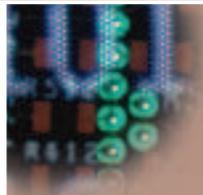
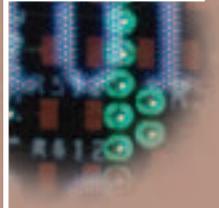


# Canon

imageRUNNER™  
400S



imageRUNNER™  
400S



## THINK DIGITAL. WORK DIFFERENT.

**Experience the Unparalleled Results from a New Generation of Digital Imaging Systems Only Canon Can Deliver—introducing the imageRUNNER™ 400S. Expect Innovation From the Industry Pioneer and Leader in Digital Multifunction Technology.**

Canon, the pioneer in digital technology and market leader in network-connected devices, proudly offers the imageRUNNER 400S. This unique system integrates unsurpassed levels of performance and multifunction capability within your LAN or client/server workgroups and/or stand-alone environments. Whether your document management needs call for printing, copying, faxing, or scanning,

every imageRUNNER 400S can be precisely configured to match the requirements of your organization. Using an open, fully modular architecture, every imageRUNNER can be expanded to integrate available options and accessories to accommodate changing needs. And all imageRUNNER devices can easily implement new imaging technology as it evolves, making Canon the smart choice as your long-term solutions provider. In choosing imageRUNNER, your organization will benefit from initial investment protection other manufacturers simply cannot match.





## The Power of Digital Technology Has Forever Revolutionized the Ways in Which the World Conducts Business.

### Create a Power Shift in Your Office Everyone Will Welcome

Digital technology has forever revolutionized the ways in which we conduct business. Speed and productivity through shared resources have significantly improved communications, bringing great competition among organizations demanding this power. To adapt to the challenges of building an effective IT platform, you need easy-to-operate, yet powerful systems to connect with the world of LANs, client/servers, Token Rings, TCP/IP and other technologies.

With the imageRUNNER 400S, document creation and distribution—in either hard-copy or electronic format—empowers end-users to create what they want, when they want it, with high-level finishing that sets this device apart from any other in the industry. Whether installed in stand-alone, walk-up environments or with full connectivity to many networked systems, the power truly belongs with end-users, as they create, edit, and distribute digital-quality documents with ease and flexibility.

At the heart of every imageRUNNER 400S is an internal Image Server, which allows unprecedented performance and efficiency of copy, print, and fax jobs. The imageRUNNER ships with standard memory to host such functions as Scan-Once-Print-Many, Automatic Image Orientation,

Automatic Page Layout for booklet-making, and Confidential User Mail Boxes for secured printing applications. The embedded Image Server memory can be expanded to 96MB, total, through industry-standard DIMM memory modules.

In terms of user-control, powerful, intuitive Canon device drivers and remote device management software come standard with every networked imageRUNNER. This application software allows workgroups to complete the document creation process from start to finish, right at their desktops.

### A Truly Modular System

The imageRUNNER 400S delivers digital multi-function capabilities designed to meet the application needs and budget of your organization. Operating at a speed of 40 pages per minute, the imageRUNNER 400S supports an output resolution of 1200 x 600 dpi at 256 grayscale—the highest of any copier in its class. It also offers standard, built-in duplexing of paper sizes from statement to ledger, which helps reduce the costs associated with paper-intensive environments. And a standard, 1,050-sheet paper supply is offered via two, 500-sheet paper cassettes and a 50-sheet stack bypass. Best of all, the system can be expanded and custom-tailored to meet the information-management needs of many customers.



The optional Paper Deck expands total paper capacity by 3,500 sheets and is ideal for production-level environments.



When fully configured, the imageRUNNER 400S delivers 5,550 sheets of on-line paper, the highest in its class.

# digital

## For Every Size Workgroup, For Any Need to Manage Information, Regardless of Form, Content or Location.

### Network Connectivity NOW, As It Should Be

With one of the available network printer options, the imageRUNNER 400S can seamlessly integrate into Ethernet or Token Ring environments, providing great value to LAN or client/server users in creating and processing finished documents. With multiple protocol support for IPX/SPX,<sup>™</sup> TCP/IP, AppleTalk,<sup>®</sup> and SNMP, the imageRUNNER 400S is designed to address specific, company-wide network communication needs. Whether you operate in UNIX,<sup>®</sup> Windows,<sup>®</sup> Macintosh,<sup>®</sup> or all these environments combined, cross-platform compatibility, high performance, and network stability are reasons why Canon commands the highest connectivity rate in the marketplace today.

