

Card Authentication Package and Enterprise Server



Simplify user authentication at the MFP

Security is a top priority, and controlling who can access multifunction devices and what they can do is an essential measure of protection — but tedious or complex device login processes can be off-putting to users and bring down productivity. Card authentication brings user validation, device security and print/copy/scan/fax permissions together with the tap of a card.

The RICOH® Card Authentication Package (CAP) enhances the security of Ricoh MFPs and printers and controls users' access to specific functions. Administrators can customize permissions by user or by group for maximum flexibility. The optional CAP Enterprise Server is ideal for customers looking to implement the solution for a large number of users — making it easy to scale as your workforce changes.

Why Card Authentication Package?

- Simplifies card validation and authentication
- Prevents unauthorized access to confidential information
- Reduces output costs and waste with assigned permissions
- Supports a wide range of proximity cards

Card Authentication Package

Simplify authentication

RICOH Card Authentication Package (CAP) makes it easy and fast for users to authenticate and access networked MFPs. Because users can authenticate with a single card, there's no need to remember an additional login and password. A wide range of proximity cards are supported — including HID®, HID® iClass, CASI-Rusco, Mifare® and NxtWtch. Once authenticated, valid card holders can perform print, copy, scan, fax, and/or document server functions according to their assigned permissions.

Enforce print policies

CAP's web-based administration makes it easy to set privileges by individual users or by creating user groups. Print policies are tied to user cards and enforced upon authentication. Give full-color printing, high-volume output and versatile document distribution permissions to those that need it. Reduce unnecessary paper or toner use for those that don't need it. Access is granted only to authorized users and only for features specified by administrators.

Increase accountability

CAP gives administrators the tools to track activity by individual users. With CAP and the Device Manager NX (DMNX) Accounting Package, you can track specific functions and specific documents down to the user level. Track printing, copying, scanning and outbound faxing to create a detailed analysis of all MFP activities and usage. You can also create administrative and end-user reports that clearly identify where chargebacks should be directed.

Protect printed information



RICOH Card Authentication Package combines seamlessly with RICOH Enhanced Locked Print NX. Instead of print jobs being left in the output tray for anyone to grab, users can instead send jobs to a print queue and authenticate at the device when ready. They can then approach any enabled MFP in the group to collect their print job.

Scale with CAP Enterprise Server

With the optional CAP Enterprise Server, you can easily scale the Card Authentication Package solution capability to all users in your organization. CAP Enterprise Server supports network authentication to validate registered users' card credentials and provides centralized administration.

Specifications

Card Authentication Package (Serverless)

Authentication Directory

Basic MFP Authentication, Microsoft® Active Directory or LDAP

Supported Card Types

Proximity Card HID®, Casi-Rusco, Mifare®, HID® iClass, Indala® FlexCard®, NxtWtch and many others

Number of Users

Up to 2,000 users based on MFP Model

Model Support

Most Standard and Smart Operation Panels

Card Authentication Package Enterprise Server (CAP ES)

Server Operating System

Windows® Server 2012 Essentials
Windows® Server 2012 Standard/Datacenter
Windows® Server 2016 Essentials
Windows® Server 2016 Standard/Datacenter

Database

Microsoft® SQL Standard/Express 2012
Microsoft® SQL Standard/Express 2014
Microsoft® SQL Standard/Express 2016
External Microsoft® SQL Database Supported

Authentication Directory

Basic MFP Authentication, Microsoft® Active Directory or LDAP

Network Authentication

NTLM, Kerberos, LDAP

Virtual Environment

Microsoft® Hyper V, VMWare® ESXi and vMotion™

Number of Users

Up to 50,000 users

*Card Authentication Package must be installed on all devices connecting to CAP ES

For more information, contact your Ricoh sales professional.

Solution Enhancements

RICOH Card Authentication Package (along with the CAP Enterprise Server) can be paired with RICOH Enhanced Locked Print NX and FlexRelease Server. With ELP-NX, users can send print jobs to a device group, approach any enabled MFP in the group and collect their print job when ready.

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