Card Authentication Package Enterprise Server and FlexRelease Server

Output and Security Solution

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Secure more control of your devices and reduce output costs

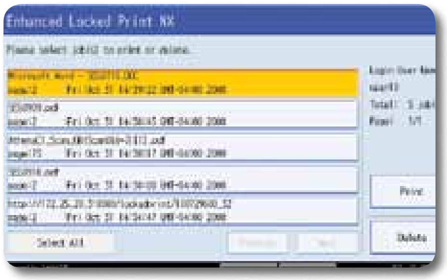
High-level security has become high priority. With the RICOH® Card Authentication Package (CAP) Enterprise Server and FlexRelease Server, organizations can help protect the integrity of business documents and comply with corporate policies without compromising employee productivity. It allows organizations to enhance the security of Ricoh MFPs and printers and control users' access to specific functions and documents via PIN code or existing proximity card systems. Users simply enter their PIN code or swipe their card at the device to perform authorized everyday tasks.

Secure, Flexible, Convenient Printing

Ricoh CAP Enterprise Server* gives administrators and other decision makers the confidence to add full-color printing, high-volume output and versatile document distribution to the office without incurring unexpected costs or compromising security. Users must walk to the output device for authentication via proximity cards prior to printing. Access is granted only to authorized users and only for features specified by system administrators. In addition, centralized electronic document distribution management ensures files are only sent to approved destinations.

Secure Greater Productivity

Combine CAP Enterprise Server with FlexRelease Server** to take secure printing with Enhanced Locked Print NX to the next level. To maximize user productivity, FlexRelease Server stores all print jobs securely on a network server until the authorized user is ready to collect them. Users then print their documents from any ELP-NX enabled Ricoh MFP or printer in the fleet. Releasing print jobs is easy – users simply swipe the proximity card, select the job and print. This allows users to secure and print jobs from anywhere in the organization, including remote offices. Unreleased print jobs are simply deleted, saving paper and eliminating the risk of confidential documents left unattended in an exit tray.



Enhanced Locked Print NX

Please select job(s) to print or delete.

Total: 5 job

Page: 1/1

Secure Document Integrity

You don't want everyone to see everything. That's why document security is essential for enhancing confidentiality and regulatory compliance. CAP Enterprise Server provides a single point of administrative control to help prevent unauthorized access to confidential information. It even works with the proximity cards that many organizations already use for employee identification and building access.

*Card Authentication Package must also be installed on each MFP/printer.
**Enhanced Locked Print NX must also be installed on each MFP/printer.

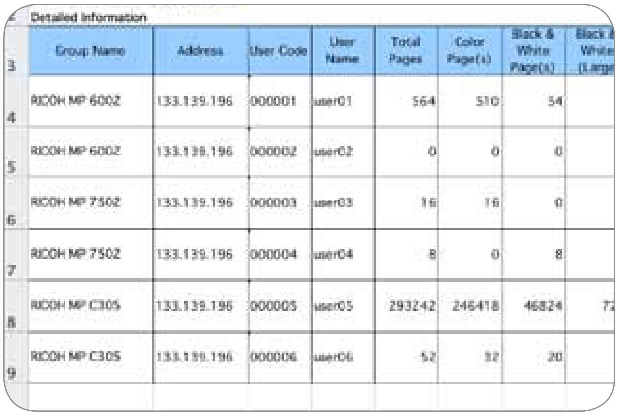
Identify more ways to improve efficiency

Secure More Administrative Control

Ricoh makes it difficult to abuse printing privileges by making it easier to control them. CAP works seamlessly with existing LDAP or Active Directory databases or as standalone authentication. Administrators don't have to set user permissions for specific features at each MFP. With browser-based tools, administrators can set user credentials and device permissions remotely for convenient centralized management.

Secure Smarter Reporting Tools

With the optional SmartDeviceMonitor Accounting Report Package, administrators can monitor all print, copy, scan and fax activity for Ricoh networked devices and identify chargeback costs. This allows organizations to analyze document-related costs precisely and manage them proactively to reduce total cost of ownership. You'll know exactly who is printing — as well as what they're printing.