### Powerful Network Device Management and Driver Software

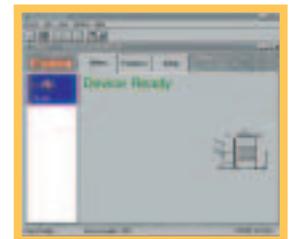
Regardless of the network or computer operating platform you use, the imageRUNNER 400S, when connected to the network, offers device driver software designed for ease-of-use and full document control. You can send print jobs from your

desktop over the network with specific instructions, such as sort, staple/sort, saddle-stitch, or duplex, or even select various paper options by choosing up to seven available supply areas.

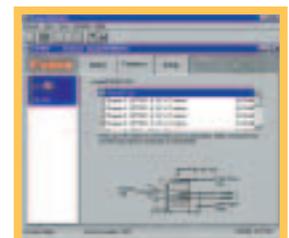
As an integral component of every network-connected imageRUNNER, Canon's NetSpot<sup>®</sup> Device Management Software simplifies the complete device installation, configuration, and management through an easy-to-understand user-interface. From one's desktop, NetSpot enables network administrators and end-users to receive system status and configuration information, as well as view a networked imageRUNNER print queue anywhere in the company. Depending on user-rights, print jobs can be deleted or promoted within a queue, or redirected to other networked devices through the simple "drag-and-drop" procedure commonly used with a mouse. For the network administrator, consistency of user-interface, regardless of operating system used, makes device setup and management simple and easy.



With its user-friendly design and consistency across all Canon Digital Imaging Systems, the imageRUNNER 400S Control Panel makes machine operation as simple as touching a button.



NetSpot Job Monitor.



NetSpot Features Tab.

## imageRUNNER is the Ideal Solution for Users Who Demand High Image Quality and Editing Capability.

### Super High-quality Printing in PCL 5e, PCL 6 and/or Adobe® PostScript® 3™

Canon offers a range of network printer options tailored to your organization's needs. The Network Multi-PDL Printer Board-P1 offers PCL 5e, PCL 6, and Adobe PostScript 3 printing, and comes equipped with 128MB of industry-standard memory and a 10GB Hard Disk for superior network printing performance. The Network Printer Board-K1 has the same memory capacity and hard disk, but is specifically tailored for PCL print environments only.

### JBIG Faxing—More Productive Than With Stand-alone Devices

The Super G3 Fax Board-F1 and Super G3 Dual Line Fax Board-A1 for the imageRUNNER 400S provide a more productive solution than the majority of stand-alone devices available today. With 33.6 Kbps transmission speed, JBIG compression capability, and 32MB of standard RAM, the imageRUNNER 400S can support up to 640 pages of faxed documents. The Dual Line Super G3 Fax Board-A1 adds an additional phone line for sending and receiving faxes simultaneously. With additional memory expansion modules, maximum capacity is increased to 96MB, creating support for up to 1,000 sheets.

### High-resolution Document Scanning and Distribution With an Open System

Scanning is quickly becoming a necessity as organizations integrate paper-based and electronic information for shared access throughout the company. With the Interface Board-D1, every imageRUNNER 400S has the ability to scan hard-copy originals from 150 dpi to 2400 dpi, adding tremendous value over traditional scanners, as grayscale, resolution and paper support are much greater. Furthermore, Canon's support of industry-standard ISIS scanner interface technology allows the imageRUNNER 400S to support more than 120 of the most popular imaging applications.

