

# Aficio®

## 2035 & 2045

Drive Office Productivity ...  
to New Heights



SCAN  
COPY  
MANAGE  
FAX  
PRINT



**RICOH®**

Your next generation total office solution.

2035 & 2045

**T**he Aficio 2035 & 2045 are the cornerstones of any successful office operation or workgroup environment for document production and distribution.

Featuring superior **600 dpi image quality at 35/45 pages-per-minute**, the Aficio 2035 & 2045 offer unmatched versatility in a compact design. When it comes to finishing, choose from **three finishing options** to meet your specific needs, including multi-position stapling, hole punching, or even saddle-stitch booklet finishing.

Connecting the Aficio 2035 & 2045 to your network enables you to get the most from your investment. As a printer, users have complete access to all imaging and document finishing on the Aficio 2035 & 2045.

Looking for faster and more cost-effective ways to distribute paper-based documents? By using the scanning capability of the Aficio 2035 & 2045, you can digitize your paper documents for electronic distribution.

Add the Fax option and configure the Aficio 2035 & 2045 with up to three G3 lines for simultaneous fax transmission and reception.



**Streamline workflow.  
Reduce costs. Speed  
information distribution.  
Manage system status  
remotely. Do it all at one  
device and drive your  
office productivity to new  
heights with the Ricoh  
Aficio 2035 & 2045.**

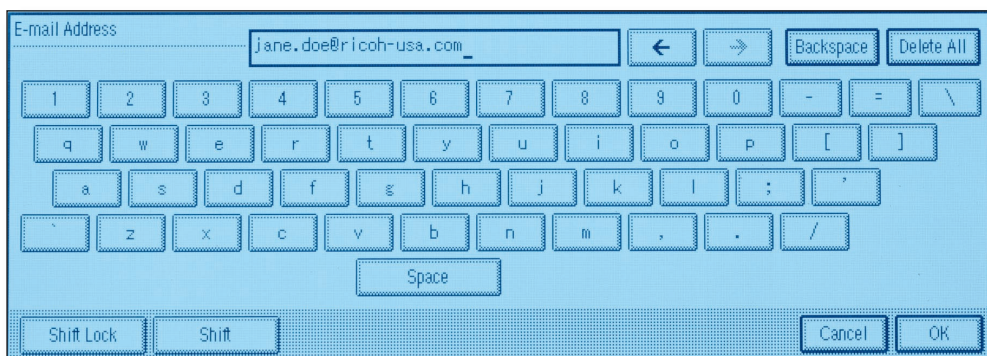


## Server-less Scanning

Paper documents are efficiently scanned at speeds of up to 49 pages per minute at 200 dpi. Once captured, images are temporarily stored in the system's standard 20 GB Document Server, and then sent directly to programmed destinations. This innovative server-less model eliminates the need to dedicate a PC to act as a server for scanned images while saving space, money, and allowing you to allocate computer resources elsewhere within your organization.

- Execute pull scanning tasks with a TWAIN-compliant driver installed on a user's PC.
- Embedded Scan to E-mail capabilities.
- Every user has complete control over scan settings such as resolution, original size and type, image density, and destination(s) for every job.
- Support for a wide selection of industry standard file formats including TIFF, TIFF-F, Multi-page TIFF, PDF, and JPEG ensures digitized documents can always be opened and read by recipients.

Use the Aficio  
2035 & 2045  
to scan hardcopy  
originals to e-mail.



▲ **Send digital files instantly and at no cost:** Send E-mails up to 500 recipients at network speed. Enter a subject up to 20 characters using the QWERTY keyboard that appears on the LCD panel.

Programming E-mail addresses is accomplished directly at the control panel. The 20 GB Document Server offers an Address Book that stores up to 2,000 E-mail addresses right at the system.

- Address Book maintenance is performed either at the control panel or via SmartNetMonitor or Web Image Monitor utilities.
- Add new individual or group E-mail addresses, edit or delete existing addresses, export data stored on the Document Server for back-up purposes, or duplicate address book data to populate other machines without rekeying.



