



# MEAP<sup>®</sup> Solutions Portfolio

NEXT-GENERATION  
TECHNOLOGY FOR  
HIGHER BUSINESS  
PRODUCTIVITY





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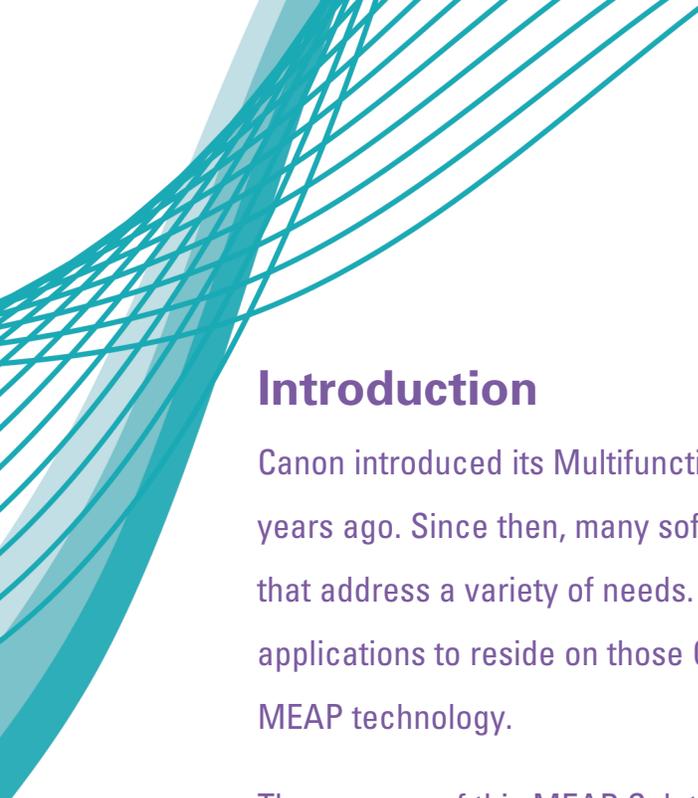
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## Introduction

Canon introduced its Multifunctional Embedded Application Platform (MEAP®) several years ago. Since then, many software developers have been delivering unique applications that address a variety of needs. MEAP is an application platform that allows these software applications to reside on those Canon imageRUNNER® multifunction devices enabled with MEAP technology.

The purpose of this MEAP Solutions Portfolio brochure is to showcase developed MEAP applications. Since development activity is ongoing, it's recommended that you visit our Alliances section of the Canon U.S.A., Inc. Web site at [www.usa.canon.com](http://www.usa.canon.com) to see the latest developments and applications.

MEAP has helped set Canon apart from the competition by enabling our multifunctional devices to deliver personalized applications for end-users. This, in turn, has paid dividends to our customers by improving their workflows while helping Canon become a recognized leader in digital office solutions. Canon is committed to helping customers succeed in today's challenging business environment. With MEAP, any type of business can evolve into a more integrated and productive enterprise.

The MEAP Solutions Portfolio brochure is organized into three sections, representing the sources of MEAP development activity:



## CUSTOM MEAP APPLICATIONS

Customers take advantage of MEAP to customize their imageRUNNER devices to meet their specific workflow needs. For example, clients who want to scan documents from their imageRUNNER device to their company database directory can create an application that results in a special “button” located on the imageRUNNER device that triggers this unique process. Customers can even create the application themselves—provided they have the development expertise in-house—or Canon U.S.A. can develop the application on the customer’s behalf. Customer-specific MEAP applications generally are one of four basic types:

### 1. *Authorized Send*

- Forces users to authenticate themselves first before accessing the imageRUNNER device’s document distribution capabilities while allowing all users to access basic copy features.

### 2. *Scan-to-Database*

- Allows clients to scan documents from the imageRUNNER device to their company’s unique database.

### 3. *Advanced Authentication*

- This is for companies that have authentication requirements above and beyond the standard authentication features included with the imageRUNNER device.

### 4. *Kiosk*

- Allows a customer to customize the panel of the imageRUNNER device LCD for “Pay for Copy or Fax” purposes.



## INDEPENDENT SOFTWARE VENDOR: MEAP APPLICATIONS

Independent Software Vendors (ISV) utilize the MEAP SDK (Software Development Kit) to create applications that integrate their software solutions with the imageRUNNER product line. For example, cost recovery vendors that employ a terminal to connect to an imageRUNNER device to capture the requisite data to record in their cost recovery solution can use MEAP and the imageRUNNER device panel to replace the terminal. MEAP allows ISVs to design the application such that the user interface and much of the functionality can reside directly on the imageRUNNER device itself, thereby eliminating the need for any additional hardware. As part of their overall software solution, ISVs typically market these types of applications though, in some cases, Canon U.S.A., Inc. may resell the offering.



## CANON BRANDED MEAP APPLICATIONS

Canon also makes use of the MEAP SDK platform to develop applications that are commercially available. Many of these provide a deep integration between Canon’s imageWARE branded software applications and the imageRUNNER devices.



## Authorized Send

### OVERVIEW

An Authorized Send customization provides opportunities to meet customer demands for diverse business requirements and environments. As a developer of customized MEAP applications, Canon is leading the way with proven custom and secure solutions that can help meet the challenges of the changing office environment.

The customized Authorized Send solution is different from Canon's offering of the packaged Authorized Send in that it can be modified to meet the demands of businesses looking to do more with authentication at Canon imageRUNNER multifunction devices. Built upon the packaged Authorized Send, customized Authorized Send is an extension of Canon's development expertise in meeting a customer's authentication expectations and creating a unique application suited to a particular need.

**1. Authenticate the user.**

**2. Select Scan-to-E-mail or Scan-to-Network folder.**

**3. Scan-to-E-mail prompt screen.**

*The custom MEAP application solution screen shots are only examples for illustration purposes. The final look can vary, depending on the customization.*

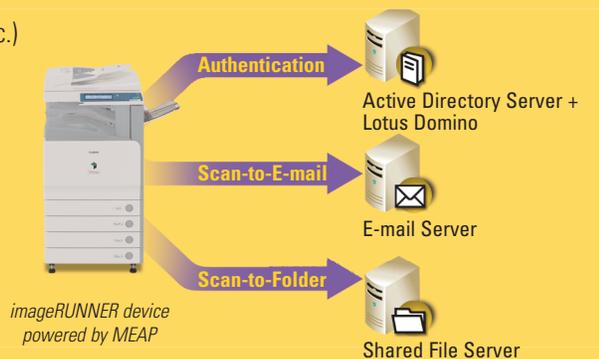
## SOLUTION SCENARIO

Compliance regulations dictate that companies have internal controls and audit trails in place to guard against the misappropriation of confidential and sensitive information. The IT Manager of a company realizes that all employees can use the send function of the imageRUNNER device to transmit sensitive financial reports without any record of that activity. As such, he'd like to require his users to authenticate themselves against the Active Directory® server prior to using the imageRUNNER device Send function. He can achieve this by customizing Canon's Authorized Send MEAP application. This helps ensure that the devices are protected and have complete audit trails to help them from being misused. This helps the IT Manager secure the imageRUNNER devices while still allowing users to access the basic copy, print, and Mail Box functions so that their general office workflows are not disrupted.

## CUSTOMIZATION EXAMPLES

Authorized Send is built on the Canon MEAP platform and can be customized to meet your requirements. Some sample customizations include:

- Adding your company logo to the user interface
- Restricting the functionality by allowing "Scan-to-Self" only or removing "Scan-to-Folder" features
- Adding additional file formats (i.e., JPEG, text searchable PDF, etc.)
- Authenticating against Novell® eDirectory



## TARGET MARKET

The solution is best suited for organizations that want to allow only authorized users to have access to Scan-to-E-mail and Scan-to-Folder features; however, all users can access device copy features without having to authenticate.

## BENEFITS

- Protects your confidential information by preventing unauthorized users from accessing Scan-to-E-mail, Scan-to-Fax Server, and Scan-to-Folder features
- Increases security by ensuring that e-mails sent from imageRUNNER devices can be associated back to an authorized user
- Streamlines workflow by allowing basic copy features to be easily used but requires user authentication for Scan-to-E-mail, Scan-to-Fax Server, and Scan-to-Folder features
- Provides a server-less solution by integrating with existing authentication servers without needing its own server
- Integrates directly with existing authentication and directory services



## Scan-to-Database

### OVERVIEW

The Scan-to-Database MEAP Solution, at its core, allows users to scan and index documents directly at their Canon imageRUNNER multifunction device via the standard touch-screen display. Users can send indexed documents to multiple types of network resources, including:

- Network Folders
- Shared Folders
- Databases
- FTP Servers

Scan-to-Database helps improve document workflow by allowing users to index documents at the time of scanning at an imageRUNNER multifunction device. Another process improvement created by Scan-to-Database is a distributed scanning environment for overall business efficiency.

Distributed scanning allows office workers, remote branches, or geographically diverse locations to eliminate their stand-alone scan stations. By utilizing the imageRUNNER multifunction devices with the Scan-to-Database MEAP application, users can send their documents to a central operations location.



*The custom MEAP application solution screen shots are only examples for illustration purposes. The final look can vary, depending on the customization.*

## SOLUTION SCENARIO

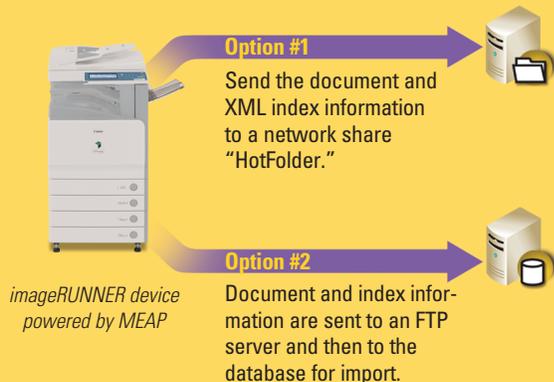
A law firm stores large volumes of images in a document management system designed for the legal industry. The method currently used to upload document images into the firm's database is cumbersome. A user must first scan the document image to a client's PC, log-in to the document management system through a Web browser, enter the index information, then browse and upload the document image.

The law firm can automate this process and allow its users to scan and index documents directly from its imageRUNNER device and send them into the document management system with Canon's Scan-to-Database workflow.

## CUSTOMIZATION EXAMPLES

Scan-to-Database is built on the Canon MEAP platform and can be customized to meet your requirements. Some sample customizations include:

- Adding your company logo to the user interface
- Customizing the application to connect to different databases or workflow engines
- Customizing the index fields to capture pertinent information
- Supporting additional file formats (i.e., JPEG, text searchable PDF, etc.)



## TARGET MARKET

Any organization looking for a fast and efficient method to scan hard-copy documents into its company database.

## BENEFITS

- Automates document capture workflow by allowing users to scan, index, and send document images from an imageRUNNER device to a network folder or document database
- Improves workflow efficiency by sending and delivering documents electronically throughout an organization, thus reducing reliance on manual processes such as courier service, fax-based workflows, and interoffice mail
- Eliminates centralized manual scanning workflows to facilitate a distributed scanning environment
- Provides users with administrator-defined pre-scan indexing at the imageRUNNER device to facilitate the workflow automation
- Eliminates stand-alone scanning stations and other related hardware costs
- Leverages the imageRUNNER device investment and technology spending on databases by making it easier for users to utilize scan technology and digitizing document images



# Advanced Authentication–Novell eDirectory

## OVERVIEW

Advanced Authentication–Novell eDirectory customization provides opportunities to meet customer demands for diverse business requirements and environments. As a developer of customized embedded MEAP applications, Canon is leading the way with proven custom and secure solutions that can help meet the challenges of the changing office environment.

