

RICOH HotSpot Enterprise v4

Mobile Printing Solution

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Fast, secure and convenient remote printing from the cloud

With your personal mobile device in hand, you can capture critical information immediately from anywhere. Now, when paired with RICOH HotSpot Enterprise v4, you can use it to print with the same freedom—and ease. Experience true cloud printing on any network using any device. Expedite mobile and desktop print workflows from the cloud and transition from an on-premise print infrastructure capital expense to a scalable cloud solution with predictable operating costs.

Print from your mobile iOS or Android® smartphone or tablet on remote networks and ensure secure release with global pull printing. You can also print documents from Windows® and other desktop applications easily while avoiding cumbersome printer configurations. By transitioning to the cloud, you can meet the burgeoning print demands of the bring-your-own-device (BYOD) workplace with uncompromising speed and convenience to maximize productivity for employees, mobile workers and guests. Plus, you can significantly reduce IT infrastructure and labor costs.

Why RICOH HotSpot Enterprise v4?

- Deploy in the cloud or on-premise without compromising capabilities
- Enable broad mobile device native print support
- Simplify and secure authentication with single sign-on (SSO) and identity management (iDM)
- Scalable, adaptable deployment for small networks to large, global networks
- Support for many leading mobile device management (MDM) platforms, including AirWatch™, Good Technology™, MobileIron™, Citrix® and more
- Secure Release Anywhere™ pull printing via multiple release options, including card authentication
- Migrate your entire print infrastructure to the cloud



Print on-demand, on the go

RICOH HotSpot Enterprise v4 advantages



Reduce steps with a single platform

Download a single Mobile Print app to easily locate corporate or public devices for fast, convenient remote printing.



Simplify operation

Users can install the app and configure cloud services via QR code without IT assistance. MDM providers can deploy a fully configured app in a profile customized for every user or department.



Print anywhere

Print to any connected device on any network from the convenience of your mobile iOS, Android® or other personal mobile device.



Support multiple print submission options

Print from email, web, PrinterOn Mobile Printing app, native iOS or PrinterOn PrintWhere™ driver to the nearest network printer or MFP.



Secured access

Use single sign-on (SSO) and Identity Management (iDM) in the cloud to help bolster security for print submissions, authentication, rendering, encryption, delivery and release without sharing user credentials via any OpenID® Connect-compatible solution, including Microsoft Azure® AD.



Direct printing

Print directly from iOS or Android® devices without any local network connection for fast, immediate printing and eliminate the need for multiple mobile print solutions.



Reduce costs

Reduce or eliminate on-premise IT print infrastructure and labor costs via a cloud-based solution installed and supported by Ricoh.



Track usage and users

Track usage for individual users—including guests—with robust reporting tools. Assign chargebacks when paired with optional leading print management systems.



Manage everyday print tasks

Support more than 50 file formats, preview documents and adjust size, orientation and other attributes for a more “native” print experience.



Provide Secure Release Anywhere™ to guests

By downloading the PrinterOn Mobile Print app to their personal devices, guests can print to networked devices without accessing the network.



Integrate across the enterprise

Access information from your enterprise resource planning (ERP) application, including Oracle® or SAP®, and print it directly from your personal device.

Features at-a-glance

RICOH HotSpot Enterprise v4 includes the following capabilities:

Fast, easy, deployment options	<ul style="list-style-type: none">• Use a third-party cloud such as Ricoh cloudSHIFT®, Amazon Web Services™ (AWS) or Microsoft Azure® (Enterprise Edition only) to manage print processing and job delivery• Hybrid deployment with printer management in the PrinterOn cloud• Manage printing on premise behind a firewall on a trusted network
Comprehensive authentication options	<ul style="list-style-type: none">• SSO and iDM paired with OpenID® Connect, including Microsoft Azure® for forms-based authentication• Extend Active Directory globally without exposing AD server or changing customer AD infrastructure• LDAP/AD configuration manager authentication for high-security deployments in financial services, government and medical environments
Security and Encryption	<ul style="list-style-type: none">• Use single-use encryption keys for enhanced security for every user—and every print job• Exceptional data encryption, including 1024-bit RSA key encryption, 128-bit AES data encryption and 2048-bit TLS
Administration	<ul style="list-style-type: none">• Update and push drivers and configurations to all Windows® users immediately via the cloud using the PrintWhere Driver• Switch active drivers automatically with the PrintWhere Driver; restrict access to approved drivers remotely• Set defaults, authentication controls, lock settings and configure user interfaces in the cloud• Support clustering to build redundancies and initiate failover strategies
Mobile Print App	<ul style="list-style-type: none">• Download app to any iOS or Android® device in moments• Configure app and access print devices via convenient QR code• Search for designated output devices, including nearby HotSpot devices, and find printers assigned to specific users• Enable GPS to locate the nearest Hotspot-enabled device automatically. Save frequently used printers as defaults
Reporting	<ul style="list-style-type: none">• Built-in robust reporting tools for tracking activity for every user, including guests• Pair with optional leading print management applications, including RICOH Streamline NX®, Nuance® Equitrac®, PaperCut™ MF and other software for advanced reporting and to issue chargebacks
Direct Print with PrintWhere	<ul style="list-style-type: none">• Centrally managed and configurable• Supports direct TCP (Port 9100) from Windows devices• IPP-compatible direct printing for native iOS-compatible devices
Support	<ul style="list-style-type: none">• Native iOS and OSX printing, Google Cloud Print™ and email printing including email body and attachments• Integrated LPD/LPR support• Advanced MDM/MAM support, including AirWatch™, Good®, MobileIron™ and Citrix®
User-friendly operation	<ul style="list-style-type: none">• Provision users, from one individual to many groups• Assign roles for users and administrators• Third party ID management is hosted in the cloud, so user credentials can be validated without connecting to a networked LDAP/AD