SCANNING  
NETWORK SCANNING

# 2035 2045

COPYING



**The Aficio 2035 & 2045  
provide workgroups  
with a complete digital  
copying system with  
full document finishing.**

In any configuration, the Aficio 2035 & 2045 bring powerful copying capabilities to your office, including:

- Scan Once, Print Many with 64 MB RAM standard (expandable to 320 MB).
- Fast and easy job programming—intuitive control panel design.
- One-touch operation with customizable shortcut keys.
- Automatic Paper Selection and Tray Switching, Automatic Exposure, Automatic Zoom, and Duplexing for up to 999 sets.
- Stamping and Numbering features to add digital data to copy sets.
- An 80-sheet ARDF to efficiently process one- or two-sided originals up to 11" x 17".



Dual 500-sheet paper trays and a 50-sheet bypass tray provide 1,050 sheets of standard paper capacity. The Aficio 2035 & 2045 deliver greater media flexibility through:

- User adjustable paper trays (5.5" x 8.5" to 11" x 17").
- Total paper supply of 3,550 sheets with PS530 paper bank and large capacity tray.
- Standard Automatic Duplexing.

◀ **Versatile 6-way paper supply:** Keep up to 3,550 sheets on-line at all times to handle the varying copy jobs performed by users throughout the business day.

When it's time to finish the job, Ricoh offers a broad spectrum of output options to meet your needs and budget:

- Separate copies from printed or faxed pages with the One-bin Tray.
- Add offset stacking and 50-sheet three-position stapling with the 1,000-sheet Finisher (SR790).
- Multi-tray Finisher (SR880) brings multi-position stapling and optional hole-punching to every user.
- Booklet Finisher (SR890) provides capabilities once reserved to commercial printers.

**Complete in-house document production:** ▶

Choose one of three finishers to stack, staple, and punch output sets; even create professional saddle-stitched and folded booklets up to 60 pages.





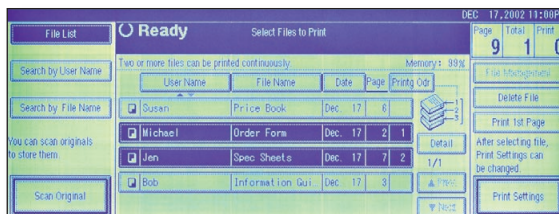
**Easily search and retrieve a specific document to re-print, re-fax, re-send or download to your computer for editing from the document server.**

- Store up to 3,000 documents or up to 9,000 pages on the Document Server.
- Print, edit, or delete archived documents at your convenience with complete access to all copier/printer functions, such as duplexing and finishing.
- Search and retrieve documents at the control panel, or by launching Ricoh's Web Image Monitor software using a standard Web browser at a connected PC.

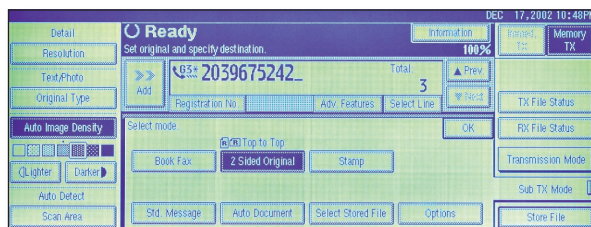
Once scanned, documents can be stored in the system's standard 20 GB Document Server for archival or later print-on-demand purposes.

- Conduct quick searches by file or user name, and then print or download them to the desktop using Ricoh's Web Image Monitor.
- View thumbnails of stored images for easy identification.

**Document archival and retrieval:** Leverage the power of the 20 GB Document Server to act as an on-site virtual document library. ▼



**Add the Fax Option to the Aficio 2035 & 2045 and increase versatility and value.**



The Type 2045 Fax Option has all of the standard fax features and more for simple operation, convenience, and productivity.

- Scan one- or two-sided multi-page originals as large as 11" x 17" through the ARDF.
- Increase your fax capabilities with multiple Super G3 fax lines at your disposal for simultaneous transmission and reception.
- Install Ricoh's JBIG Transmission Option, featuring an ITU-approved compression scheme that crunches file sizes to their absolute minimums, and reduce transmission times to 2 seconds per page.
- Standard complement of 500 Quick Dial locations with a maximum of 2,000.