A customized Advanced Authentication–Novell eDirectory solution can help meet the demands for security, compliance, and risk management. Requiring users to authenticate themselves at Canon imageRUNNER multifunction devices provides the opportunity to expand security policies and procedures to hardware.

Securing the device can be a first step in understanding its usage. With the optional imageWARE Accounting Manager software, organizations can analyze and track device usage, thus identifying operational costs and charging them back to the appropriate department or cost center.



*The custom MEAP application solution screen shots are only examples for illustration purposes. The final look can vary, depending on the customization.*

## SOLUTION SCENARIO

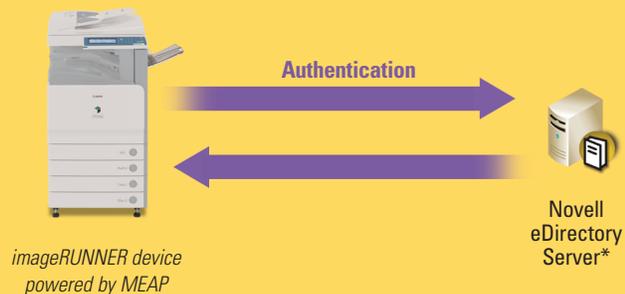
St. Mary's hospital must protect patient information to comply with HIPAA Privacy and Security rules. In order to secure patient information, the hospital would like to make all employees log-in to imageRUNNER devices before copying, scanning, e-mailing, or faxing documents. With Advanced Authentication, the hospital can add information security, and employees can use their same Novell network ID and password. With the optional imageWARE Accounting Manager application, they can also track user activity and capture audit trails.

## CUSTOMIZATION EXAMPLES

Advanced Authentication is built on the Canon MEAP platform and can be customized to meet your requirements.

Some sample customizations include:

- Adding your company logo
- Authenticating against different directory servers



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*\*Advanced Authentication can be customized to support other directory servers.*

## TARGET MARKET

This solution is best suited for companies that use Novell® eDirectory™ as their authentication mechanism and would like to use it to require users to authenticate themselves prior to accessing the imageRUNNER devices.

## BENEFITS

- Protects confidential information by preventing unauthorized users from accessing the imageRUNNER device
- Allows IT administrators to remotely manage access to imageRUNNER multi-function devices via a central location
- Creates usage and charge-back reports for internal cost analysis with the optional imageWARE Accounting Manager software
- Integrates with and leverages customers' existing security infrastructure

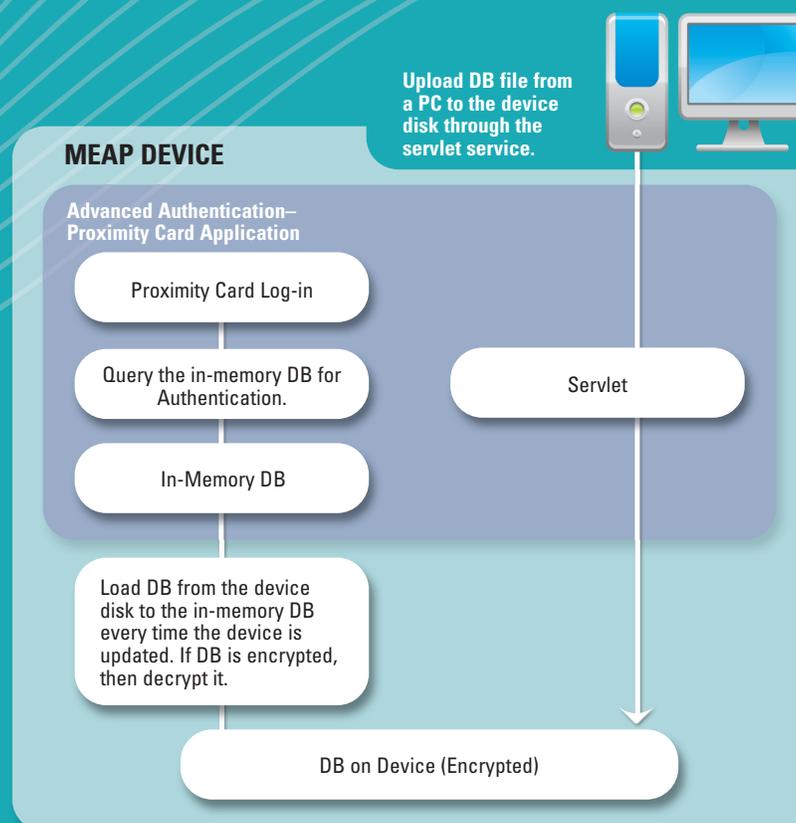


## Advanced Authentication–Proximity Card

### OVERVIEW

Advanced Authentication–Proximity Card customization provides opportunities to meet a customer’s demand for diverse business requirements and environments. In today’s work climate, robust security measures throughout an enterprise are crucial to safekeeping sensitive documentation. As a developer for customized MEAP applications, Canon is leading the way with proven custom and secure solutions that can help meet the requirements of the changing office environment.

The Advanced Authentication–Proximity Card MEAP application requires the use of an employee’s proximity card to gain access to imageRUNNER multifunction devices. This requirement provides a business with integrated and controlled security measures for accessing Canon multifunctional devices. The card ID is used for authentication and then retrieves the user’s unique information from the stored local database.



## SOLUTION SCENARIO

A financial services company is looking to strengthen its security and compliance needs for internal audits and regulatory agencies. It's considering devices that would allow employees to utilize their existing employee ID proximity cards rather than invest in other authentication applications. Advanced Authentication—Proximity Card enables employees to access imageRUNNER devices by using their employee ID proximity cards, which can help improve and enhance security controls for networked imageRUNNER devices and help play a key role in defining security policies and procedures.

## CUSTOMIZATION EXAMPLES

Advanced Authentication—Proximity Card requires users to authenticate themselves utilizing a proximity card in order to access the imageRUNNER model(s). Advanced Authentication—Proximity Card supports multiple proximity cards and card readers that allow maximum deployment into unique customer environments.



## TARGET MARKET

Best suited for companies looking to require all users to authenticate themselves via their Proximity Cards prior to accessing the imageRUNNER devices.

## BENEFITS

- Leverages and extends a company's existing investment in its card reading system to include access to imageRUNNER devices
- Provides a server-less authentication solution
- Protects confidential information by preventing unauthorized users from accessing the imageRUNNER device through required user authentication via ID card, user name, and/or card ID
- Allows IT administrators to remotely manage access to imageRUNNER multi-function devices via a central location
- Creates usage and charge-back reports for internal cost analysis with the optional imageWARE Accounting Manager software
- Presents customers tight security measures to lock down their imageRUNNER multi-function devices from unauthorized use
- Provides proximity card authentication integration with an existing authentication server (such as Windows® 2000, Windows 2003, and Novell®)



## GBCblue-COPYblue

### OVERVIEW

COPYblue is a MEAP application that essentially converts an imageRUNNER device into a self-operated business amenity that hotels use to provide their guests with walk-up copy and fax service. Hotels guests can swipe their credit card or hotel-provided debit card to unlock the device and allow them to make copies and send faxes. The imageRUNNER device interface is completely customized, making it very easy to use. Upon completion, users obtain a printout of the receipt summarizing their activities and charges.

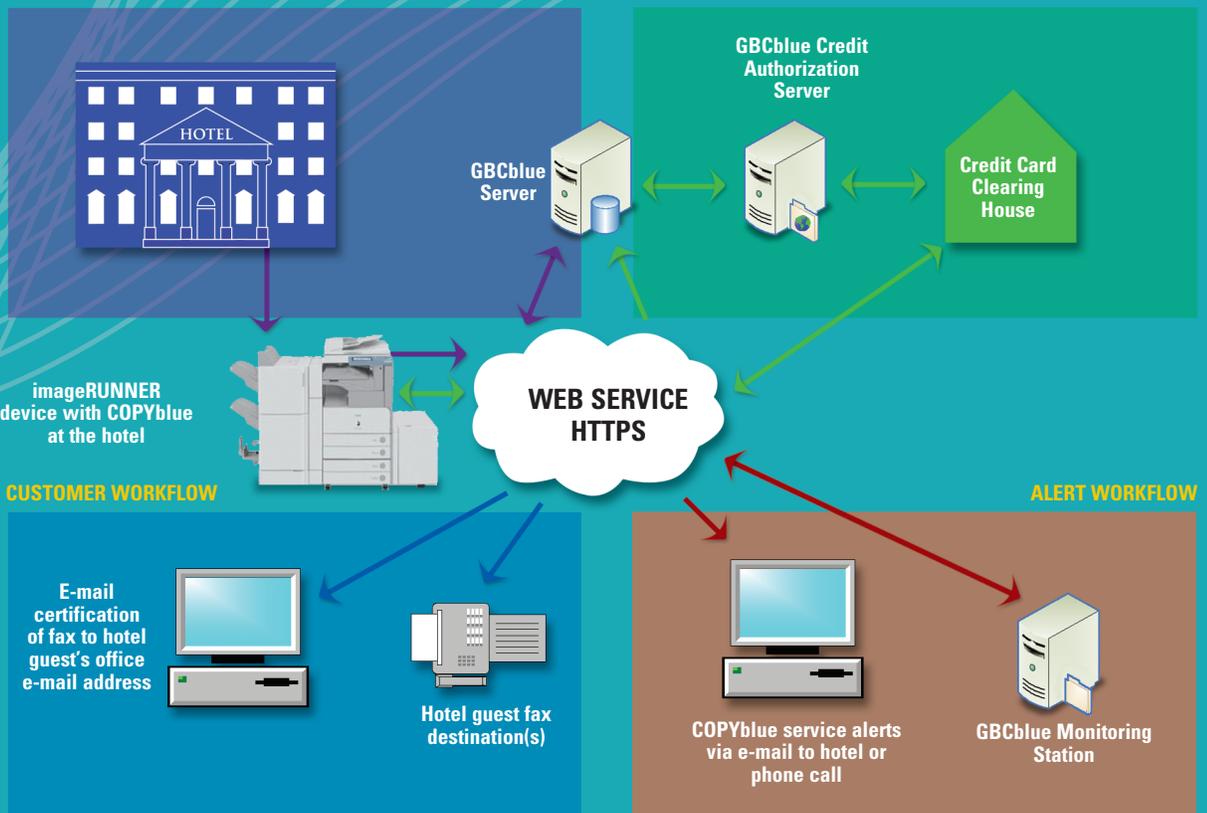
The COPYblue application makes use of the imageRUNNER device's remote status and diagnostics capabilities by sending automatic notifications to GBCblue, the servicing dealer, to ensure the system is up and running. As a result, hotels can place an imageRUNNER device with the COPYblue application in an easily accessible area, without any need for additional staff.

*COPYblue was co-developed by GBCblue and Canon utilizing the MEAP SDK.*



#### DEBIT CARD WORKFLOW

#### CREDIT CARD WORKFLOW



## SOLUTION SCENARIO

### Copy Capability

A financial planning company is hosting an off-site seminar at a local hotel. The presenter wants to hand out copies of his presentation, but he didn't prepare them in advance. To lure the financial company to the hotel site, the hotel manager provided the attendees with a prepaid debit card that entitled them to \$10 worth of free copies on an imageRUNNER device with the COPYblue application. The presenter takes the debit card and makes his copies.

### Fax Capability

A hotel guest checks in after signing on a new client. She's eager to get the client established in the company system at headquarters and needs to fax the newly completed credit card application. She walks up to an imageRUNNER device with the COPYblue application and swipes her credit card. She faxes the credit application to headquarters and receives the receipt.

