

FROM DEVICE TO DATA:

Creating an Efficient Workflow with Security in Mind in Higher Education

Colleges and universities store massive amounts of sensitive data — including research studies, student health records, and other personally identifiable information (PII). Due to this, they are a prime target for cyber attacks. Higher education institutions must also comply with various state and federal regulations to protect student privacy, which can further complicate the data protection environment.

IN 2016, THE EDUCATION SECTOR MOVED FROM THIRD TO SECOND FOR THE HIGHEST NUMBER OF BREACHES BY INDUSTRY.¹

THERE WERE 562 REPORTED DATA BREACHES

AT 324 HIGHER EDUCATION INSTITUTIONS BETWEEN 2005 AND 2014, WHICH REPRESENT ABOUT 15.5 MILLION RECORDS.²

This infographic highlights some common areas of potential vulnerabilities in a typical higher education digital workflow. It also shows the access controls and security features that can be layered on to help enhance document protection, increase efficiencies, and support compliance obligations — allowing colleges and universities to focus on their core mission of improving student outcomes.

PRODUCED BY

CENTER FOR
DIGITAL
EDUCATION

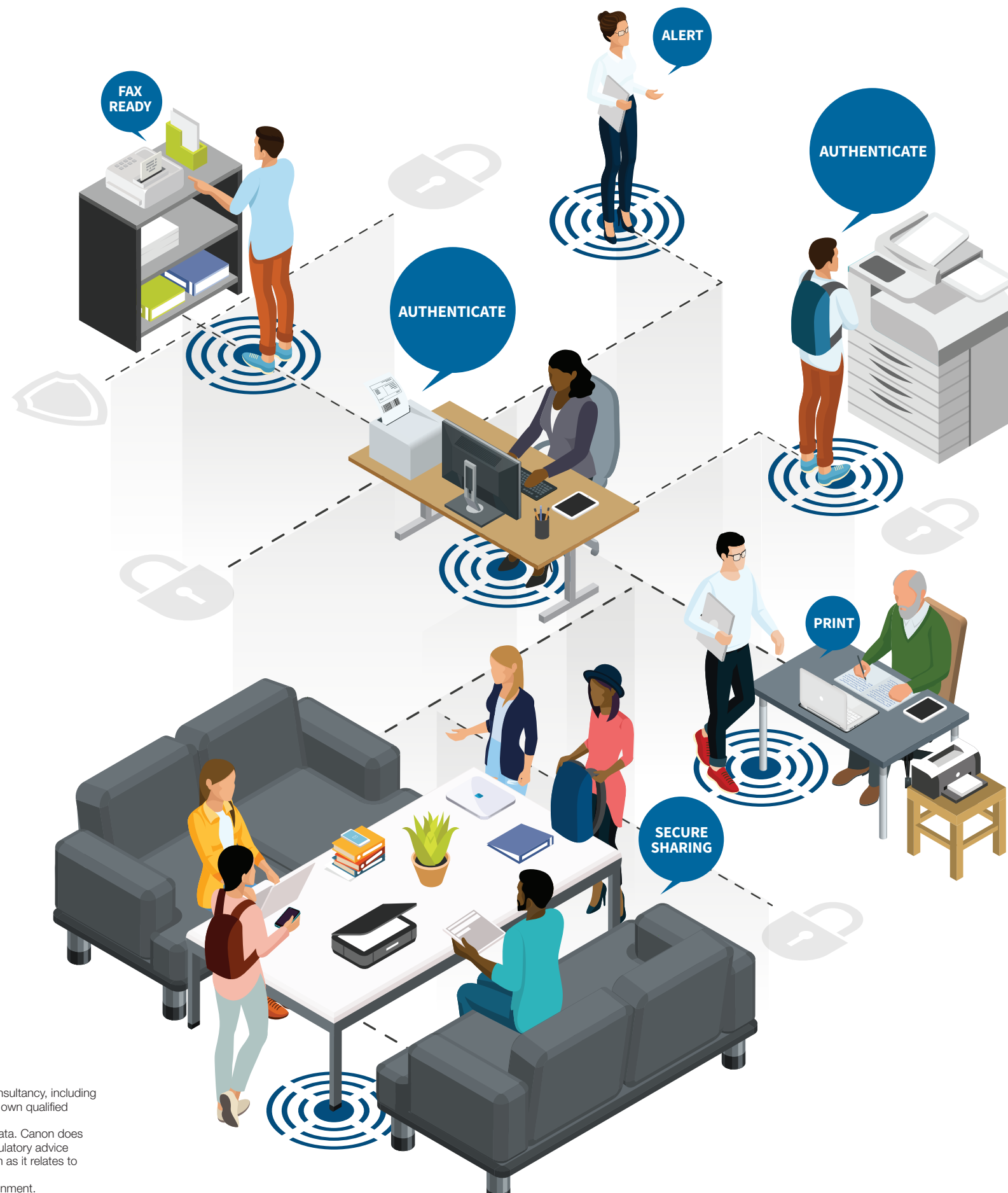
SPONSORED BY

Canon

Canon U.S.A., Inc. and Canon Solutions America, Inc. do not provide legal counsel or regulatory compliance consultancy, including without limitation, Sarbanes-Oxley, HIPAA, GLBA, Check 21 or the USA Patriot Act. Each customer must have its own qualified counsel determine the advisability of a particular solution as it relates to regulatory and statutory compliance.

Canon products offer certain security features, yet many variables can impact the security of your devices and data. Canon does not warrant that use of its features will prevent security issues. Nothing herein should be construed as legal or regulatory advice concerning applicable laws; customers must have their own qualified counsel determine the feasibility of a solution as it relates to regulatory and statutory compliance.

Some security features may impact functionality/performance; you may want to test these settings in your environment. Neither Canon Inc., Canon U.S.A., Inc. or Canon Solutions America, Inc. represents or warrant any third-party product or feature referenced hereunder. As of December 2017.



Layered Security

Layered security comprises device security, print security, and document security, resulting in a comprehensive approach to protecting student information.

Automatic Alerts

An administrator can be alerted should someone attempt to print, scan, or copy sensitive documents that contain keywords (confidential, faculty only, etc.).

Defense at Device

Before accessing a device to print, scan, or copy, an instructor can use a school-issued ID card to help gain the appropriate level of access.

PII Protection

An administrator can print student information from a mobile device, which is then held on a server with security features until he or she enters a password at a printer to retrieve it.

Compliance

A layered approach to protecting your organization can establish an effective security posture and thus facilitate compliance with regulatory guidelines.

Collaboration without Complication

When collaborating with professors, staff, and other stakeholders, an enterprise information management solution can enable a seamless workflow for document owners and contributors throughout the document life cycle.