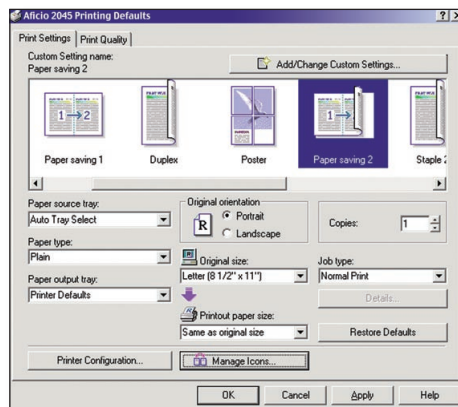


# 2035 2045

PRINTING

**Increase the functionality of the Aficio 2035 & 2045 with network connectivity.**

## Typical LAN Configuration



**▲ Intuitive drivers make printing easy:**  
Graphic drivers supporting PCL 5e/6 emulation, Adobe PostScript 3, and Ricoh's RPCS put total control at connected users' fingertips.

As a networked printer, every connected user has remote access to all paper supplies and full finishing capabilities. Now, the workgroup user can:

- Print every page with true 600 x 600 dpi resolution—every set is a digital original.
- Print duplex documents at the same level of output performance as simplex printing.
- Print using a choice of genuine Adobe PostScript 3, PCL 5e/6, or...
- Make printing even easier with Ricoh's Refined Print Command Stream (RPCS), an icon-based page description language and driver that simplifies printing setup.

The print controller is configured with a 300 MHz CPU, 192 MB RAM, and a 20 GB hard disk drive to drive the Aficio 2035 & 2045 at the maximum speed and accept jobs from multiple workstations on the network without delay. Network connectivity is easy with a choice of:

- Standard 10/100 BaseT Ethernet interface for network-wide printing.
- Standard IEEE 1284 Parallel interface for 1:1 printing.
- Optional USB 2.0 and IEEE 1394 interfaces for high-speed data transfer using the latest networking technologies.
- Optional IEEE 802.11b and Bluetooth wireless connectivity to free users from cables and offer the flexibility to print from virtually anywhere in the office.

What's more, connected users can manage print jobs and the entire system right from the desktop. All you need is the printer's IP address and Ricoh's **SmartNetMonitor** software installed on a networked PC to monitor and manage the Aficio 2035 & 2045.

**Real-time access to real-time information:** ▶ Ricoh's SmartNetMonitor utility constantly informs users as to the system status and system capabilities right from your desktop.

Address	Model Name	Name	Printer Status	Copier Status	Fax Status	Scanner Status
172.16.35.23	Aficio 2045	Aficio 2045	Ready	Ready	Ready	Ready
172.16.35.28	Aficio 1060	RNP621A9F	Energy Sav...	Energy Se...	Energy...	Energy Saver Mode
172.16.35.29	Aficio 850 EB-105	Aficio 850 EB-105	Ready	Ready	Ready	Ready
172.16.35.31	E-710	Color Controller E-710	Ready	Ready	Ready	Ready
172.16.35.32	COLOR_AP204	NJWCMMGAP204_PS	Ready	Ready	Ready	Ready
172.16.35.34	H3067220B	H3067220D 1.3.6	Ready	Ready	Ready	Ready
172.16.35.35	RICOH LASER AP2000	NJWCIPGFX5000L_PS	Ready	Ready	Ready	Ready
172.16.35.38	Aficio AP2700	AP2700_CMG003_PS	Ready	Ready	Ready	Ready
172.16.35.42	H5357200	H5357230A 2.1.5	Ready	Ready	Ready	Ready
172.16.35.43	COLOR_AP305	NJWCCTSC_AP305_PS	Ready	Ready	Ready	Ready
172.16.35.44	Aficio AP3800C	RNP6AB42D	Alert	Ready	Ready	Ready
172.16.35.45	H3067220D	H3067230E 1.3.7	Ready	Ready	Ready	Ready
172.16.35.46	COLOR_AP306D	AP306D_WFM_PS	Ready	Ready	Ready	Ready
172.16.35.49	COLOR_AP306D	AP306D_MKTDEV	Ready	Ready	Ready	Ready
172.16.35.228	COLOR_AP305	AP305_WATSON_PS	Ready	Ready	Ready	Ready