### Remote Monitoring Capability

A hotel just hosted a series of meetings, where the COPYblue application was very popular among the guests. As a result of the many copies made, the toner was running low. Fortunately, the COPYblue system automatically sent a "Low Toner" message to the GBCblue offices. GBCblue identified the hotel and dispatched a dealer to replenish the toner before it ran out.

## SOLUTION COMPONENTS

GBCblue sells COPYblue as a turnkey solution directly to its hotel clients. Hotels only need to have a Canon imageRUNNER Device enabled with MEAP technology, Internet access, and a business relationship with GBCblue.

## TARGET MARKET

Hotel and hospitality venues that want to provide a self-service credit- and debit-card-enabled system to provide their guests and clients with around-the-clock access to copy and fax capabilities.

## BENEFITS

### Hotel

- Allows guests around-the-clock access to copy and fax service, without the need for additional staffing
- Provides an opportunity to earn additional revenue while offering a needed amenity
- Provides remote diagnostic tools, thereby eliminating investment in additional staffing and resources to ensure that the device is up and running
- Allows some hotels to qualify for a higher rating by being able to provide a business center
- Allows the ability to meet the needs of the lucrative convention and business meeting events

### Guests

- Convenient, around-the-clock access to copy and fax capabilities
- Simple and easy-to-use interface for quick copies and faxes
- Fax confirmations can be forwarded to the user's e-mail account
- COPYblue's checkout page means real-time confirmation of activity that also serves as a receipt for reimbursement
- COPYblue accepts VISA®, MasterCard®, American Express®, and DISCOVER® credit cards
- COPYblue accepts prepaid debit cards, which can be purchased at the hotel



## uniFLOW Output Manager

### OVERVIEW

uniFLOW Output Manager is an intelligent printing solution delivering a rich set of functionality in the areas of secure printing, document accounting, rules-based routing, and print center management. uniFLOW Output Manager's comprehensive functionality makes it an ideal print and device management solution for a wide range of companies regardless of size or industry type.

uniFLOW Output Manager MEAP Applet is an optional module providing embedded Canon imageRUNNER access and secure printing control. With the uniFLOW MEAP Applet you can easily control user access to the Canon imageRUNNER device. To unlock the device, you simply enter a PIN-code, using the numerical keyboard of the Canon imageRUNNER device. Or, you can identify yourself by swiping your identification card.

Once the users have been identified, they can start copying, faxing or scanning or select one of their private print jobs from their personal queue. All copy and scan jobs can then be accounted to the correct user, department or cost center.



1

User prints a document to the uniFLOW Secure print queue.

2

Print job is held on the uniFLOW OM server.

3

User walks up to the imageRUNNER device and authenticates himself using either a PIN Code, swipe card, or active directory credentials.



4

- The imageRUNNER displays the jobs of the logged in user.
- The user can select the document and print them.
- uniFLOW OM server account now accurately tracks the print jobs under the logged user.



Canon imageRUNNER

## SOLUTION SCENARIO

**General Office:** uniFLOW Output Manager's MEAP Applet provides employees secure access to their print jobs at any networked devices in their office.

Employees have to simply logon to the imageRUNNER device using a variety of the available login methods (Card Swipe, Pin-code, Active Directory, local user). Once successfully logged in to the imageRUNNER device, they're presented with their print jobs that were held in a secure print queue. They can print the job and the print job is charged to the employee's account.

uniFLOW Output Manager's MEAP Applet also provides IT administrators with a granular control of device features on the imageRUNNER device. IT administrators can set up different roles for employees based on their job description allowing them only access to necessary functions on the imageRUNNER device. For example, employees in Accounting will be defaulted to B/W printing and copying and all employees in Payroll have no access to "Scan to E-mail."

If an organization is in need of a simple chargeback solution, uniFLOW MEAP Applet provides an effective method of searching and inputting cost centers prior to making copies or scans.

## SOLUTION COMPONENTS

- uniFLOW Output Manager
- uniFLOW Output Manager MEAP Applet
- MiCard Reader for card-based identification
- Secure printing module for releasing print jobs at the imageRUNNER device
- Statistics module for generating reports
- Access Management System
- MEAP enabled Canon imageRUNNER or imagePRESS® models

## TARGET MARKET

General office that simply wants a secure printing or accounting solution with expandability options.

## BENEFITS

- Easy-to-use and cost-effective identification solution at the Canon imageRUNNER device
- Access to confidential jobs from any Canon imageRUNNER device on the network—even in a different building, city or country
- Allow users to have different access rights to the Canon imageRUNNER device depending on their job role



# Independent Software Vendor: MEAP Applications

## eCopy ShareScan

### OVERVIEW

The addition of eCopy to the high-speed scanning capability of an imageRUNNER device enables virtually any office worker to securely incorporate paper-based information directly into any business software application. Office workers quickly adopt and use eCopy because it's so easy. Scanning and routing the document is as simple as the push of a button, with no training required.

Businesses that want to increase the speed and security of business workflows while reducing costs can achieve this through the seamless and easy connectivity of eCopy ShareScan with Desktop and Connector software. eCopy provides tightly integrated, "real-time" connections to more software applications than any other MFP scanning and routing software available. Businesses that utilize both Canon imageRUNNER devices and imageFORMULA DR-Series scanners also benefit from a common (eCopy) user interface that enables office workers to use the same procedure for scanning and routing documents, regardless of device, which helps to assure compliance with company guidelines.

eCopy helps maximize the ease of administration and minimize technical support calls by enabling IT staff to administer the system from a central location, avoiding the need to visit individual MFPs. eCopy's leverage of network security protocols and real-time authentication provides the assurance that security-minded organizations require. Administrators can easily configure it to provide an audit trail that includes which documents were sent where, by whom, and when.



### eCopy Desktop



## SOLUTION SCENARIO

A mortgage provider was able to cut the time needed to process lengthy loan applications by 30 percent using a combination of eCopy software and Canon imageRUNNER multifunction devices. Last year, more than 90 percent of the nearly \$2 billion in loans consisted of paper applications. Even small mortgage loans were 100 to 125 pages in length.

With eCopy's Desktop and ShareScan software, employees use the imageRUNNER device to scan loan documents quickly and securely into PDF documents for electronic archiving. Once transformed into PDF format, multiple users can view and highlight sections of the PDF or add annotations. It provided a more productive way to collaborate on documents, resulting in a dramatic increase in loan throughput. The combined solution allows them to:

- Digitize documents and transform them into universally-readable PDF files in 30 to 60 seconds.
- Combine Word documents and other electronic files instantly with scanned documents into a single PDF file.
- Annotate, highlight, and sign PDF documents without the need for additional software.
- Encrypt sensitive PDF files so they can be e-mailed securely to and from branch and central offices without risk.

## SOLUTION COMPONENTS

- Canon imageRUNNER device enabled with MEAP technology
- eCopy ShareScan Suite
- eCopy Desktop

## TARGET MARKET

Companies in legal, financial, healthcare, insurance, government, construction, or services markets that need to integrate paper into their workflow.

## BENEFITS

- Eliminates the timely task of repeating scans with eCopy's scan preview feature
- Manages eCopy-enabled devices from a central location with eCopy's real-time native integration, saving an IT Administrator valuable time
- Provides a user interface that mimics the characteristics of the application, meaning little user training is required
- Offers a unique user experience based on the user's credentials, giving him/her immediate access to the appropriate files and folders right at the copier
- Delivers a consistent level of security and compliance via security features such as SSL, encryption, and user authentication



# Independent Software Vendor: MEAP Applications

## Ribstone EM1

### OVERVIEW

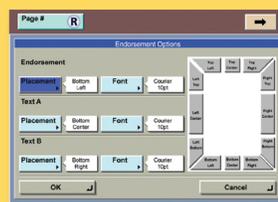
Ribstone's EM1 is an easy-to-use Bates Stamping application for the instant creation of paginated photocopies for corporate legal departments and law firms. Operators are able to copy files with just one pass of an original document from an imageRUNNER device while simultaneously applying a Bates Number endorsement and additional text for added clarity or instruction. Eliminating the need for the traditional time-consuming and manual "copy-label-copy" process, EM1 replaces label printers, hand stamps, and lost time due to uneven placements of labels, raised labels, or rescanning. With EM1, legal workers enjoy the quickest Bates Stamping solution available in the market—it's easy to use, robust, and embedded within their imageRUNNER device.



- Set a prefix of up to 50 characters
- Start Bates Number
- Set a suffix
- Select finishing options
- Add two programmable lines of text, each up to 50 characters



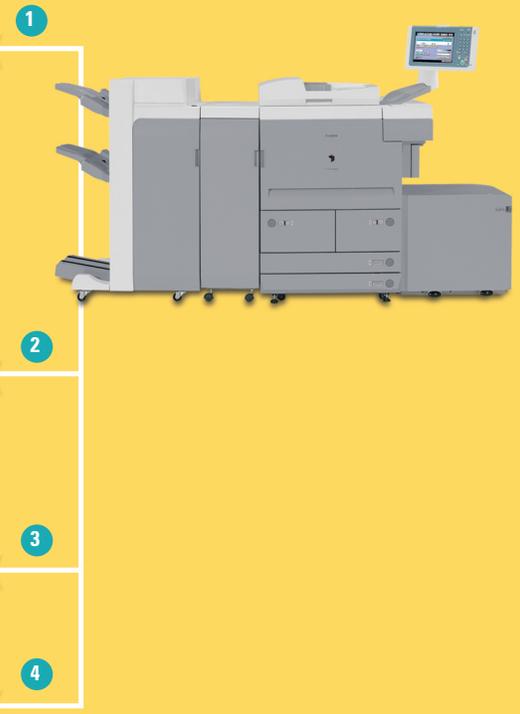
- Select placement of each endorsement



- Create instant copy sets with Bates Stamp and text endorsement



- Output



## SOLUTION SCENARIO

A law firm or legal service bureau requires an easy-to-use Bates Stamping solution to replace the less efficient processes of “copy-label-copy” or use of a Bates hand stamp. These processes are time-consuming, expensive, and prone to error. Furthermore, they can require two passes of original documents.

Ribstone EM1 enables the imageRUNNER device operator to walk up to the system and simply apply a Bates number, complete with alpha prefix, start number, and suffix. The operator can also add two customized text messages that are typically required in the legal industry, such as “Confidential” or “For Attorney’s Eyes Only.” Ribstone EM1 also offers the flexibility to place the text anywhere around the page, with 12 available zones. Users can also select from multiple fonts, sizes, and styles, while using all the finishing features available on the imageRUNNER device. This functionality greatly improves efficiency and can replace the existing “copy-label-copy” production process.

## SOLUTION COMPONENTS

Ribstone EM1 includes a MEAP.JAR file installed on the imageRUNNER device and software that’s loaded onto a computer with an Intel® Celeron® D Processor (2.53GHz).

- The computer does not need to be placed in direct proximity to the Canon imageRUNNER device and can reside anywhere on a company network.

## TARGET MARKET

Law firms, facilities management companies, corporate legal departments, legal print-for-pay vendors, government, and regulatory agencies.

