

Digital Imaging REVIEW

VOL. 29 NO. 9

CANON SOLIDIFIES SECURITY AND COMPLIANCE FOUNDATION

WHAT'S INSIDE

Canon solidifies security and compliance foundation

Most businesses now have systems in place to protect their valuable electronic data from hackers and other outside intruders. But the bigger threat to a company's confidential and closely held information—intellectual property, customer data, proprietary product information and other sensitive material—comes from careless or unscrupulous employees within an organization. Those perils, plus the various federal regulations governing information privacy and security, put a company's hard-copy devices at the center of any information-protection effort.

To aid in that effort, Canon has released Canon imageWARE Secure Audit Manager. When used in conjunction with Canon imageRUNNER MFPs, this information-security solution captures all text and images in a company's print, scan, copy, fax and send job streams. The system then stores each job in a secure, searchable database in both image and PDF formats.

But the system goes well beyond simply storing jobs that pass through Canon MFPs, and can be a proactive partner in a company's security and compliance architecture. Transparent to the end user, imageWARE Secure Audit Manager software automatically performs an OCR conversion of each file and notifies a designated administrator if particular keywords or phrases set by the administrator are detected. For example, the copying or faxing of a memo headed "Confidential" or containing the name of a product still under development could trigger an alert, and the administrator could check the job log to see the user ID and other information associated with that suspect job. In that way, Canon imageWARE Secure Audit Manager puts companies in a position to discourage the leakage of information before it occurs, and provides an audit trail of where the leak came from in

the event that a leak does occur.

"The objective is to deter information leakage from inside a company," explained Dennis Amorosano, director and general manager at Canon U.S.A. "The solution provides a more preventive approach."

Canon imageWARE Secure Audit Manager also provides important tracking and accountability data for government, legal, finance and education organizations, as well as any business that handles sensitive information. With its secure document-audit trail, it helps organizations comply with the Federal Information Security Management Act, which aims to bolster computer and network security within the federal government and its contractors. It also helps satisfy conditions of the Gramm-Leach Bliley Act, which in part requires financial institutions to have an information-security plan that describes how the company will protect clients' nonpublic personal information and select and implement a set of security controls. Canon imageWARE Secure Audit Manager can also satisfy HIPAA rules governing privacy and security for protected health information.

Development on the system began about five years ago at Canon's Japanese headquarters, reported Amorosano. He noted that imageWARE Secure Audit Manager is the first such system to offer a complete audit trail of MFP behavior. "Other makers offer similar capture capabilities, but it's limited to the scan feature or to printing," he said. "An MFP can copy, print, scan, fax and send, so to capture all this information we needed a more complete solution than what was available in the market."

To capture the data no matter where a job originates, Canon engineers developed the iR Agent, a MEAP application embedded in Canon imageRUNNER MFPs, that captures copy, print, scan, fax and send PDFs



and images. Additionally, a Driver Agent is installed on client PCs along with the print driver to capture the contents of print jobs at their source. And imageWARE Secure Audit Manager is a scalable solution. The minimum configuration can be one server for all of the necessary server components (the software and accompanying database), or it can grow to multiple servers depending on customer requirements and the volume of data the system captures.

Amorosano noted that imageWARE Secure Audit Manager works in conjunction with existing imageRUNNER solutions. "The system works in collaboration with Canon's existing Security Kits and Authentication tools, such as department ID, user ID and card readers," he said. "If those are in place, imageWARE Secure Audit Manager captures that information into the job record in its database, along with the file."

In addition to the fully searchable text record of

jobs and automatic keyword notification, the system delivers Canon's proprietary image-detection software. Like a fingerprint, each image has a unique set of identifiable points that distinguish it from other images. By storing those unique points, imageWARE Secure Audit Manager allows an administrator to later search the database to see if a particular image passed through the print, scan, copy, fax or send job streams.

Canon will offer imageWARE Secure Audit Manager through its Professional Services organization (see "Canon Codifies, Expands Services Offerings" in this issue), since each deployment needs to be customized based on each client's hard-copy volume, number of devices, type of jobs typically produced and other factors. It will initially be offered to Canon's direct accounts in the third quarter, followed in the fourth quarter by Canon authorized dealers. JB ■

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