# A F I C I O

# 2035 & 2045

## Engine/Copier Specifications

Configuration:	Console
Scanning Element:	Flatbed with Moving CCD Array Image Sensor
Printing Process:	Twin Laser Beam Scanning & Electrophotographic printing
Toner:	Dry, Dual Component
System Memory (Std./Max.):	64/320 MB RAM
Hard Disk Drive	20 GB
Copy Resolution:	600 x 600 dpi
Grayscale:	256 levels
Exposure Adjustment:	Manual & Automatic
Quantity Indicator:	1 to 999
Original Type:	Book/Sheet
Maximum Original Size:	Up to 11" x 17"
Copy Size:	5.5" x 8.5" to 11" x 17"
Copy Type:	Plain Paper, Transparencies
Warm-up Time:	Aficio 2035: 15 seconds Aficio 2045: 20 seconds
First Copy Speed:	Aficio 2035: 4.5 seconds Aficio 2045: 3.6 seconds
Continuous Copying Speed:	Aficio 2035: 35 copies/minute (LTR) Aficio 2045: 45 copies/minute (LTR)
Recovery Time (from Auto Off):	Aficio 2035: 10 seconds Aficio 2045: 15 seconds
Power Source:	120V/60Hz/15A
Dimensions (WxDxH):	23.6" x 25.6" x 28.3" (760 x 650 x 870mm)
Weight:	200 lb. (91.0kg) w/ARDF
Standard Paper Capacity:	500 sheets x 2 trays 50-sheet Bypass tray
Optional Paper Capacity:	500 sheets x 2 trays 1,500-sheet Large Capacity Tray (LCT)
Paper Size:	5.5" x 8.5" to 11" x 17"/A6 to A3
Paper Weight:	16 to 28 lb. Bond/60 to 105g/m <sup>2</sup> (Trays 1, 2) 16 to 44 lb. Bond/60 to 163g/m <sup>2</sup> (Bypass) 16 to 28 lb. Bond/60 to 105g/m <sup>2</sup> (Duplex)
Reduction Ratios:	25%, 50%, 65%, 73%, 78%, 85%, 93%
Enlargement Ratios:	121%, 129%, 155%, 200%, 400%
Zoom:	25% to 400% in 1% increments

## Printer Specifications

Print Speed:	Aficio 2035: 35 ppm Aficio 2045: 45 ppm
CPU:	RM7065A 300 MHz
Standard Interfaces:	10/100 Base TX IEEE 1284 Parallel
Optional Interfaces:	IEEE 802.11b Wireless LAN Bluetooth IEEE 1394 USB 2.0
Network Protocol:	TCP/IP, IPX/SPX, SMB, AppleTalk
Utilities:	SmartNetMonitor
Page Description Languages:	PCL 5e/6 emulation Ricoh RPCS Adobe PostScript 3 (optional)
Print Resolution:	PCL 5e/6: 300 dpi, 600 dpi PS3: 300 dpi, 600 dpi RPCS: 200 dpi, 300 dpi, 600 dpi
Grayscale:	256 Levels
Fonts for PCL 5e/6:	35 Intellifonts, 10 TrueType Fonts, 1 Bitmap
Fonts for PS3:	136 PostScript Fonts
Drivers for PCL 5e/6, RPCS:	Windows 9x, Me, NT4.0, 2000
Drivers for PS3:	Windows 9x, Me, NT4.0, 2000, Macintosh 8.6 - OS X

## Scanner Specifications

Scanning Speed:	ScanRouter: 49 ipm (@ 200 dpi) TWAIN Driver: 36 ipm (@ 200 dpi)
Scanning Resolution:	600 dpi
Grayscale:	256 Levels
Scan Area:	11" x 17"
Interface:	10/100 BaseTX IEEE 1394 (optional) IEEE 802.11b Wireless LAN (optional)
Protocol:	TCP/IP
Memory Capacity:	320 MB
Software Driver:	ScanRouter

## Fax Specifications (EDP 411347)

Circuit:	PSDN, PBX
Number of Lines:	One Maximum of three with options
Compatibility:	ITU-T (ITU) G3
Resolution:	200 x 200/100 dpi 400 x 400 dpi (Optional)
Compression Method:	MH, MR, MMR JBIG (Optional)
Scanning Speed:	0.30 seconds (LEF)
Modem Speed:	33.6 Kbps with Auto Fallback
Transmission Speed:	G3: 3.0 seconds per page (without JBIG) G3: 2.0 seconds per page (with JBIG)
Memory:	4 MB standard, 28 MB maximum
Memory Backup:	1 hour
Quick Dials:	500
Speed Dials:	100 (up to 1,200 or 2,000 with optional memory)
Group Dials:	100 (max. 500 numbers per group)
ID Code Programming:	8 digits
User Function Key:	4 keys
Auto Document:	6 documents (18 documents with optional memory)
User Codes:	100 (500 with optional memory)