## BENEFITS

- Easy-to-use Canon and Ribstone touch-screen interface requires minimal training
- Bates Number instantly while copying in a single pass
- Bates Number with several placement and font options
- Customize text messages with multiple placement and font options
- Reduce the need for the traditional process of “copy-label-copy” (uneven placement, raised labels, or time and money lost to rescanning)
- Capture billing information and export to cost recovery applications, such as Equitrac and nQueue
- Allows for the full range of finishing options offered by the imageRUNNER device, such as halftone printing for better resolution, stapling, auto-detect page size, and hole-punching



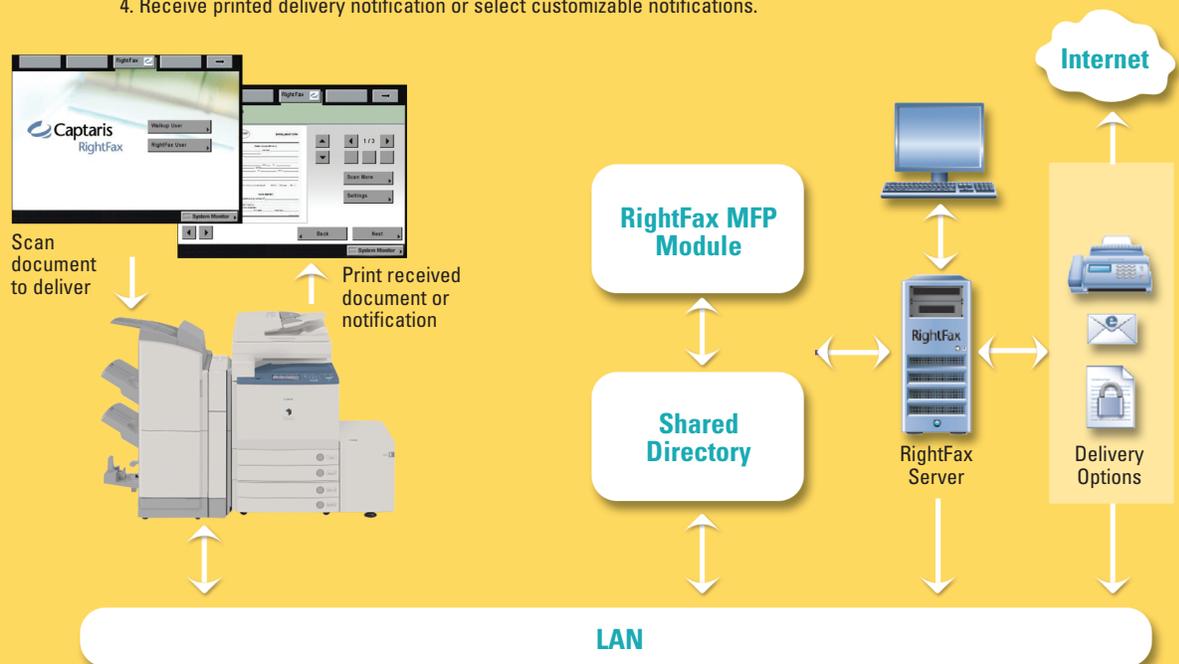
## Captaris RightFax Integration for MEAP

### OVERVIEW

Canon U.S.A., Inc. and Captaris have partnered together to embed RightFax network faxing and electronic document delivery software within Canon imageRUNNER devices, utilizing Canon's innovative MEAP technology. Captaris RightFax Integration for MEAP is an embedded application that allows for two-way communication between the imageRUNNER device and the RightFax server. It's comprised of the RightFax MFP Module version 3.0 and the MEAP platform to integrate the device with the latest version of RightFax. The resulting integration enables office workers to select fax options, attach cover sheets, input billing codes, select document types, access RightFax phone books, and more.



1. Log-in to RightFax Server.
2. Access Phone Book, Cover Sheet, and Billing Copies based on log-in credentials.
3. Send documents via standard fax, certified delivery, encrypted, or other delivery options.
4. Receive printed delivery notification or select customizable notifications.



## SOLUTION SCENARIO

The mortgage industry provides a number of examples of how Captaris RightFax and Canon can work together to provide enhanced productivity. Because documents need to be transferred quickly, often with signatures or other handwritten notes, an on-ramp to network fax capabilities from imageRUNNER devices is extremely useful.

Mortgage agents can walk up to an imageRUNNER device and use their credentials to log-in and access the same RightFax account they use from their desktop. In addition to core faxing capabilities, such as scheduling delivery, sending documents securely, and adding cover page notes, the RightFax integration to Canon devices allows dynamic two-way communication with the RightFax server. Staff members can use their own phone books, check their in-box to see if a fax has arrived, or check details about an earlier transmission. Once documents are sent, users receive notifications and can view history logs because RightFax captures all vital information.

RightFax functionality within imageRUNNER devices allows organizations to efficiently and securely manage documents in a consolidated environment that supports compliance and reduces costs.

## SOLUTION COMPONENTS

- Captaris RightFax Integration for MEAP is required per RightFax Server with an active license per each Canon imageRUNNER device and is available exclusively from Canon and its resellers.
- RightFax MFP Module 3.0 with Canon Extension (that installs on a RightFax Server)
- Captaris MEAP application
- Canon imageRUNNER devices enabled with MEAP technology

*Note: RightFax Business or Enterprise Server 9.3 and above is available from Captaris resellers. RightFax Enterprise Suite is required for encrypted and certified delivery options available from Captaris resellers. RightFax MEAP Client is available from Canon Authorized Dealers.*

## TARGET MARKET

Small- and mid-size markets, corporate and enterprise

### Industries

Finance/banking, healthcare, insurance, legal, business, government/public/education, building/logistics/manufacturing/ transports/wholesale

## BENEFITS

### Cost control through consolidation

- Captaris RightFax Integration for MEAP can support many MFPs. This enables consolidation of resources and reduction of costs by eliminating stand-alone fax machines, modems, phone lines, and supplies.

### Increased productivity and efficiency

- Users can print, scan, copy, and fax from one consolidated device, resulting in improvements in productivity and more timely communications with customers and suppliers.

### Enhanced security and compliance

- RightFax provides tamper-resistant document delivery as well as options such as certified or encrypted e-mail delivery to safeguard privacy and support compliance (e.g., SOX and HIPAA).

### Extended infrastructure investments

- RightFax simply and effectively optimizes existing IT infrastructure. It extends the value of imageRUNNER devices and integrates with e-mail, document management, ERP, workflow, and other applications for a more efficient, connected work environment.

### Simplified deployment and management

- RightFax integrates with imageRUNNER devices and simplifies administrative functions by centralizing document development, duplication, and delivery functions on an integrated networked solution.



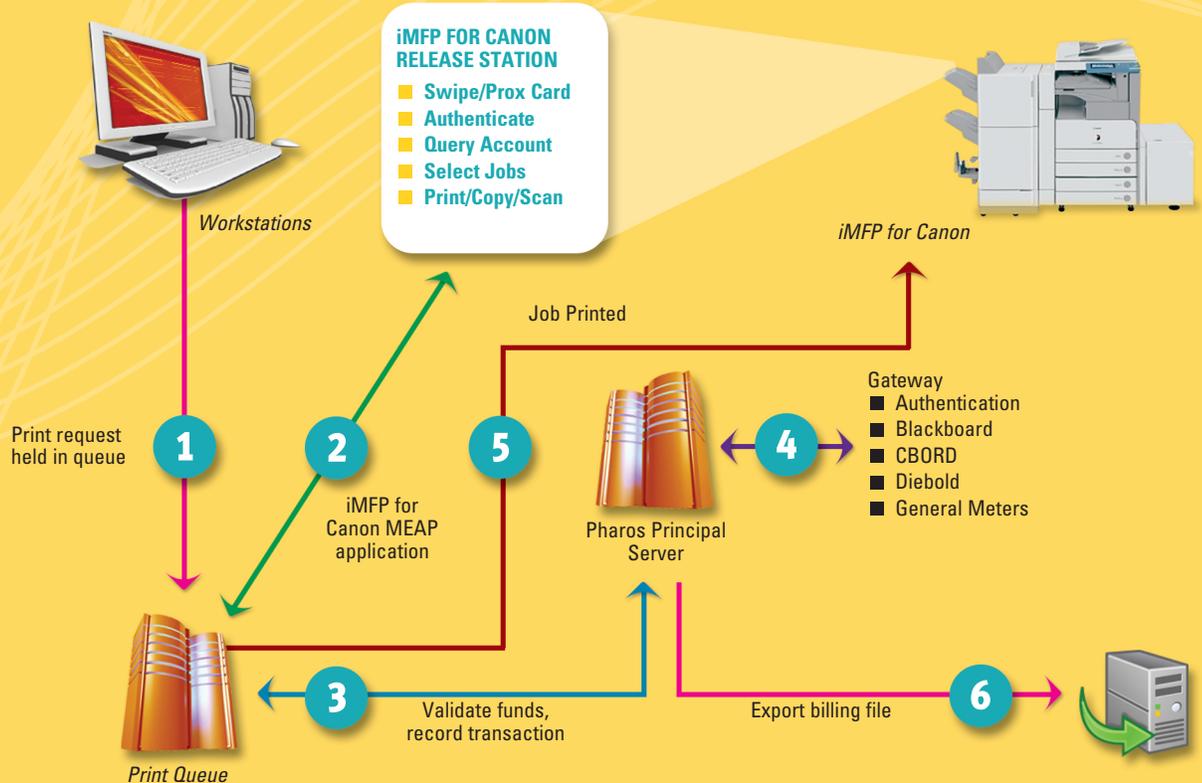
# Independent Software Vendor: MEAP Applications

## Pharos iMFP for Canon

### OVERVIEW

Canon U.S.A., Inc. and Pharos Systems have partnered to place accounting and ID Card Authentication software directly inside Canon's imageRUNNER devices embedded with MEAP technology. The power of Pharos Uniprint® and Off-the-Glass® software creates a new class of integrated Multifunction Printers (iMFPs). These provide fingertip access to powerful Pharos software solutions, including Pay-for-Print & Copy, User-based Job Accounting, Departmental Chargeback, and Secure Release Here™ and color control functionality. It's now easier than ever for users to access the services they need and for businesses and higher education institutions to rein in their out-of-control spending on printing and copying.

The Pharos iMFP for Canon tracks prints, copies, and scans directly from the Canon imageRUNNER device full-color LCD control panel of the MEAP iMFP. Users simply walk up and swipe/touch their ID card, and the iMFP authenticates the user and tracks every page of every print, copy, and scan job. The costs are then charged back to an individual user's account or a departmental budget center. Real-time gateways are provided with the leading online transaction systems and a variety of back-office servers from Blackboard, CBORD, Diebold, and General Meters. Authentication gateways are provided for Active Directory, LDAP, Kerberos, and NDS. There's also a powerful and intuitive export wizard that enables customized data export files to be created and imported into most centralized billing and accounting systems.



## SOLUTION SCENARIO

### Higher Education

The iMFP for Canon provides a solution for college campuses to track printing and copy costs for both student and department printing. Students can utilize their campus card to make copies or send print jobs (using Pharos Systems' mobile printing technology) to Canon devices located elsewhere on campus (libraries, administration building, student labs, etc.). Faculty can also utilize the iMFP for Canon to charge their print and copy costs back to select department codes, budget centers, grant codes, or to a personal purse, making users accountable for their charges and providing higher education institutions the ability to bill the appropriate source.

### General Office

The iMFP for Canon provides a secure device that only authorized employees can use. By requiring employees to authenticate themselves, all print and copy costs can be charged back to select departments. Users are accountable for their charges and businesses can bill the appropriate source. And with Pharos Systems' mobile printing technology, users can print their documents from their laptops or desktops, and then pick up their print jobs at the iMFP that's most convenient. This iMFP can reside anywhere in the building or even in an adjacent building. Once users arrive at the iMFP, the Secure Release Here™ feature ensures that users' jobs are released from the device only when the user is physically present to retrieve them.

## SOLUTION COMPONENTS

- iMFP for Canon MEAP software
- Canon imageRUNNER device enabled with MEAP technology
- Pharos Uniprint server
- Pharos Off-the-Glass software (for tracking copies)
- Magnetic Swipe Card Reader or Proximity Card Reader

## TARGET MARKET

Offices and educational institutions that want to meet the needs of employees, students, faculty, school districts, and libraries.

