Mobile Printing Solutions for Universities

Business Information Solutions

Do your students, faculty and staff demand to print from their personal mobile devices?

How do you maintain security and integrate mobile device printing into your cost recovery system?

Partner with Ricoh for fast, easy mobile printing that is seamless with your existing network.

Fully integrated mobile printing arrives on campus

Personal mobile devices have become an everyday convenience. Nowhere is that more apparent than on campus. Smartphones, tablets, notebooks and laptops grant students and faculty unprecedented freedom to stay connected while on the move. Unfortunately, educational IT departments struggle to harness the power of mobile connectivity and integrate it into existing networks without compromising security and efficiency.

Students and faculty want to print to campus network printers using their personal mobile devices. But, it opens up several questions about how to integrate mobile printing seamlessly — and economically. Do faculty and students have the same access rights? How is security maintained? How can more users be added without adding more IT resources? How can mobile printing be integrated into existing cost recovery system?

Ricoh's Mobile Printing Solutions for Universities addresses these issues with Ricoh HotSpot Enterprise co-deployed with a comprehensive print management solution. It integrates easily with existing infrastructure and can handle thousands of users and multiple vendor print devices — making it ideal for an expansive campus-wide deployment. Users can easily submit documents, emails and web content from their mobile devices to designated printers on campus for incredible convenience. IT departments can configure it to accommodate a growing base of mobile users with exceptional versatility, easy-to-maintain control and encrypted data protection.

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Convenient printing for users

Users can print and retrieve jobs from any assigned printer on campus using HotSpot Enterprise with Equitrac® — without connecting to the network or downloading drivers. The innovative service offers users four methods to submit print jobs to the network. Users can even select special settings — including page ranges, color output, duplex printing and more — as they would when printing from the desktop. Color output isn't a setting. Devices are defined to support black/white or color and the user selects the device. Page range, duplex and number of copies are settings that can be made after selecting the output device.

Email. The user simply sends an email with a document attachment to a printer's email address from any mobile device to the remote print device email address.

Web Submission. Visit the easy-to-use web-printing portal, choose a printer, upload a document and submit for printing.

Mobile Application. Ricoh offers a propriety mobile application for iOS, Android™ and BlackBerry® users that provides mobile printing within moments. The user submits the job and retrieves it from any connected printer after authentication at the device.

Windows Driver. Print from any Windows-based computer to a remote output device in the enterprise. The special PrintWhere driver even compresses and encrypts data prior to delivery.

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MOBILE AND DEVICE-AGNOSTIC ANYTIME, ANYWHERE PRINTING FOR STUDENTS, FACULTY AND STAFF

Authenticate Sending/ Receiving
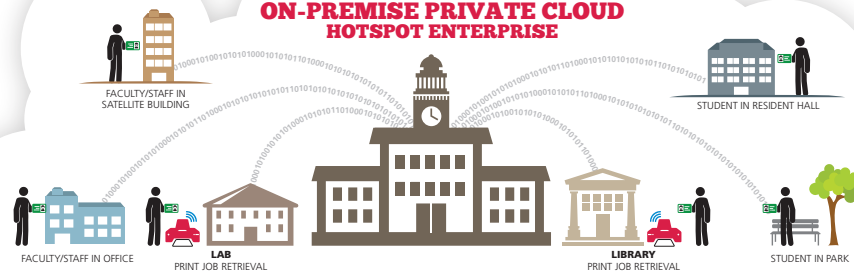
- Four easy ways to print:
  - Send an email
  - Use the Ricoh HotSpot Printing App
  - Visit the HotSpot Enterprise Web Portal
  - Print from any Windows-based computer using the PrintWhere driver

1 - Sending: User must Log-in (Authenticate) using their credentials
2 - Receiving: Retrieval is based on customer's Print Cost Recovery System configuration

- File is received, processed and authenticated by Ricoh HotSpot Enterprise, an on-premise mobile printing solution
- A Print Delivery Station routes the file to a designated output device
- The print job is released through Equitrac® print cost recovery system from any mobile-enabled designated printer

ON-PREMISE PRIVATE CLOUD HOTSPOT ENTERPRISE

FACULTY/STAFF IN SATELLITE BUILDING

STUDENT IN RESIDENT HALL

FACULTY/STAFF IN OFFICE

LAB PRINT JOB RETRIEVAL

LIBRARY PRINT JOB RETRIEVAL

STUDENT IN PARK

The Ricoh Mobile Printing Solutions for Universities business solution offers fast, convenient and secure mobile printing on campuses — without compromising existing IT infrastructure or resources.

Power and versatility for administrators

Ricoh HotSpot Enterprise supports co-deployment with the Equitrac® print recovery system. This business solution gives management in colleges and universities a fast, convenient and secure mobile printing option for students, faculty and staff.

Cost recovery. HotSpot Enterprise ensures more effective chargebacks by integrating with Equitrac or Pharos System cost recovery software into the network. School IT departments can enhance accountability for mobile users by capturing, tracking and allocating print costs to specific printers automatically.

Security. The solution is installed on campus network servers, so your IT Staff can manage all campus print traffic following one set of protocols for optimal efficiency. Document processing and encryption is performed on the network to help protect data during the entire document lifecycle.

Students and faculty authenticate using LDAP/Active Directory to ensure only authorized users have access to print resources. Print data is secured using 128-bit AES encryption and print and email data transmitted over the Internet follow SSL/TLS encryption protocols. In addition, Ricoh printers and MFPs support Secure Release to ensure documents remain in the right hands.

Scalability. Ricoh's innovative mobile printing solution offers many unique capabilities typically available only with cloud-based solutions. Users can access private enterprise print services from nearly any network or device with minimal configuration. Your IT teams have full control over how and where print jobs are delivered on the network.

The customizable architecture ensures that the network can accommodate thousands of new print users without taxing existing infrastructure or IT resources. It's scalable, so it can expand as your requirements change, which is especially important on campuses when a new class arrives every fall with hundreds or even thousands of new mobile device users. It can even be configured to print across multiple processing centers for efficient load balancing and redundancy.

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imagine. change.