## PS530 Paper Bank (EDP 411336)

Paper Size:	5.5" x 8.5" to 11" x 17"/A5 to A3
Paper Weight:	16 to 28 lb. Bond/60 to 105g/m <sup>2</sup>
Paper Capacity:	2 x 500-sheets

## Large Capacity Tray LCT RT45 (EDP 411339)

Paper Size:	8.5" x 11"/A4
Paper Weight:	16 to 28 lb. Bond/60 to 105g/m <sup>2</sup>
Paper Capacity:	1,500-sheets

## One Bin Tray PT330 (EDP 411342)

Paper Size:	5.5" x 8.5" to 11" x 17"/A5 to A3
Paper Weight:	16 to 28 lb. Bond/60 to 105g/m <sup>2</sup>
Paper Capacity:	125 sheets

## SR790 Finisher 1000 (EDP 410972)

Paper Size:	5.5" x 8.5" to 11" x 17"/A6 to A3
Paper Weight:	16 to 42 lb. Bond/55 to 157g/m <sup>2</sup>
Stack Capacity:	Proof Tray: 250 sheets Shift Tray: 1,000 sheets (8.5" x 11" or smaller) 500 sheets (8.5" x 14" or larger)
Staple Capacity:	50 sheets 30 sheets (8.5" x 14" or larger)
Staple Position:	3 positions (1 staple/2 positions; 2 staples/1 position)

## SR880 Multi-Tray Finisher (EDP 411563)

Paper Size:	5.5" x 8.5" to 11" x 17"/A6 to A3
Paper Weight:	14 to 43 lb. Bond/52 to 163g/m <sup>2</sup>
Stack Capacity:	Upper Tray: 500 sheets Lower Tray: 2,000 sheets
Staple Capacity:	50 sheets 30 sheets (8.5" x 11" or smaller) (8.5" x 14" or larger)
Staple Position:	4 positions (1 staple/3 positions; 2 staples/1 position)

## SR890 Booklet Finisher (EDP 411334)

Paper Size:	5.5" x 8.5" to 11" x 17"/A5 to A3
Paper Weight:	14 to 43 lb. Bond/52 to 163g/m <sup>2</sup>
Stack Capacity:	Upper Tray: 150 sheets Lower Tray: 1,000 sheets
Staple Capacity:	50 sheets 30 sheets (8.5" x 11" or smaller) (8.5" x 14" or larger)
Booklet Tray Capacity:	10 sets (11 to 15 sheets) 15 sets (6 to 10 sheets) 25 sets (less than 5 sheets)
Booklet Staple Capacity:	15 sheets
Booklet Staple Position:	4 positions (1 staple/2 positions; 2 staples/2 positions; plus saddle stitch)

## 2/3 Hole Punch Kit (EDP 410785)

Paper Weight:	14 to 43 lb. Bond/52 to 163g/m <sup>2</sup>
Application:	For SR880 Multi-Tray Finisher only

## Type 2045 S/P Kit (EDP 411486)

## Adobe PostScript 3 (EDP 411376)

## IEEE 1394 Interface Board Type 4510 (EDP 400745)

Included Cables:	2.0m 6-pin to 6-pin cable 2.0m 6-pin to 4-pin cable
Hardware Specifications:	6 pins; 2 ports available
Data Transmissions Speeds:	400/200/100 Mbps
System Requirements:	Windows Professional/Server with Service Pack 1; Windows XP for IP over IEEE 1394 (TCP/IP protocol)

## USB 2.0 Interface Board Type A (EDP 411237)

Data Transmissions Speeds:	480 Mbps (USB 2.0) 12 Mbps (Full speed mode)
Supported OS:	USB 1.1: Windows 98SE/2000/Me/XP, Mac OS 9.x/X classic mode USB 2.0: Windows XP/2000