Implementation

Choose a mobile print solution that can be customized to meet your specific mobile and remote printing challenges and demands. Pair HotSpot Enterprise v4 with a third-party cloud solution for optimal compatibility without compromising your existing print and IT infrastructure.



Offering: Secured cloud-based or on-premise mobile and desktop printing in a dedicated, single-tenant enterprise environment—installed and supported by Ricoh



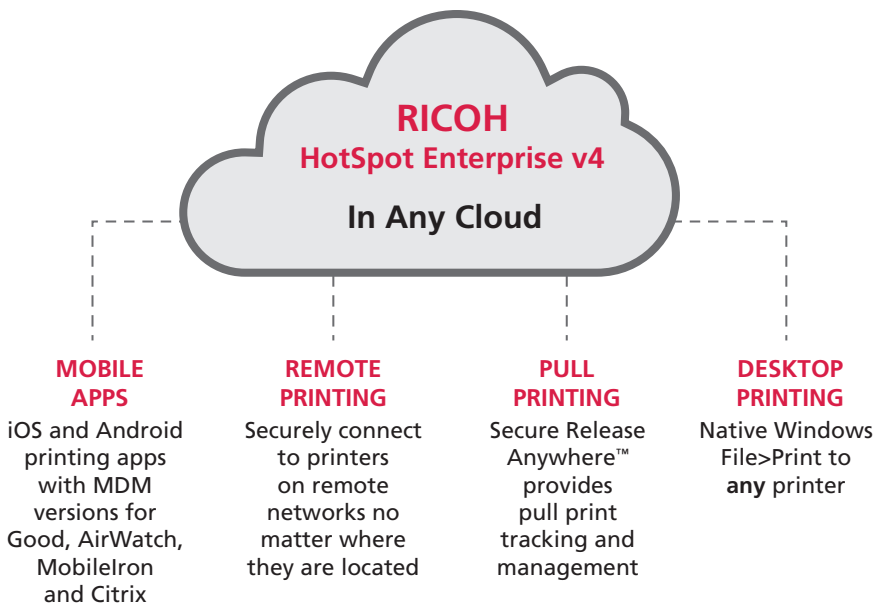
Deployment: Deploy in third-party cloud solutions, including Ricoh cloudSHIFT®, Microsoft Azure®, Amazon Web Services (AWS), IBM SoftLayer® and others



Pricing: Perpetual software license + annual maintenance and support (starts year two)



Application: Secured enterprise mobile printing for customers who want to minimize or eliminate print service infrastructure costs without sacrificing print management capabilities



Experience true cloud printing with RICOH HotSpot Enterprise v4.

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Specifications

Hardware Requirements	<p>Dedicated physical server or virtual machine</p> <p>Intel-compatible processor with 2GHz multi-core processor</p> <p>2GB RAM minimum (4GB recommended)</p> <p>2GB of free disk space for HotSpot (PrinterOn) software and third-party applications</p> <p>Windows Server 2016 64-bit with current patches installed</p> <p>Windows Server 2012 64-bit with current patches installed</p> <p>Windows Server 2008R2 (32-bit or 64-bit) with current patches installed</p>
Software Requirements	<p>Microsoft Office 2007 or later (recommended) including Word, Excel, PowerPoint and Visio</p> <p>OpenOffice or LibreOffice (optional)</p> <p>Apache Tomcat (included with installation)</p> <p>Java (included with installation)</p>
Supported Devices	<p>HotSpot supports most Ricoh PCL or PostScript printers/MFPs. For printers that are not PCL or PS compatible, a PDF conversion module is utilized to render data most printers support.</p>
Supported File Formats	<p>Microsoft Excel, Word, PowerPoint, Visio (97-2013)</p> <p>Open Office</p> <p>Adobe PDF</p> <p>Image files (JPEG, BMP, GIF, TIFF, PNG, PICT)</p> <p>Web pages (HTML, HTM)</p> <p>Text files (TXT, RTF)</p>
Email	<p>Microsoft Exchange 2007, 2010, 2013</p> <p>IMAP4</p> <p>MAPI</p> <p>Lotus Domino</p>
Browsers	<p>Internet Explorer 9 or later</p> <p>Mozilla Firefox</p> <p>Google Chrome</p> <p>Apple Safari</p>
Print Management	<p>RICOH Streamline NX®</p> <p>Nuance® Equitrac®</p> <p>PaperCut® MF</p> <p>Pharos™</p> <p>HotSpot Enterprise v4 integrates with most popular print management systems.</p>