can be quickly installed and easily upgraded to accommodate next-generation card types currently in development.

Increase security, speed workflow.

The Konica Minolta bizhub CAC & PIV Solution is a comprehensive application layer developed to reside within one or more bizhub MFP devices. It meets the federal government's requirement for “two factor” authentication and facilitates the use of public key information (PKI) authentication tools.

ActivIdentity has developed powerful software to realize the full benefit of CAC and PIV card security. The sophisticated ActivClient™ software used in this system facilitates document encryption, cryptographic signatures for Email, and authoritative use of identity credentials.

ActivIdentity and Konica Minolta.

This partnership solution fulfills the technically aggressive security requirements of the government – and ensures compliance with the latest security standards and mandates, including FIPS 140, FIPS 201, and ISO 15408 (Common Criteria) Security Certification at EAL3 level.



The bizhub CAC & PIV Solution: powerful features for security, speed and simplicity.



Control distribution, simplify access.

For individuals using bizhub MFPs to scan and distribute documents, the Konica Minolta and ActiveIdentity solution provides a quick and sure method for authorizing access to each networked MFP – and also controlling distribution.

The Konica Minolta Scan-to-Me, Scan-to-Home setting can be used to establish a document distribution method that can be easily tracked and monitored. In a Windows Active Directory environment, documents scanned at compatible bizhub MFPs are sent to a users authorized Email address (Scan-to-Me) or to an authorized network share folder as defined in Active Directory (Scan-to-Home). The system can create digitally signed and certified Email directly at each bizhub MFP – no need to use PCs to add digital signatures.

The Konica Minolta bizhub CAC & PIV Solution combines many powerful security features in a simple MFP-based system. It requires no complex installation, no middleware, and no complex configuration tasks.

Comprehensive security and convenience features include:

Active Directory Support: user authentication is via the Windows Active Directory system, widely used in government and corporate applications.

Email Certification: the system can create digitally signed and certified Email directly at each bizhub MFP – no need to use PCs to add digital signatures.

Email Encryption: using MFP Scan-to-Email distribution, documents are protected with AES 256-bit encryption.

Network and Local Access: the system also supports access to network and local SMB (shared) folders with complete end-user rights.

PKI Encrypted Printing: each compatible bizhub MFP can be set to produce secure, encrypted printing using CAC or PIV encryption methods.

Log-in Verification: documents can be saved on bizhub MFPs until a user logs in with CAC or PIV card to retrieve them.

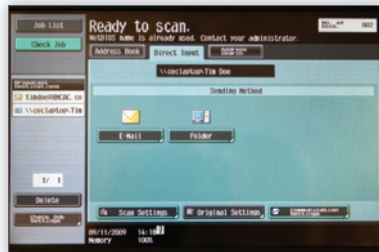
Scan-to-Me, Scan-to-Home: document distribution can be restricted to logged-in users' Email addresses (Scan-to-Me) or users' shared folder as defined in Active Directory (Scan-to-Home).

ISO 15408 Certification: the Konica Minolta CAC/PIV Solution has been received for ISO 15408 Security Certification at EAL3.

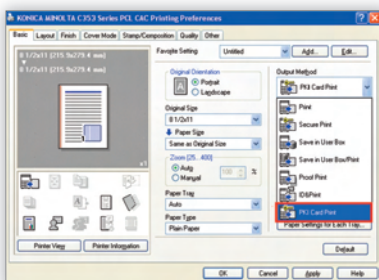
Guaranteed CAC/PIV Card Support: with ActiveClient software embedded in the Konica Minolta bizhub MFP solution, support is guaranteed for all historical versions of CAC/PIV smart cards – including future profiles under development.