### Digitize and Organize

When outfitted with eCopy™ ShareScan™ and eCopy Desktop™ software, customers can turn the imageRUNNER 400S into a sophisticated, yet easy-to-use document delivery system. eCopy ShareScan provides walk-up users with the ability to capture and preview documents while integrating to LAN Fax and user-desktops. Using eCopy Desktop, users have a powerful tool for adding annotations and mark-ups, or for converting scanned documents to editable text via OCR. eCopy Desktop also links to E-mail, LAN Fax, and document management software for easy distribution of manipulated, scanned images. Through a web browser, users can then preview the contents of the received document for easy identification prior to printing or deleting, if necessary.



eCopy ShareScan

# send

## The imageRUNNER 400S Provides a Much More Productive Solution Than the Majority of Stand-alone Devices Available in the Marketplace Today.

### Built-in Fault Tolerance Assures Your imageRUNNER is Always Operating

Rather than rely on a single Central Processing Unit (CPU) to handle all functions, each expansion board has its own, thereby optimizing the specific requested function while processing multiple jobs simultaneously. Recognizing the critical nature of your networked requirements, this offers a robust level of redundancy, thus eliminating potential for total system failure.

### DIPS Digitizes Images For Super Clarity

Instead of producing originals the traditional way, Canon's patented Digital Image Processing System (DIPS) translates original images into digital form and then prints them—using a high-quality invisible ray laser—at up to 1200 x 600 dpi resolution, resulting in astounding digital clarity. DIPS also uses advanced Artificial Intelligence to improve contrast and text sharpness, often proving to be better than the original itself.

### Ease-of-use With the Touch of a Button

The imageRUNNER 400S is designed with a user-friendly, integrated LCD touch-panel. For operations that require monitoring, Canon has provided a simple interface that allows users to complete tasks in fewer steps. Just the touch of a button can copy, fax, or edit documents, leaving the operator free to do other tasks.

Although the imageRUNNER 400S comes standard with a 1,050-sheet, statement-to-ledger paper supply, it can accommodate paper-intensive operations with available paper supply options, including:

- 1. Cassette Feeding Unit-R1:** This option adds four, 500-sheet paper trays to the standard two, 500-sheet trays, bringing total paper capacity to 3,000 sheets.
- 2. Cassette Feeding Unit-S1:** This option adds two, 500-sheet paper trays and a device pedestal to the standard two, 500-sheet trays, bringing total paper capacity to 2,000 sheets.
- 3. Paper Deck-B1:** Holding 3,500 sheets of letter-sized paper, the Paper Deck-B1, when used with the Cassette Feeding Unit-S1, provides a total paper capacity of 5,500 sheets. A standard, 50-sheet stack bypass offers convenient handling of transparencies, labels and other media as an extra source tray supporting the above options.

### High-level Finishing and Paper-handling Beyond Comparison

To enhance the quality of your printed communications and improve office efficiency, the imageRUNNER 400S offers a wide range of standard features and optional accessories, including:

- The optional **DADF-A1** Automatic Document Feeder lets you stack up to 50 originals, statement to ledger.
- The optional **DADF-B1** Automatic Document Feeder lets you stack up to 30 originals, statement to ledger.
- The **Finisher-E1** (Stapler Stacker) holds up to 1,000 prints, copies, or faxes from statement to letter, and up to 500 sheets of legal to ledger paper. Plus, the Finisher-E1 can staple sets of up to 30 sheets.
- The **Finisher-C1** (Multiposition Auto Stapler) has three output trays to receive finished print, copy, and fax output, with one stationary interrupt tray for separation of print and fax output.
- The **Finisher-C2** (Saddle-stitch Finisher) has five output trays, including interrupt tray, and offers multiposition stapling up to 50 sheets, and saddle-stitched finishing up to 15 sheets.



The Saddle-stitch Finisher offers multiposition stapling, saddle-stitched finishing, and five output trays, including interrupt tray.



Standard 50-sheet Automatic Document Feeder.



The Finisher-E1 offers multiposition stapling.



The Finisher-E1 Stapler Stacker can staple sets of up to 30 sheets.

# The Canon imageRUNNER 400S. Giving You the Power to Create and Distribute Knowledge and Ideas in New Ways Within Your Workgroup and Beyond.

## Expansion Boards For Added Functionality\*

The following expansion boards give your system the ability to print, fax, or scan and interface with other systems in your office network:

**1. Network Multi-PDL Printer Board-P1**—Provides a direct 10/100 Ethernet connection to your local area network. Operating at 500MHz with a 128MB standard memory and 10GB Hard Drive, this high-performance network print connection is equipped for both PCL 5e, PCL 6, and PostScript 3 printing, and also offers multiple protocol support for many network and computer operating system platforms.