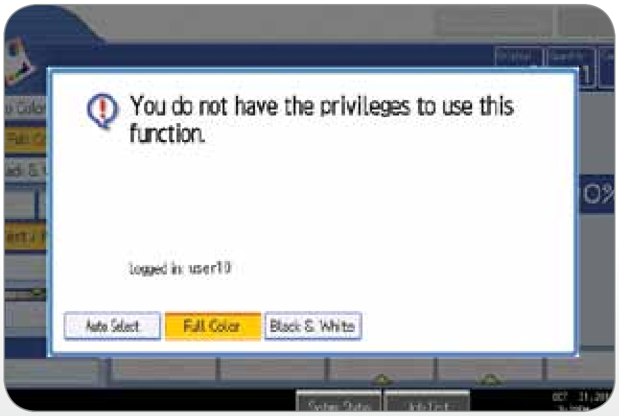


Detailed Information

	Group Name	Address	User Code	User Name	Total Pages	Color Page(s)	Black & White Page(s)	Black & White (Larg
3								
4	RICOH MP 6002	133.139.196	000001	user01	564	510	54	
5	RICOH MP 6002	133.139.196	000002	user02	0	0	0	
6	RICOH MP 7502	133.139.196	000003	user03	16	16	0	
7	RICOH MP 7502	133.139.196	000004	user04	8	0	8	
8	RICOH MP C305	133.139.196	000005	user05	293242	246418	46824	7
9	RICOH MP C305	133.139.196	000006	user06	52	32	20	

Secure More Accountability

Be responsible for your own success. CAP allows organizations to track activity by individual users. Since authentication is required to access MFP and printer features, administrators can track activity easily, from specific functions to specific documents, for exceptional reporting. By taking advantage of tracking for printing, copying, scanning and outbound faxing to create a detailed analysis of all MFP-driven activities, administrators can create customized administrative and end-user reports that clearly identify where chargebacks should be directed.



You do not have the privileges to use this function.

Logged in: user10

Reduce Your Organization's Environmental Footprint

Abandoned and unnecessary output is not only a threat to your organization from a security standpoint, it's also a missed opportunity to reduce your environmental footprint. With Ricoh ELP-NX in place, users have the ability to review and determine whether or not a print job is necessary before it is released, thus reducing paper consumption.