Supported card types include:

- Gemalto (32K, 64K)
- Oberthur (32K, 64K)
- CAC v1
- CAC v2
- GSCIS
- PIV Transitional
- PIV End-state



Scan-to-Me, Scan-to-Home

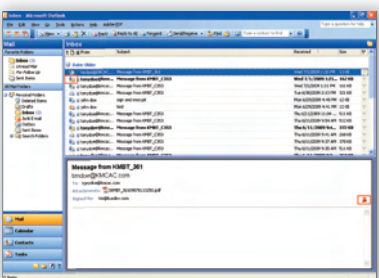


Secure PKI Print

Documents can be quickly and easily shared at the same time that access is controlled. Network administrators can set restrictions so that documents are scanned only to addressees authorized in the Active Directory. Once documents are scanned to authorized addresses, they can be tracked more easily – and unauthorized forwarding can be discovered and prevented.

The public key information (PKI) print feature allows users to securely send print jobs from their PC directly to the Konica Minolta MFP including their PKI credentials. The print job will remain on the MFP HDD until the specified user is directly at the MFP to retrieve their document. Once authenticated using their CAC or PIV card their print job will be output. No more worrying about secure documents sitting on the MFP output tray for anyone to see or fall into the wrong hands.

The bizhub CAC & PIV Solution is smart, simple – and a powerful security tool for the digital future.



Email Digital Signature and Encryption

At time of launch, this Konica Minolta and ActiveIdentity CAC/PIV Solution is supported by bizhub color models C203, C253, C353 as well as B&W models 361, 421, 501, 601 and 751. Support for bizhub C452, C552 and C652 are scheduled for the second quarter of 2010.

Konica Minolta and ActivIdentity: a team you can count on for greater security.

Konica Minolta Business Solutions U.S.A., Inc., is a leader in advanced digital imaging networking technologies. With the industry's most complete line of document and software solutions from desktop to print shop, Konica Minolta was recognized by Brand Keys for the second consecutive year as the #1 Brand for Customer Loyalty in the MFP Office Copier Market. For more information, please visit:

www.CountOnKonicaMinolta.com

ActivIdentity Corporation is a global leader in strong authentication and credential management. For more than two decades, ActivIdentity has served the needs of Department of Defense and corporate applications with large-scale deployments to identify persons engaged in digital communication – issuing over 100 million credentials to secure the identify of individual card-holders. For more information, please visit:

www.actividentity.com

AU-211P Technical Data:

Interfaces			SCR3310	3310v2
Host	USB	Full speed USB 2.0 (12 Mbps) USB Bus powered device CCID compliant		
Smart Card	Contact	T=0, T=1 protocol support Memory card support through SCM MCARD API Communication speed up to 344 kbps (PPS, FI parameter) Frequency up to 8 MHz (PPS, DI parameter) Support ISO 7816 Class A and AB smart card Support ISO 7816 Class A, B and C smart card 8 contacts - ISO 7816 location Friction contact, 100,000 insertions	X	X
Human	Optical	One green LED		
Software	API	PC/SC CT-API (thru wrapper on top of PC/SC)		
Operating Systems		Windows® 7 Windows® Vista, XP, Server 2003, 2000, ME, 98 Windows® Vista, XP, Server 2003 (AMD64/EMT64) Windows® CE 3.0, 4.1, 4.2, 5.0, 6.0 MacOS, Solaris, Linux 32-bit (2.4.x, 2.6.x)/64-bit		
Cable		Cable: 1.5m long with USB type A connector		
Dimensions	L x W x H (mm)	70 x 70 x 10		
Weight	(g)	70		
Operating Conditions	Temperature (°C) Humidity (%)	0 to 50 90 (non-condensing)		
Approvals	Functional	FCC Class B part 15, cULus, CE, VCCI ANZI (SCR3310) ICES-003 Issue 4 ICES-003 Issue 4, Class B USB-IF Microsoft® WHQL 2000, XP, Server s2003 EMV 2000 Level 1	X	X
	Environmental	RoHS, WEEE REACH compliance (SCR3310v2.0)		

Technical data are subject to change without notice.

- Complex project management expertise e.g. U.S Department of Defense CAC program, electronic ID applications (ePassport, health card projects, national ID, driver license)
- Secure smart chip reader design – certified and compliant to EMV, Common Criteria, PC/SC, USB
- High-quality products designed to meet the various requirements in the data security area



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