## BENEFITS

- Single User Interface – a large, easy-to-use, color LCD, touch-screen panel provides a single operator interface for User Authentication, Print-for-Pay + Copy, Secure Release Here™, Color Control, and Departmental Chargeback
- Fast, easy authentication and user-based job accounting via magnetic swipe and proximity card readers
- Secure Release Here™ ensures that confidential information is protected and unwanted documents are automatically deleted
- Color Control allows cost-effective and limited color printing by providing color print job cost information each time an employee prints

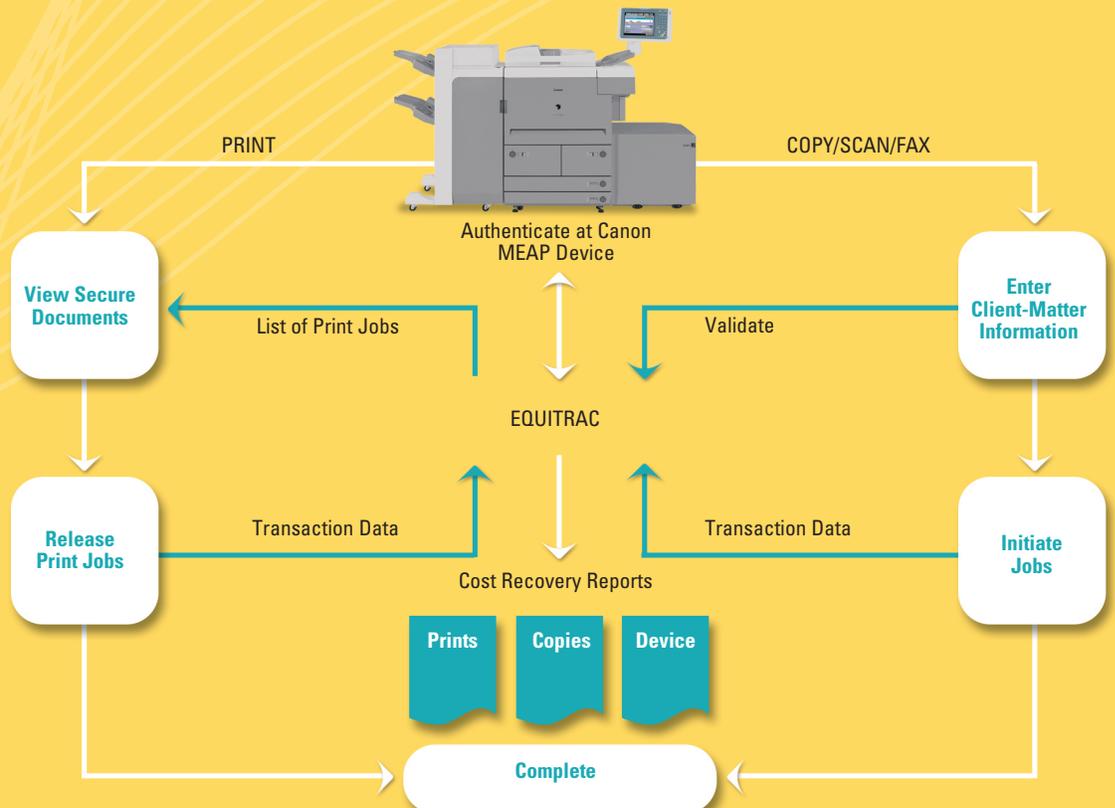


## Equitrac Embedded for Canon

### OVERVIEW

Equitrac® Embedded for Canon puts convenient, secure release of prints—as well as complete tracking and cost recovery of copies, scans, and faxes—at your fingertips in the touch-screen control panel of your Canon imageRUNNER multifunction device enabled with MEAP technology.

The fully integrated Equitrac Professional, Equitrac Express, and Equitrac Office print management and cost recovery solutions allow law firms to increase their cost recovery of client-billable expenses while educational institutions can enforce student print quotas. In fact, businesses of any kind can enhance document security, protect personal information, and provide users the mobility and convenience of Follow-You Printing®—all with no terminals to purchase, install, or maintain.



## SOLUTION SCENARIO

A law firm was looking to increase its recovery of client-billable costs without learning all new systems or changing the way its attorneys and support staff work. With the Equitrac Embedded technology and the latest-generation Equitrac Professional software, the firm implemented an easy-to-use solution accessible directly through the touch-screens of their Canon imageRUNNER devices enabled by MEAP technology. Now users simply enter client and matter billing information before releasing print jobs, copying, scanning, or faxing. Transactional information on page count, output attributes, and finishing options is captured by Equitrac Professional for costing and reporting, and then uploaded to the firm's time and billing system.

## SOLUTION COMPONENTS

- Equitrac Embedded for MEAP
- Equitrac Professional 5/Equitrac Express 4/Equitrac Office 4
- Canon imageRUNNER device enabled with MEAP technology

## TARGET MARKET

**Equitrac Professional:** Law firms, architecture, and engineering companies, consultants, and other professional services providers

**Equitrac Express:** Colleges, universities, K-12 schools, and libraries

**Equitrac Office:** Corporate offices, financial institutions, healthcare providers, and general business environments

## BENEFITS

- Accurate and simplified pricing and reporting through seamless integration with the Equitrac cost recovery solution
- User authentication for tracking and security at the device
- Reduction of wasteful misprints, unclaimed print jobs, and overall output volumes and costs
- Tracking of print jobs, including differentiation between color and black-and-white copies
- No additional hardware required



# Independent Software Vendor: MEAP Applications

## nQueue Embedded Brand: Integrated Cost Recovery for Canon

### OVERVIEW

nQueue, a leading provider of cost-recovery solutions for the legal marketplace, has developed a software-based cost recovery and control solution that resides directly on a MEAP imageRUNNER device. nQueue's popular Embedded brand now includes Integrated Cost Recovery for Canon, a user-friendly and feature-rich embedded application for Canon devices. As a software-only solution that's installed on each Canon imageRUNNER device, there are no hardware terminals, cables, or legacy maintenance issues. This nQueue solution utilizes the powerful MEAP architecture and reliable Canon hardware as a platform to provide all the necessary features to control, capture, allocate, and charge back transactions such as copy and scan activity. imageRUNNER devices with nQueue's integrated solution are networked in real time to nQueue's SQL nQplatform server for data collection and flexible reporting choices.



### nQueue Platform

- Enterprise data collection
- MSSQL Web-based architecture
- Reporting services
- Custom data import and export
- Accounting system integration
- Web services API support
- Full, near, or real-time user and validation support
- Web-based administration



Client's Accounting Server



**Copy and Scan Tracking**  
End-user data input and validation performed at the imageRUNNER device panel with nQueue integrated cost recovery

#### Other Disbursement Collection

- Print
- Phone
- Fax
- Mail
- Research
- Dictation
- Third-party data

## SOLUTION SCENARIO

Law firms and other professional service firms typically monitor all costs, such as photocopying, scanning, and printing, and allocate these costs to their customers' invoices. The challenge they face is to make this process of requiring users to enter accurate billing information simple and straightforward. For many years these firms have been offered an external hardware solution that provides the capturing and reporting of such information; however, this solution was expensive to purchase and maintain.

A customer with the nQueue Integrated Cost Recovery for Canon can simply walk right up to a device and enter the required information for cost recovery. For example, a paralegal would enter a user ID, password, client-matter, and/or case matter directly onto the touch-screen of the MFP. Any copy, print, or scan job would be tracked against this account for billing to the appropriate client and case. Expenses that were once difficult to account for can now be tracked and billed.

## SOLUTION COMPONENTS

- nQPlatform Server
- Embedded brand device license for Canon
- Canon imageRUNNER device enabled with MEAP technology

## TARGET MARKET

Professional services, legal, accounting, advertising, engineering, healthcare, financial services, and facility management companies

## BENEFITS

- Software Economics – a software-based Embedded brand MEAP solution is more economical than buying additional hardware and paying equipment maintenance charges
- Software Integration – nQueue Embedded brand coupled with Canon's MEAP technology platform enables truly seamless integration with other applications as well as extensive customizability
- Lower Total Cost of Ownership – eliminating external proprietary boxes from the cost recovery equation saves money on hardware, eliminates the need for proprietary wiring, and saves staff time on installs and troubleshooting
- Fast Implementation – eliminating hardware and related configuration and wiring streamlines the software-based MEAP integrated installation, resulting in reduced implementation times
- Overall Reliability – a significant increase in overall MFD functional reliability due to the integrated nQueue solution along with more mature software versions



## Control Systems: Copitrak ES for Canon

### OVERVIEW

The Copitrak ES for Canon MEAP application allows users to enter and search for client-related information directly at the control panel of a Canon MEAP multifunction device. This provides rich cost-capture and analysis information, which is linked in real-time with the firm's accounting system for validation of client-matter numbers. In addition, the Copitrak ES for Canon MEAP application consists of several user interface screens for entry of user and account information. It also provides user authentication and account validation services through the imageRUNNER device's network connection.

By delivering the Copitrak ES for Canon MEAP application directly through Canon multifunction devices, it eliminates the need for additional hardware, a natural progression in the evolution of cost recovery programs. The Copitrak ES for Canon MEAP application provides the delivery of a common user experience across an entire enterprise and facilitates efficiency by providing law firms with quick and reliable cost capture and analysis information.



### 1 Sign On to Copitrak ES for Canon



1a. USER LOG-IN  
At this screen, the user is prompted for his/her User ID; User ID is validated against Expense Recovery Server.

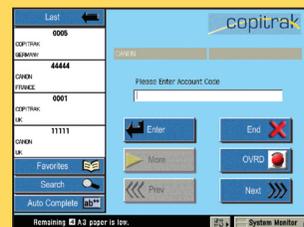
### 2 Data-Entry Modes



2a. SEARCH SCREEN  
The Search button is used to activate the search engine. Users may search for Account Codes, Clients Name, or Favorites.



2b. JOB DESCRIPTION SCREEN  
Job description entry based on global settings or account type.



2c. LAST-JOBS SCREEN  
Last-Jobs button displays the last 16 jobs entered in the terminal by a user. The user can select the account code from the list to assign it to the current transaction.

## SOLUTION SCENARIO

The proliferation of digital equipment, high-speed Internet, and on-line services has been a double-edged sword for legal firms. Even with dramatic advances in efficiency, there's still so much cost- and expense-related client work that goes unaccounted. The Copitrak ES for Canon MEAP application provides law firms with a robust solution to help properly capture these costs. Legal counsel and paralegals can easily associate client copy and billing information directly through the imageRUNNER device's touch-screen. A lawyer or paralegal would enter his/her User ID to start a session for a particular client. The availability of pre-defined Account Codes, Favorites, and Search functionality removes the guessing in billing matters. The lawyer or paralegal can easily select the appropriate code and, at the end of the session, all work is sent to the Copitrak Expense Recovery Server (ERS) for billing and analysis. This results in an efficient manner in which cost can be properly billed back to a client and help streamline billing and document analysis workflows.