Ricoh Card Authentication Package Enterprise Server and FlexRelease Server

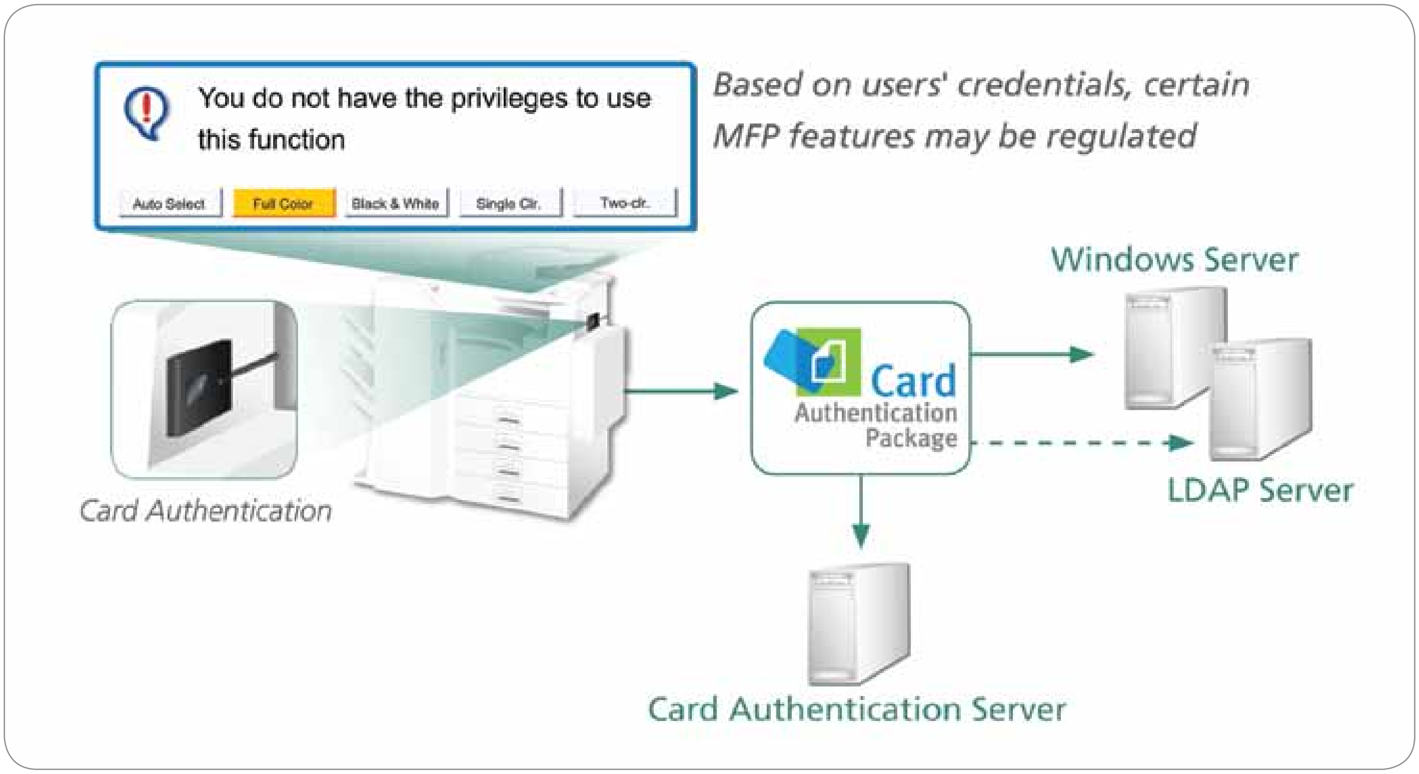
SPECIFICATIONS

Card Authentication Package

Supported ID Card Type	Proximity Card HID, Casi-Rusco, Mifare, HID iClass, Indala FlexCard and NxtWtch (others available with customization)
Supported Network Authentication Type	NTLM, Kerberos and LDAP
Supported Authentication Directory Type	Basic authentication in MFP address book, Active Directory and LDAP (Open LDAP)
Supported Functions for Authorization Control	Copy (Any, B/W, Full-Color, Two-Color, Single-Color, Limit to Auto Color, Full-Color/Auto Color), Print (Any, B/W, Color), Scanner (Any), Fax (Any), Document Server (Any)

CAP Enterprise Server & FlexRelease Server

Supported Network Authentication Type	NTLM, Kerberos and LDAP
Supported Authentication Directory Type	Active Directory and LDAP (Open LDAP)
Server Specification Requirements	
CPU	Intel Core 2 Duo 2.66ghz or above (recommended)
Main Memory	2 GB or above
Supported OS	Windows Server 2003 Standard/Enterprise, Windows Server 2003 R2 Standard/ Enterprise, Windows 2008 Standard/ Enterprise 32-bit, Windows 2008 R2 Standard/Enterprise 64-bit
Supported Browsers	Internet Explorer, Firefox
Supported Functions for Authorization Control	Copy (Any, B/W, Full-Color, Two-Color, Single-Color, Limit to Auto Color, Full-Color/Auto Color), Print (Any, B/W, Color), Scanner (Any), Fax (Any), Document Server (Any)



You do not have the privileges to use this function

Auto Select
Full Color
Black & White
Single Clr.
Two-clr.
Based on users' credentials, certain MFP features may be regulated
Windows Server
Card Authentication Package
LDAP Server
Card Authentication
Card Authentication Server

The Ricoh Card Authentication Package Enterprise Server and FlexRelease Server lets users access the system quickly and easily, while regulating which features and functions users can choose from based on their credentials. Administrators can customize credentials by user or by group for maximum flexibility.

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Card Authentication Package & Enhanced Locked Print NX

Output and Security Solution

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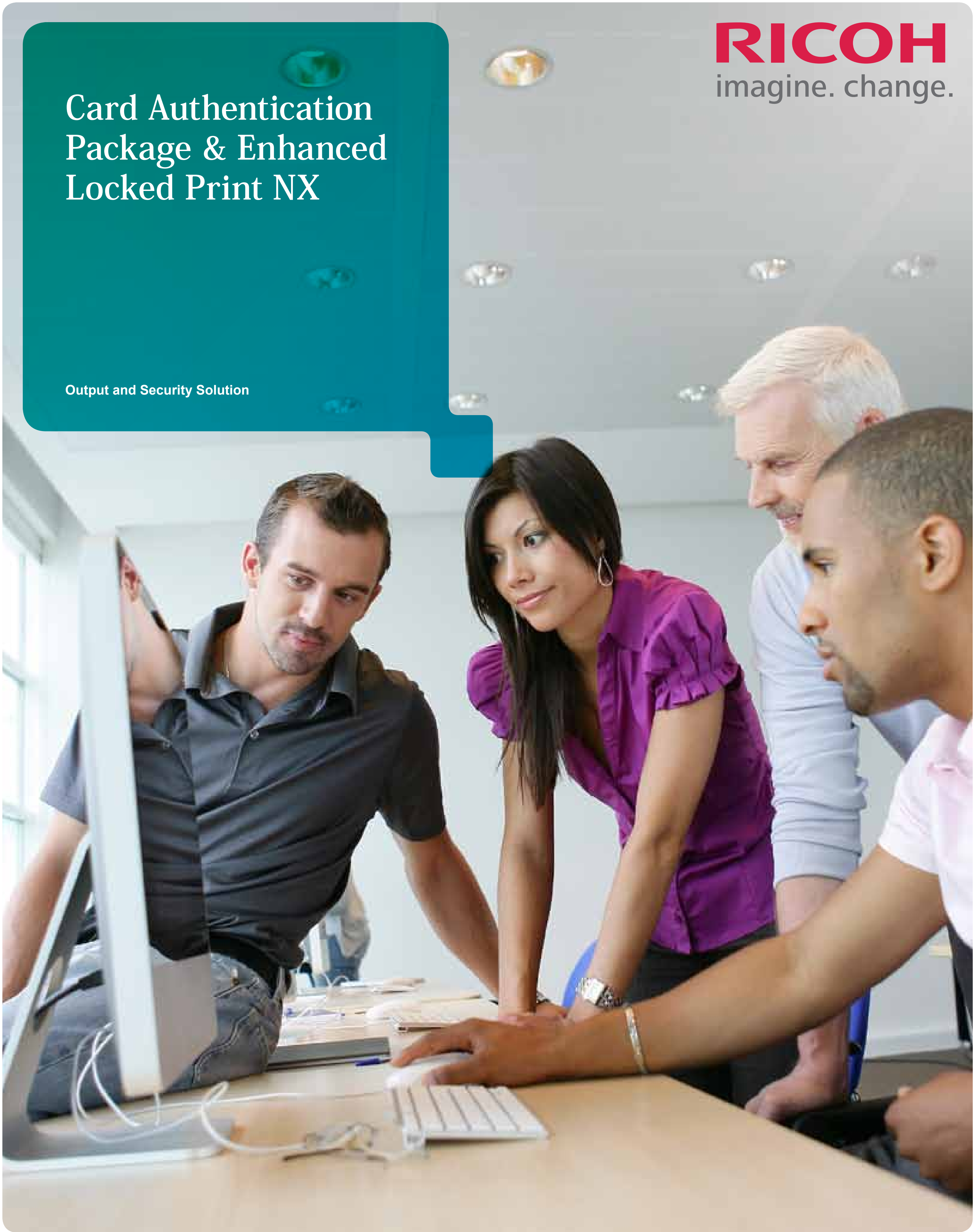