**2. Network Printer Board-R1**—While the Network Printer Board-R1 offers the same performance as the Network Multi-PDL Printer Board-P1, it is specifically designed for PCL printing environments only. This printer board can be configured for the imageRUNNER 400S with the pre-installation of the Expansion Board Base Unit-C1, required for adding extra functionality.

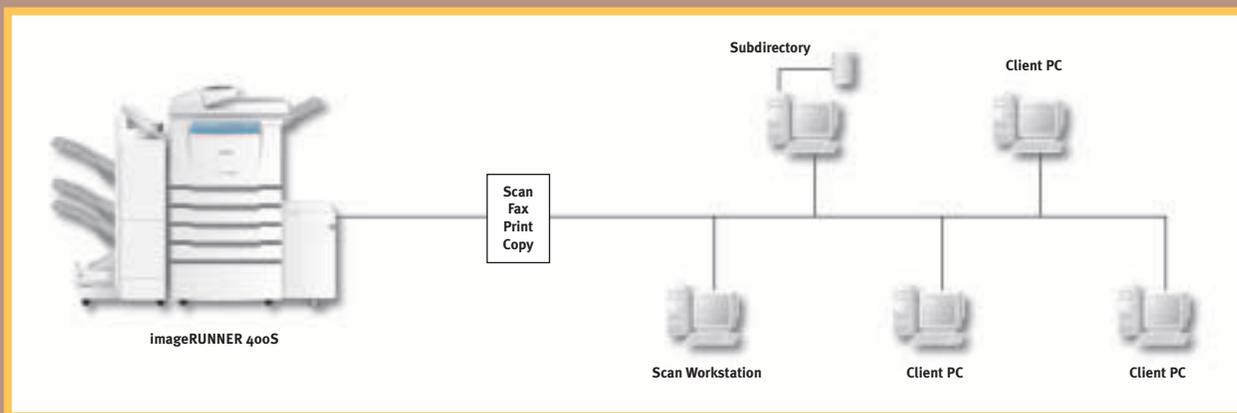
**3. Token Ring Interface Kit-TR4**—Ideally suited for driving full-device performance over Token Ring networks, this optional board can be equipped on either Network Printer Board, and supports environments operating at 4/16 Mbps via RJ-45 and DB-9 connections, with multiple protocol support and integration within Canon's NetSpot architecture.

**4. Super G3 Fax Board-F1**—Provides more productivity than stand-alone facsimile machines. With JBIG compression, a 33.6 Kbps transmission speed, and a memory upgradable to 96MB to support up to 1,000 sheets, the Super G3 Fax Board-F1 is a flexible alternative to traditional, "non-networked" fax devices.

**5. Super G3 Dual Line Fax Board-A1**—Equipped with the same capabilities as the Super G3 Fax Board-F1, the Super G3 Dual Line Fax Board-A1 adds another line for sending and receiving G3-type faxes simultaneously.

**6. Scanning Interface Board-D1**—Designed with a standard 10MB of memory to handle scanning needs from low-resolution text to high-grayscale images. Supporting scanning resolutions of 150 dpi to 2400 dpi, this optional board integrates paper and digital workflows with ease.

## imageRUNNER 400S Connectivity



\* The Expansion Board Base Unit-C1 is required prior to installation of all functional Expansion Boards.