## SOLUTION COMPONENTS

- Copitrak ES for Canon MEAP application
- Copitrak Expense Recovery Server (ERS)
- Canon imageRUNNER device enabled with MEAP Technology

## TARGET MARKET

Legal and professional firms

## BENEFITS

- Eliminates the need for extra cost recovery hardware
- Provides users all the features in the Copitrak eClipse Terminal to capture photocopy and scan information
- Links directly to a legal or professional firm's accounting system for validation of client-matter numbers
- Works in conjunction with all other Copitrak software systems and hardware terminals
- Displays a preview of the scanned job on the touch-screen for alignment, pagination, and document confirmation prior to distribution
- Utilizes a true client/server architecture over TCP/IP to communicate back to central Copitrak ERS server from any point within an existing LAN and WAN network
- Provides smartbar interface for client-matter selection of last 20 favorite accounts by user
- Provides global last job recall and speed dial of account
- Allows Super Search for client-matter codes
- Utilizes Auto complete functionality where the terminal automatically completes client-matter numbers



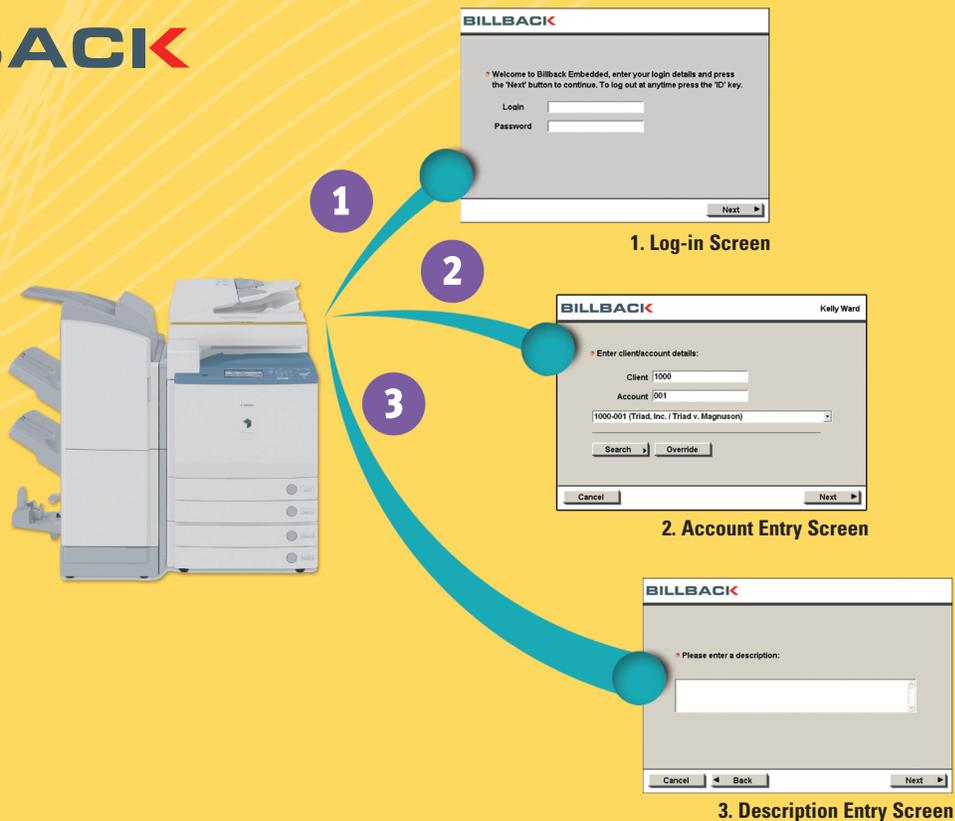
## Billback Systems: Billback Embedded for Canon

### OVERVIEW

Billback Systems has integrated its Advantage cost recovery software suite with Canon's multifunctional devices, allowing users to access their familiar Billback cost recovery software suite directly on the front panel of Canon imageRUNNER devices. The Billback Embedded for Canon solution allows customers to collect billing information on supported Canon imageRUNNER devices without the need for terminal hardware or copy counter interfaces to be installed to monitor the device.

The Billback MEAP application is installed directly onto Canon imageRUNNER devices and sends and receives data over the network to its host server. The current version of Billback Embedded for Canon solution can capture and bill copy (color/paper size/material) and scan (color/size) data.

# BILLBACK



## SOLUTION SCENARIO

Billback Embedded is ideal for professional service firms (i.e., legal, accounting, architecture, and engineering) that seek a streamlined solution for reliable data capturing of copies, scans, and faxes. The system can be deployed directly on Canon MFP devices, thereby reducing the need for stand-alone input terminals. With seamless connection to the firm's accounting system, the client-related administrative costs can be automatically assigned to appropriate client matters.

## SOLUTION COMPONENTS

- Billback embedded for Canon client application
- Billback Enterprise server application
- Canon imageRUNNER device enabled with MEAP technology

## TARGET MARKET

Service firms in the legal, accounting, architecture, and engineering markets

## BENEFITS

- Simple user interface reduces the number of screens for log-in and account validation for faster access
- Search for client-matter numbers directly on the control panel for accurate cost assignment
- Automatic integration with all major time and billing packages; rich device data is fed directly into the firm's billing system via the MFP's LAN connection
- Review of job details for prints, copies, and scans before output saves time and money



# Independent Software Vendor: MEAP Applications

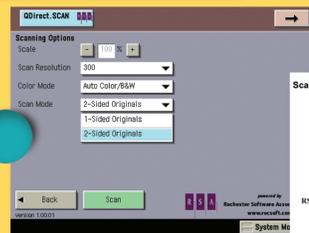
## RSA: QDirect.SCAN for MEAP

### OVERVIEW

QDirect.SCAN for MEAP streamlines the process for sending hard-copy originals to a print center for centralized production. Hard-copy documents are scanned and sent to QDirect, where an electronic job ticket is created automatically. An acknowledgement receipt is sent back to the user and the job is ready for distribution to any printer in the print center without operator intervention.

Jobs can be batched and released by finishing requirements, delivery location, or priority, maximizing the efficiency of operators and equipment. Modular integration with accounting systems, enterprise authentication (LDAP), and QDirect's budgeting module allows the solution to scale with customer requirements. Additionally, print centers can add WebCRD to deliver a complete electronic and hard-copy job submission, management, reprint, and accounting solution.

With QDirect.SCAN for MEAP, employees spend less time making copies and more time making your enterprise successful.



| Job # | Job Name        | Status | Destination     | Class | Category | Doc | Prs | Copies | Pages | Est. | Completion    |
|-------|-----------------|--------|-----------------|-------|----------|-----|-----|--------|-------|------|---------------|
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| 49    | OTR Report      | HELD   | RS475-DELETE-ME | ACCT  | ME       | PCL | 5   | 500    | 15    | 1    | 10/26/04 9:13 |
| 49    | OTR Report      | HELD   | RS475-DELETE-ME | ACCT  | NJ       | PCL | 5   | 500    | 15    | 1    | 10/26/04 9:13 |
| 49    | OTR Report      | HELD   | RS475-DELETE-ME | ACCT  | NY       | PCL | 5   | 500    | 15    | 1    | 10/26/04 9:13 |
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## SOLUTION SCENARIO

A school district with multiple buildings spread across several campuses is looking to drive more volume to a centralized print center, where jobs can be produced more efficiently and at a higher quality.

QDirect.SCAN for MEAP, running on Canon multifunction printers enabled with MEAP technology, can empower teachers and staff to scan one set of originals and select ticketing options directly at the MFP. Automatically, the job is electronically transferred to the print center, along with ticketing options. QDirect generates a confirmation page that's printed instantly at the requestor's MFP. The job can automatically flow to the appropriate printer or be held and released manually by an operator. Jobs can be sorted and produced by destination location for courier delivery. The ticketing options never need to be re-keyed manually, eliminating a potential point-of-failure.

With QDirect.SCAN for MEAP, workers spend less time at the copier and more time on their primary job. Users can leverage finishing options and paper stocks that may not be available at their local MFP. The output is automatically produced on higher-end, more efficient equipment, resulting in better quality. Print centers using QDirect.SCAN report that they are able to increase volume without increasing staff, and jobs submitted by 3 p.m. are typically delivered before the next morning's class.

## SOLUTION COMPONENTS

### QDirect.SCAN Specifications

- The MFP interface is the easy-to-use Canon MEAP scanning front-end solution with customizable ticketing options.
- QDirect runs on a reliable Sun server provided by RSA.
- The QDirect management client is a graphical, Java-based interface that can be accessed from anywhere on the Internet.

### Options

- Integration with accounting systems
- Enterprise authentication (LDAP, Active Directory)
- Budgeting module
- WebCRD Web-based submission and reprints
- Document Management System integration

## TARGET MARKET

Any enterprise where hard-copy originals need to be copied frequently, such as in the education, healthcare, and finance markets

## BENEFITS

### End User

- Saves time—no standing at the copier
- Ensures job accuracy and peace of mind with receipt of a confirmation sheet
- Increased productivity, as multiple users can submit jobs simultaneously
- Seamless charge-back via an integrated accounting system
- User-friendly, MFP-based scan and ticket user interface

### Enterprise

- Easy transition of significant volumes to the print center
- Optimizes/reduces labor required to produce output
- Easy integration with accounting and authentication systems (LDAP, Active Directory)
- Creates a unified look and feel using the same MFP across all schools

### Print Center

- Better control of batch and release jobs via specific requirements or destination
- Limits selection of job ticket options to those defined by the print center
- Ensures job accuracy via the user-validated confirmation sheet
- Elimination of errors in production—QDirect automatically applies a job ticket based on the user's selections
- Simplified management via a graphical user interface
- Increased efficiency, quality, and volume of hard-copy and electronic workflows



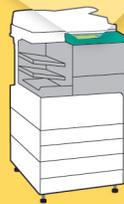
## Sepialine: Argos Embedded Copy Tracking

### OVERVIEW

Argos Embedded Copy Tracking presents employees with a clean, simple log-in screen on Canon imageRUNNER devices. Gone are the multiple prompts, miniature keyboards, and confusing jargon; in their place, a single numeric log-in that gives employees immediate access to the MFP device.

Argos Embedded Copy Tracking is available for most Canon imageRUNNER devices enabled with MEAP technology. Terminal-based versions are available for legacy and non-embedded equipment. All versions share Sepialine's patented workflow that routes unbilled copy jobs away from the MFP and onto the user's desktop.

Unlike many terminal-based tracking products, Sepialine's software-driven approach integrates seamlessly with Sepialine Print Tracking and allows users to bill jobs at their desktop via the Desktop Billing Client.



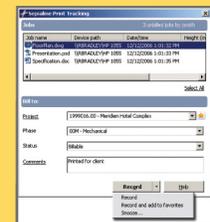
1

Using the on-board keypad, log-in with your PIN code. No billing or accounting information is required.



2

Use the MFP as usual.



3

Return to the desktop, where the Argos Desktop Client prompts the user to allocate the copy to a billing code.

## SOLUTION SCENARIO

Sepialine's patented workflows separate tracking from billing and move the accounting part of the process away from the MFP and onto the user's desktop. The Argos System employs a unique, patented workflow that, unlike most cost recovery systems, allows employees to quickly access equipment with minimum keystrokes. Argos Embedded Copy Tracking runs right on the front panel of a Canon imageRUNNER device enabled with MEAP technology.

## SOLUTION COMPONENTS

Sepialine's Argos System is modular in nature. Most clients start with print tracking and then add other modules.