Ricoh Card Authentication Package & Enhanced Locked Print NX

Protect and share documents throughout your organization

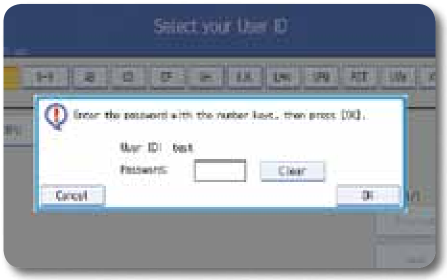
Choose the RICOH® Card Authentication Package (CAP) and Enhanced Locked Print NX (ELP-NX) to capture the benefits of shared, centralized MFPs and printers—including more functionality and less printing, maintenance and ownership costs—while still making provisions for document security. These solutions are installed directly on the devices without extra hardware or software to enhance fast, simple and secure protection of confidential and proprietary information across the organization.

Control Output with Card Authentication Package

CAP swaps the conventional MFP copying, scanning or faxing login process for the quick swipe of a Proximity Card to authenticate users at Ricoh devices. It restricts access for specific functions to authorized users and improves document security, while reducing operating costs. CAP ensures authorized users can store, release and manage confidential documents efficiently in shared-use environments. It even supports existing LDAP, Active Directory and Kerberos authentication functionality.

Multi-Layered Security with Enhanced Locked Print NX

ELP-NX* improves document security and flexibility on Ricoh MFPs and printers. Users send print jobs to the device, where they remain stored on the Hard Disk Drive and out of view from others until the user authenticates by PIN code or Proximity Card and releases the job. Unless a user releases a print job, it will be deleted automatically. With the unique FlexRelease feature, print jobs are sent to the hard disk of one designated MFP and users can approach any of up to five MFPs in the group to collect their print job.


Select your User ID

Enter the password with the number keys, then press [OK].

User ID: test

Password:

Versatile FlexRelease Server Option

Expand FlexRelease functionality with the FlexRelease Server option. Print jobs are shared centrally, but users can access stored documents and print from any ELP NX-enabled device in the group. With FlexRelease Server, administrators can scale advanced document security capabilities from a single device to thousands of MFPs and printers across the enterprise to simplify workflow and streamline management.

Related Products for the Enterprise

In larger organizations, CAP and ELP-NX can be combined with Ricoh's CAP: Enterprise Server and FlexRelease Server to deliver unparalleled flexibility and improved security. User and device output reporting can also be performed by combining CAP and ELP-NX with Ricoh's SmartDeviceMonitor Account Reporting Package.

Reduce Your Organization's Environmental Footprint

Abandoned and unnecessary output is not only a threat to your organization from a security standpoint, it's also a missed opportunity to reduce your environmental footprint. With Ricoh ELP-NX in place, users have the ability to review and determine whether or not a print job is necessary before it is released, thus reducing paper consumption.

*For organizations with specific document output security needs, CAP and ELP-NX can be installed independently.

Some printer models require optional CAP Enterprise Server and FlexRelease Server.

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