**imageRUNNER 400S Specifications**

Type:	Digital Multifunction Imaging System
Imaging System:	Laser Dry Electrostatic Transfer
Developing System:	Dry Monocomponent Toner Projection
Image Server Memory:	Standard 128MB
First-print Speed:	6 Seconds from ADF or Less
Warm-up Time:	92 Seconds or Less
Multipage Speed:	40 ppm
Resolution:	600 dpi x 600 dpi
Interpolated Resolution:	1200 dpi x 600 dpi
Halftone:	256 Gradations of Gray (Continuous-tone)
Scanner:	CCD, 600-dpi Resolution
Document-handling:	Automatic Document Feeder
Automatic Document Feeder Capacity:	50 Sheets (DADF-A1), 30 Sheets (DADF-B1)
Max. Original Size:	11" x 17" (Ledger)
Output Sizes	
Cassette:	Statement to Ledger
Bypass:	Statement to Ledger
Paper Supply	
Standard:	Dual Front-loading Cassettes (500 Sheets Each) 50-sheet Stack Bypass
Optional:	1,000-sheet Two-cassette Feeder 2,000-sheet Four-cassette Feeder 3,500-sheet Paper Deck (Total: 5,550 Sheets)
Output Options:	Stapler Stacker Finisher Multiposition Auto Stapler Saddle-stitch Finisher Standard Automatic Trayless
Duplexing:	
Duplexing Magnification Reduction/Enlargement:	25% to 800% in 1% Increments
Multiple Copies:	1 to 999
Paper Weights:	13 lb. to 32 lb.
<b>Supplies</b>	
Drum:	OPC – Estimated Yield: 55,000 Impressions
Duty Cycle:	150,000 Impressions Per Month

**ACCESSORIES**

**Automatic Document Feeder (DADF-A1)**

Acceptable Originals:	Statement to Ledger
Capacity:	50 Sheets (Letter/20 lb.)
Max. Paper Weight:	Up to 28 lb.

**Automatic Document Feeder (DADF-B1)**

Acceptable Originals:	Statement to Ledger
Capacity:	30 Sheets
Max. Paper Weight:	Up to 28 lb.

**Cassette Feeding Units**

Number of Cassettes:	Two or Four Cassettes
Paper Capacity:	1,000 or 2,000 Sheets (Statement to Ledger)
Paper Weights:	Up to 22 lb. Bond

**Paper Deck-B1**

Paper Capacity:	3,500 Sheets (Letter)
Paper Weights:	Up to 22 lb. Bond

**Stapler Stacker Finisher-E1**

Number of Trays:	One Tray
Tray Capacity:	1,000 Sheets (Letter)
Staple Position/ Capacity:	Top Corner/30 Sheets

**Multiposition Auto Stapler-C1**

Number of Trays:	Four Trays, Including Interrupt Tray
Tray Capacity	
Top Tray:	300 Sheets (Letter)
Middle Tray:	750 Sheets (Letter)
Lower Tray:	200 Sheets (Letter)
Staple Positions:	Multiposition Stapling (1) Top Corner; (2) Side Margin
Stapling Capacity:	50 Sheets

**Saddle-stitch Finisher-C2**

Number of Trays:	Five Trays, including Interrupt and Saddle-stitch Trays
Tray Capacity	
Top Tray:	300 Sheets (Letter)

Middle Tray:	750 Sheets (Letter)
Lower Tray:	200 Sheets (Letter)
Saddle-stitch Tray:	300 Sheets
Staple Positions:	Multiposition Stapling (1) Top Corner; (2) Side Margin; (3) Saddle-stitch
Stapling Capacity:	50 Sheets (Saddle-stitch: 15 Sheets)
Saddle-stitch Specifications	
Total Sides Imaged:	60 Total Sides (15 Sheets)
Total Sets:	10 Total Sets
Folding:	V-folding Standard
<b>Network Print Controller</b>	
Type:	Embedded Print/Network
Processor:	Pentium® III 500MHz
RAM:	128MB
PDL Support:	Adobe PostScript 3 – PCL 5e, PCL 6
PostScript Fonts:	136 TrueType®
PCL Fonts:	80 Fonts, 32 Resident and Bar-code Fonts
Hard Disk:	10GB
Optimized Features:	Continuous Print™ RIP-While-Print®
Printer Interface	
Ports:	Bi-Directional Centronics
Topology:	Ethernet Token Ring (Optional)
Speed:	10/100 Mbps Ethernet 4/16 Mbps Token Ring
Protocols Supported	
Ethernet:	TCP/IP, IPX/SPX, EtherTalk®
Token Ring:	TCP/IP, IPX/SPX
Network Interface Connections	
Ethernet:	10/100Base-TX (RJ-45), 10Base-5 RJ-45, DB-9
Token Ring:	

Additional options, including faxing and scanning, are available. Please contact your local Canon-authorized Dealer for details.

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