- Database: MS SQL or MSDE 2000
- Print Tracking Agent
- Manager
- Desktop Billing Client
- MEAP Application: one per Canon imageRUNNER device

## TARGET MARKET

Architecture/engineering/construction (AEC) firms, corporate environments, and service providers

## BENEFITS

- Ideally suited to how the AEC industry works
- Increase revenue by capturing reimbursable expenses for charge-back to client
- Capture print/copy/scan metrics to facilitate internal charge-backs and allocations
- Routes expenses to the desktop for billing to free up the MFP
- Simple to use – just enter a PIN at the MFP
- Tight integration with popular P/E/C market software
- Doesn't interrupt print jobs



## PaperToOffice Pro

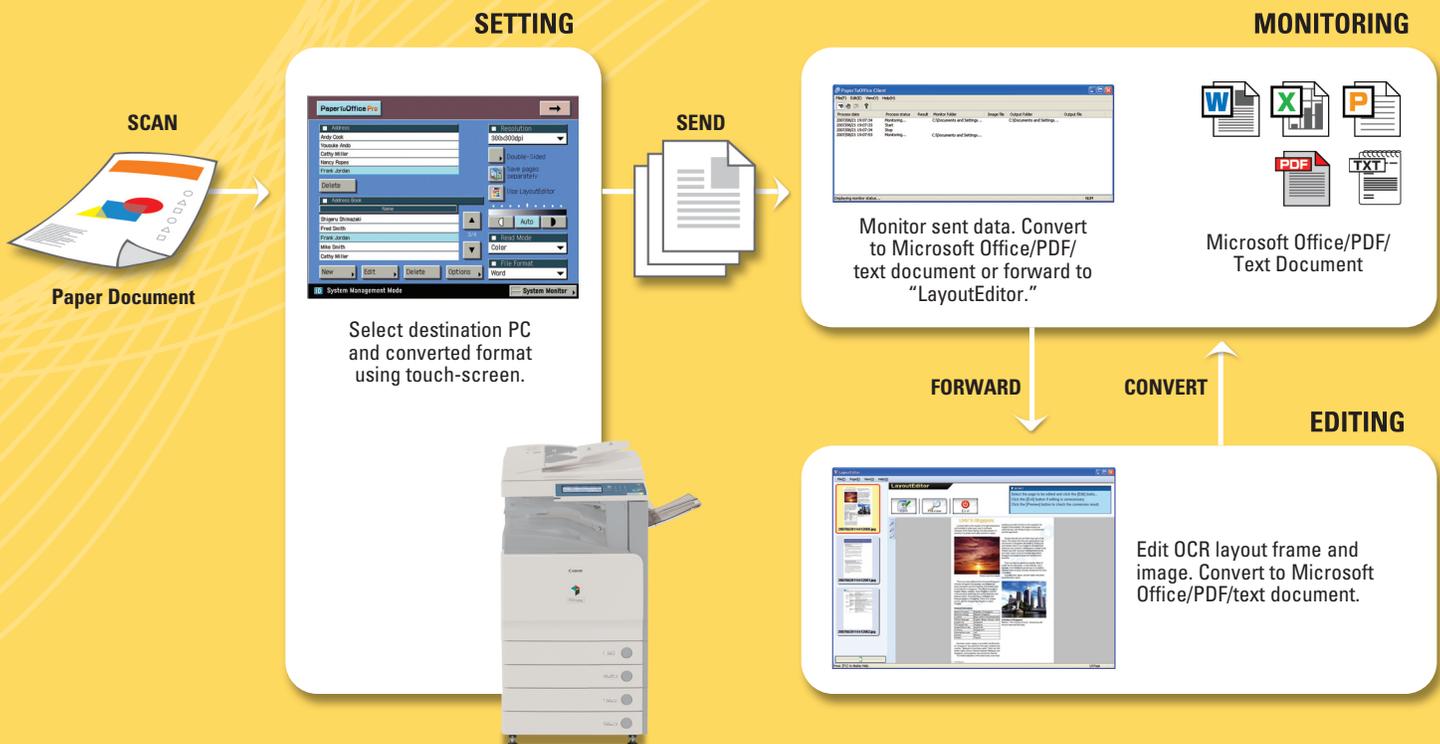
### OVERVIEW

PaperToOffice Pro is a simple-to-use software application consisting of embedded and desktop components that convert paper documents to electronic Microsoft Office formats. Using PaperToOffice Pro, end-users are capable of scanning paper-based documents and selecting Microsoft Office output types of their choice directly from an intuitive user interface at Canon imageRUNNER MFP devices.

Once scanned, the PaperToOffice PC Client automatically executes the OCR engine and converts the file to Microsoft Word, Excel, PowerPoint, text, or PDF.

LayoutEditor: This function makes PaperToOffice Pro capable of editing the document layout and converting image data using an OCR process. By pressing the LayoutEditor button at the front panel of the imageRUNNER device, users can manually recognize document attributes.

## PaperToOffice Pro



## SOLUTION SCENARIO

A law firm has a hard copy of an old legal contract, one that's about to expire. This contract needs to be updated, but the problem is that the original file has been lost. Using PaperToOffice Pro, the firm can scan this old contract at the imageRUNNER device and select Word as the target file format. Once the paper contract is converted to electronic format, the firm can update the contract, make comments for review, and add addendums as needed.

## SOLUTION COMPONENTS

- PaperToOffice Pro MEAP Application
- PaperToOffice Client

## TARGET MARKET

General office, human resources, healthcare, and legal

## BENEFITS

### Time-/Cost-Savings

- Manual labor time reduced (no need to retype or create documents from scratch)
- Easy deployment—no server, no administrator
- No need to prepare a special PC (OS: Windows 2000/XP/Windows Vista)

### Increased Productivity

- Ease-of-use that requires little training
- Integrated directly into the imageRUNNER MFP for simple operation
- Elimination/reduction of typing work



# Canon Branded MEAP Applications

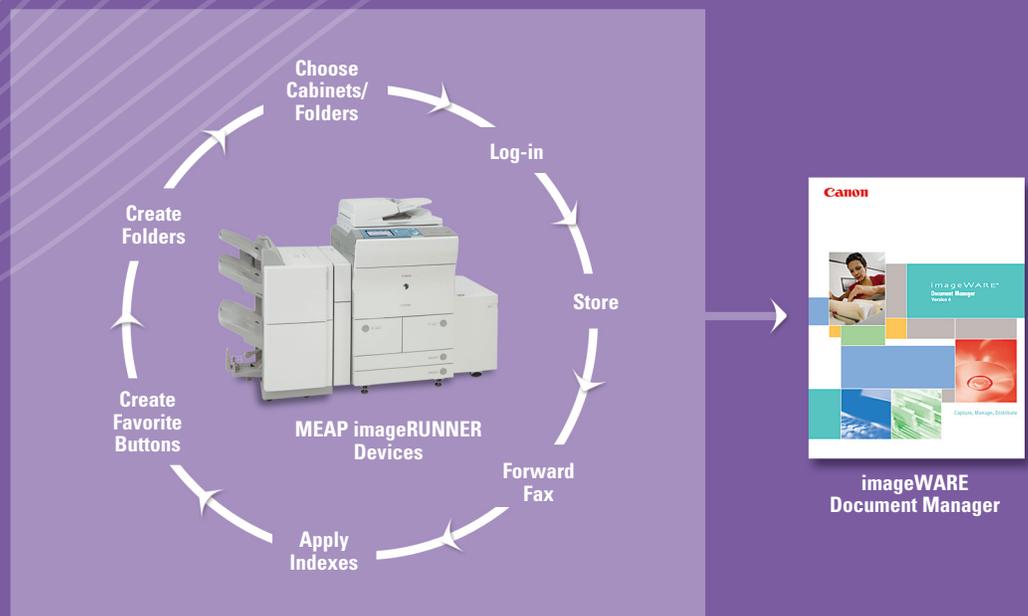
## imageWARE Document Manager Client for MEAP

### OVERVIEW

imageWARE Document Manager Client for MEAP is the client software for imageWARE Document Manager. It allows users to send, index, and store scanned documents directly to, and in a specified destination on, the imageWARE Document Manager Server. It also forwards incoming faxes to Document Manager automatically.

imageWARE Document Manager Client for MEAP resides on imageRUNNER devices enabled with MEAP technology, and all jobs are performed through the control panel on the device. This gives users a flexible and easy-to-use tool to import data and images from imageRUNNER MEAP devices to imageWARE Document Manager for an efficient digital workflow.

imageWARE



## SOLUTION SCENARIO

A national financial services provider has branch offices across several states. The company deploys imageWARE Document Manager in its central office to manage credit card applications and other financial documents. In imageWARE Document Manager, a folder is created as "New Credit Card Applications." "Form Number," "Applicant Name," "State," and "Date" are set up as user indexes.

Every branch office has one imageRUNNER 5570 MEAP device. imageWARE Document Manager Client for MEAP is installed on each imageRUNNER model to expedite the credit card application process. Twice a day, the office clerk puts all new applications on the imageRUNNER device. Through imageWARE Document Manager Client for MEAP, the clerk scans the applications as TIFF files, keys-in the value for each index field, and sends the information to the "New Credit Card Application" folder.

The new applications can be processed immediately at the central office. The electronic approval process can be done in one day versus several days using the traditional method.

## SOLUTION COMPONENTS

### Minimum Requirements for imageRUNNER Devices

- Hard Disk: 100MB
- Memory: 5MB

### Service Provider Host Computer Minimum Requirements

- CPU: 500MHz Intel Pentium II
- RAM Capacity: 128MB
- Hard Disk Capacity: 100MB
- XP Professional SP1/1a/2
- 2003 Server with SP1

### Operating Systems

- Windows Vista Home Basic, Home Premium, Ultimate, Business, Enterprise
- Windows Server 2003 - Standard
- Windows Server 2003 - Enterprise (Service Pack 2)
- Windows Server 2003 - R2 Standard

### Required Software

- .Net Framework 3.0
- Internet Information Service (IIS) 7
- imageWARE Document Manager Client v4.0 (SP2)
- imageWARE Document Manager Client v4.1

## TARGET MARKET

Any customer looking for an easy-to-use tool to streamline hard-copy conversion workflow. Ideal for those who need to import data and images from imageRUNNER MEAP devices directly to imageWARE Document Manager for an effective and complete digital workflow.

## BENEFITS

- Easy importing of data and images from MEAP-enabled imageRUNNER devices to imageWARE Document Manager
- Provides a seamlessly integrated Canon solution for integrating paper documents into digital workflow
- Streamlines the hard-copy conversion workflow to increase efficiency and productivity
- Provides push-scan functionality to give more flexibility at the user level
- Supports ad hoc document capture and management capabilities
- Creates a paperless, more secure environment for sensitive information through automatic fax forwarding
- Allows high-quality color scanning through compatible Color imageRUNNER devices



## imageWARE Accounting Manager for MEAP

### OVERVIEW

imageWARE Accounting Manager for MEAP is a device-embedded application that tracks all copy/print/scan/fax usage. Using the powerful MEAP platform, imageWARE Accounting Manager for MEAP installs directly on the imageRUNNER device, thus reducing IT overhead and eliminating the need for a dedicated server.

With Canon's imageWARE Accounting Manager for MEAP, you can manage the work being done on your office devices. Detailed analysis of printing, copying, faxing, and scanning activities is achievable with a software solution that integrates directly with the imageRUNNER device. imageWARE Accounting Manager for MEAP will record every job that's carried out. You can then review—by department ID or user—the number of pages printed, the type of job, the color page quantity, and so on.