## IEEE 802.11b Wireless LAN Interface (EDP 405412)

Data Transmissions Speeds:	1/2/5.5/11 Mbps
Protocol:	TCP/IP, IPX/SPX, SMB, AppleTalk
Connection Types:	Ad Hoc mode Infrastructure mode
Distance Between Devices:	151 to 1,300 feet (140 to 400 meters)

## Bluetooth Interface Type 2045 (EDP 411377)

Data Transmissions Speeds:	1 Mbps
Supported OS:	Windows XP/2000/98SE/Me (dependent on Bluetooth Card)
Distance Between Devices:	33 feet (10 meters)

## Aficio 2035 (EDP 411482)

## Aficio 2045 (EDP 411483)

## Aficio 2035 S/P (EDP 411484)




## Aficio 2045 S/P (EDP 411485)

Print speed may be affected by network, application or PC performance. Specifications and external appearances are subject to change without notice. Products are shown with optional features. For maximum performance and yield, we recommend using genuine Ricoh parts and supplies.

# 2035 & 2045

# SPECIFICATIONS

### Configured to Meet Your Needs ...

Aficio 2035 & 2045 with 1,000-Sheet Finisher	Aficio 2035 & 2045 with Multi-Tray Finisher	Aficio 2035 & 2045 with Booklet Finisher
		
<b>Standard Components</b> <ul style="list-style-type: none"> <li>■ ARDF</li> <li>■ Auto-Duplexing</li> <li>■ 50-Sheet Bypass Tray</li> <li>■ 2 x 500-Sheet Trays</li> <li>■ 500-Sheet Output Tray</li> <li>■ 64 MB RAM</li> <li>■ 20 GB HDD</li> </ul> <b>Optional Components</b> <ul style="list-style-type: none"> <li>■ 2 x 500-Sheet Tray</li> <li>■ One-Bin Tray</li> <li>■ Bridge Unit</li> <li>■ SR790 1,000-Sheet Finisher</li> </ul>	<b>Standard Components</b> <ul style="list-style-type: none"> <li>■ ARDF</li> <li>■ Auto-Duplexing</li> <li>■ 50-Sheet Bypass Tray</li> <li>■ 2 x 500-Sheet Trays</li> <li>■ 500-Sheet Output Tray</li> <li>■ 64 MB RAM</li> <li>■ 20 GB HDD</li> </ul> <b>Optional Components</b> <ul style="list-style-type: none"> <li>■ 2 x 500-Sheet Tray</li> <li>■ 1,500-Sheet LCT</li> <li>■ Bridge Unit</li> <li>■ SR880 Multi-Tray Finisher</li> </ul>	<b>Standard Components</b> <ul style="list-style-type: none"> <li>■ ARDF</li> <li>■ Auto-Duplexing</li> <li>■ 50-Sheet Bypass Tray</li> <li>■ 2 x 500-Sheet Trays</li> <li>■ 500-Sheet Output Tray</li> <li>■ 64 MB RAM</li> <li>■ 20 GB HDD</li> </ul> <b>Optional Components</b> <ul style="list-style-type: none"> <li>■ 2 x 500-Sheet Tray</li> <li>■ 1,500-Sheet LCT</li> <li>■ One-Bin Tray</li> <li>■ Bridge Unit</li> <li>■ SR890 Booklet Finisher</li> </ul>

#### Scanner/Printer Configuration Includes

- 192 MB RAM
- PCL 5e/6 Emulation Drivers
- Ricoh RPCS Driver
- 10/100 Base T
- Parallel Port
- ScanRouter Lite
- DeskTopBinder Lite

#### Available Options Not Shown

- Adobe PostScript 3
- USB 2.0 Interface
- 2/3 Hole Punch Kit for SR880
- IEEE 1394 Interface
- Bluetooth Interface
- IEEE 802.11b Wireless LAN Interface
- Fax Option

## RICOH®

### Image Communication

Ricoh Corporation, Five Dedrick Place, West Caldwell, NJ 07006  
Phone: (973) 882-2000 • Web Site: <http://www.ricoh-usa.com>



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EPA 2000 Labeling Partner of the Year

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Ricoh Company, Ltd. has been granted a certificate of ISO 14000, which is the International Standard for Quality Systems.

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