Included with imageWARE Accounting Manager for MEAP is a Microsoft Windows based utility called the Data Collecting Application. This allows the following functions on multiple devices:

- collection of logs
- registering Department ID with usage limits
- setting device settings
- scheduling log collection
- auto-export of job logs

Canon U.S.A. will also release a Microsoft Excel based macro called imageWARE Accounting Manager for MEAP Reporting Tool that will provide a complete reporting solution for customers who have multiple imageRUNNER devices with imageWARE Accounting Manager for MEAP installed.

imageWARE



Copy/Print/Scan/Fax →



imageRUNNER

→

| User Name | Page Count | Sheet Count | Image Count | Page Copies | Letter | Legal | Banner | A4 | Other | Plan | Reported | Other |
|-----------|------------|-------------|-------------|-------------|--------|-------|--------|----|-------|------|----------|-------|
| Total     | 1,267      | 76          | 329         | 1,234       | 97     | 0     | 0      | 0  | 0     | 0    | 0        | 0     |
| 011015    | 0          | 0           | 0           | 0           | 0      | 0     | 0      | 0  | 0     | 0    | 0        | 0     |
| 011016    | 2          | 1           | 0           | 0           | 0      | 0     | 0      | 0  | 0     | 0    | 0        | 0     |
| 011018    | 392        | 195         | 1           | 397         | 0      | 0     | 0      | 0  | 0     | 10   | 192      | 0     |
| 011019    | 120        | 10          | 0           | 0           | 0      | 0     | 0      | 0  | 0     | 0    | 100      | 0     |
| 011020    | 208        | 208         | 0           | 0           | 0      | 0     | 0      | 0  | 0     | 0    | 208      | 0     |
| 011021    | 403        | 384         | 11          | 210         | 0      | 0     | 0      | 0  | 0     | 0    | 403      | 0     |
| 011022    | 11         | 11          | 0           | 0           | 0      | 0     | 0      | 0  | 0     | 0    | 11       | 0     |
| Other     | 0          | 0           | 0           | 0           | 0      | 0     | 0      | 0  | 0     | 0    | 0        | 0     |

Reporting via Web browser from any PC

## SOLUTION SCENARIO

A large corporation wanted to deploy Color imageRUNNER devices, but was fearful of abusive color usage, which would lead to increased document output cost. It installed Canon imageWARE Accounting Manager for MEAP on all Color imageRUNNER devices and monitored the usage for one month. It was able to clearly determine who was printing “what,” “where,” and “when,” obtaining a breakdown of color and black-and-white usage by individual users. All users were informed about responsible usage of color devices and also utilizing duplex or N-up features of the device. Next month the company discovered that most of the color jobs were business-related and some employees had started utilizing duplex and N-up features.

This solution works directly on the device, eliminating the need for a dedicated server PC, thus reducing IT overhead cost.

## SOLUTION COMPONENTS

### imageRUNNER with MEAP Technology

#### Workstations used to browse imageWARE Accounting Manager for MEAP

##### Operating Environment

- Pentium III 500MHz or higher
- 100MB or more free hard disk space
- 128MB or more RAM

##### Web Browser

- Microsoft Internet Explorer 5.5 with Service Pack 2
- Microsoft Internet Explorer 6.0 with Service Pack 1 or Service Pack 2

### Data Collection Application

#### Operating Environment

- Pentium III 500MHz or higher
- 100MB or more free hard disk space
- 128MB or more RAM

#### Operating System

- Microsoft Windows 2000 Professional/Server with Service Pack 2
- Microsoft Windows XP Professional with Service Pack 2
- Microsoft Windows Server 2003 Standard Edition with Service Pack 1

## TARGET MARKET

Every imageRUNNER and Color imageRUNNER customer who wants to reduce excessive color output and control document output cost

## BENEFITS

- Scheduled automated reports provide thorough document output analysis that enables you to make quick, cost-saving decisions
- No IT overhead—no dedicated server or IT administrator is required
- Control of how and when to use color in your business for maximum impact at minimum cost
- Easy management of multiple Canon imageRUNNER devices by Data Collecting Application
- Limit usage (copy/print/scan) with the Department ID upload feature

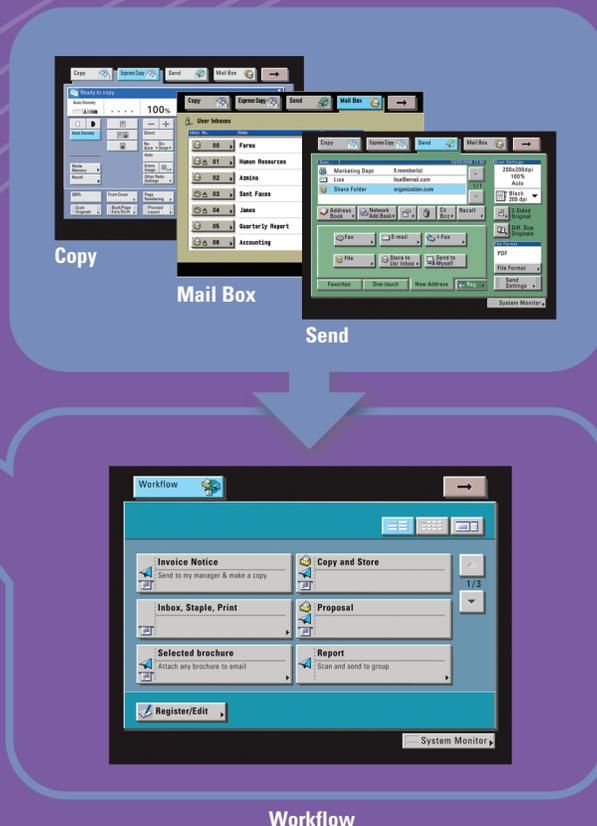


# Canon Branded MEAP Applications

## Workflow Composer

### OVERVIEW

Workflow Composer is Canon's solution to simplify multistep tasks commonly repeated by users. Workflow Composer allows users to register one key that encompasses all the scanning, editing, document merging, printing, and sending settings necessary to perform an entire task or workflow. Plus, the system can be configured to display only the Workflow Composer buttons registered to each individual user when they access the device using one of the authentication methods, providing an unmatched level of device personalization. Choose the Workflow Composer option on your imageRUNNER device to experience streamlined operability and increased productivity for all types of environments.



## SOLUTION SCENARIO

The accounting department of a company with several offices wants to reduce the paper associated with employee travel receipts as well as reduce interoffice mail expenses. The department creates a Workflow Composer workflow to enable electronic submission of receipts in a simple way. With one touch the traveler can print a stored cover sheet, scan multiple pages of paper receipts, and then electronically send the receipts to Accounting. The Workflow can be distributed to imageRUNNER devices throughout the company for all employees to use.

Dr. Hogar's office needs to collect information from new patients, such as insurance cards and new patient forms—and they want to save this information electronically. Workflow Composer allows her staff to easily copy both sides of an insurance card, enlarge the image, and send copies of all documents to their document server. A one-touch button helps her save valuable minutes for each new patient registration process and simplifies training of new staff.

## SOLUTION COMPONENTS

- Compatible imageRUNNER device
- Workflow Composer software

## TARGET MARKET

All business that want to take advantage of advanced Canon imageRUNNER features, while creating one-button simplicity for complex tasks.

## BENEFITS

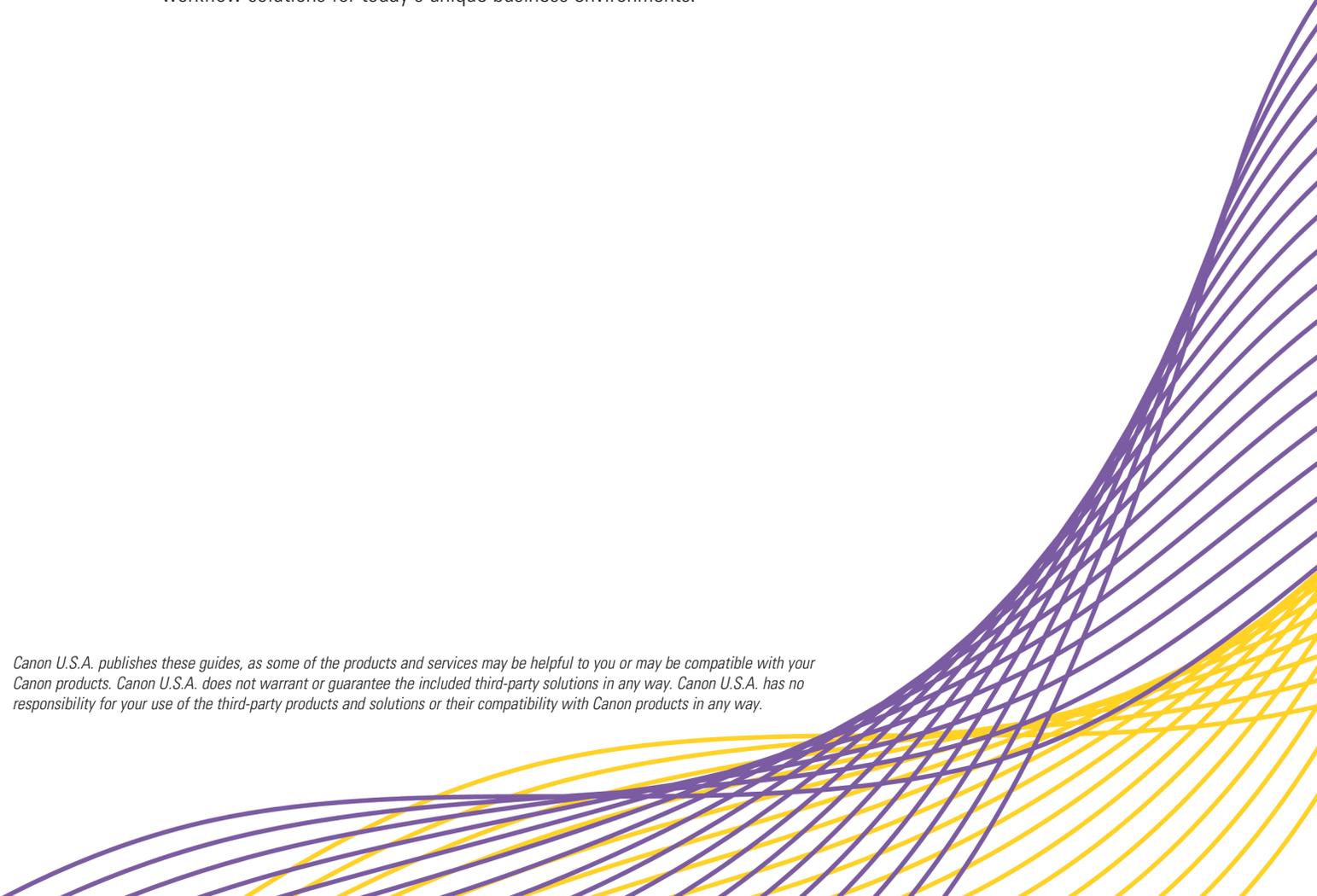
- Compresses complex, multistep workflows into single push-button simplicity.
- Combines Copy, Send, and Mail Box Functions into one button.
- Saves time by turning a highly involved, multistep operation into a simple, single-step operation.
- Reduces the chance for operator error by automating the process of performing complex tasks.
- Enhances productivity by reducing the number of steps required to execute frequent applications that are performed on a consistent monthly, weekly, or daily basis.
- "My Button" feature saves time for the individual user by eliminating the need to scroll through buttons that do not apply to their specific workflows.
- Allows administrators to regulate access to the device by function. Administrators will also benefit from the ability to import/export Workflow Composer buttons to their imageRUNNER device to distribute common workflows throughout an organization.
- Store up to 1,200 workflow combinations per imageRUNNER device.
- A library of pre-built common workflows are available from Canon.



## Summary

MEAP technology reaffirms Canon's strength in integrated solutions, enabling MFP devices to function not only in document processing silos, but also as part of an integrated enterprise solution involving computing, networking, storage, and communication devices. MEAP provides the first opportunity to integrate hard-copy operations directly into the workflow of enterprise software applications, such as reporting, administration, document management, ERP, accounting, HR, and customer management. The benefits of integration can mean only one thing for an organization—simplicity and higher productivity. We encourage you to visit our Alliances section of the Canon U.S.A., Inc. Web site at [www.usa.canon.com](http://www.usa.canon.com) to get up-to-date information on the latest MEAP releases and new development partners. You should check the Canon site frequently since development is always an ongoing activity, and learn about Canon's commitment to providing robust workflow solutions for today's unique business environments.

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