

Aficio®

SOLUTIONS



PRINTCABINET
Powered by PCSM

**Total Print
Management**

RICOH®

The RICOH® PrintCabinet Reduces Hardcopy Costs

Here's a fact that might surprise you: most businesses have no idea what their actual hardcopy output costs are. But that's about to change thanks to Ricoh's revolutionary PrintCabinet Powered by Aficio® Printer Cost & Security Manager (PCSM).

A unique and compact network appliance that seamlessly integrates into your document workflow, PrintCabinet ensures that your printing experience is cost-effective, productive and secure...

- ▶ Access a variety of reports — by user, department and more — and quickly see what work is being done and by whom.
- ▶ Gain peace of mind with the knowledge that all print activity can be secured.
- ▶ Job transactional data can easily be backed-up and restored.
- ▶ Balance your document workflow across printer groups and virtually eliminate printer gridlock.

PrintCabinet is the perfect solution for businesses ready to tackle the challenges of hardcopy cost recovery and print management. From installation to support and service, PrintCabinet takes the mystery out of where your printing and copy dollars are really going.

Do it Yourself

Featuring a slick, self-contained design, PrintCabinet requires limited technical expertise to install and operate. If you can plug in a cable and turn on a switch, you're on the road to hard copy fiscal responsibility!

- ▶ No access licenses — because PrintCabinet is an appliance, you'll save plenty thanks to Web configuration/management and the elimination of typical per-server/seat license charges.
- ▶ Pre-loaded Ricoh print drivers ensure out-of-the-box performance — eliminating the need to manually load print drivers. Non-Ricoh print drivers are also supported.
- ▶ Monitor and manage all network print activity — Windows and UNIX — from anywhere you have Internet access. PrintCabinet's comprehensive Web interface allows you to quickly identify problems, add or remove devices as needed, access online support and diagnostics, and obtain current software upgrades.



Ricoh's PrintCabinet, powered by PCSM, is the turnkey appliance that manages network printing, copy costs and security.

Powered by Printer Cost

STATUS OF DEVICES					
Device	Status	Documents	Total size	Queue age	SNMP Monitoring
Ricoh Aficio 3230C		0			view errors
HP LaserJet 5500		0			view errors
Lexmark x7500 MFP		0			view errors
Ricoh Aficio 3305		1	3 KB	1 hour	view errors
Ricoh Aficio CL7000		2	744 KB	1 hour	view errors
Ricoh Aficio 2305	paused	7	30 MB	2 hours	view errors
Ricoh Aficio 2090		5	15 MB	3 hours	view errors
Ricoh Aficio 3060		0			view errors

View status of all print devices on the network.



Easily Manage Print and Copy Devices

With a dedicated PrintCabinet Appliance(s) as an integral part of your network printing strategy, you'll optimize the entire network printing process, leverage existing enterprise technology – including dedicated and multifunctional printers – and save a bundle on printing costs. And, with PrintCabinet in charge of your printing environment, your IT staff spends less time on printing-related issues, which frees valuable resources for more important network management tasks.

Enhanced Printing Productivity

Replacing your general print server(s) with a PrintCabinet Appliance(s) facilitates a localized print model, which enables you to off-load printing from general servers. With PrintCabinet you'll enjoy...

- Enhanced printing performance due to the elimination of competing network requests, applications and bandwidth issues; it's easy to employ multiple PrintCabinets within different network segments to further reduce LAN/WAN traffic.
- Simplified setup, management and maintenance thanks to a closed and contained system design. Plus, Web-based monitoring allows local or remote troubleshooting directly from a workstation.
- Convenient management of print queues, plus the ability to identify printer errors and receive live error messages via SNMP Error Monitoring.

QUEUE DETAILS FOR RICOH AFICIO 1060

Document	Owner	Status	Pages	Time	Size
Microsoft PowerPoint - Ri...	printcabinetadmin		2	10-01-2003	5 MB
Microsoft Word - PCSM 2.5...	printcabinetadmin		33	10-01-2003	3 MB
Microsoft Word - ACM Trou...	printcabinetadmin		3	10-01-2003	10 KB
Aficio Count Manager Admi...	printcabinetadmin		13	10-01-2003	493 KB
Microsoft Word - January ...	printcabinetadmin		2	10-01-2003	28 KB
Microsoft PowerPoint - Su...	printcabinetadmin		18	10-01-2003	6 MB
VISIONBrochure1.pdf	printcabinetadmin		36	10-01-2003	13 MB

Check queue details for real-time management of your print jobs.

- Built-in Backup/Restore function allows you to quickly move configuration, drivers and databases to another PrintCabinet in just minutes.
- Localized print model that eliminates a single point of failure.

Identify Printing Challenges... Optimize Cost Saving Opportunities

Because every printing environment is unique, numerous variables – including the number of output devices, individual throughput capabilities, type and size of print jobs, network bandwidth and more – affect actual printing performance. With PrintCabinet, your IT staff or office manager has access to a wealth of historical analysis reports, which facilitates proactive print management.

Print & Security Manager

Streamline Data Collection

Ricoh's innovative Aficio Counter Manager (ACM) provides detailed and accurate meter readings of most connected Aficio output devices. This eliminates the time consuming and costly task of manually reading meters. ACM offers a wealth of management capabilities:

- ▶ Tight integration with PrintCabinet and most Aficio devices allows you to track actual device details — i.e., model number, IP address, serial number, device location, print/copy/fax receptions and total meter counts.
- ▶ Access to Aficio usage history — from installation or user-specified dates.
- ▶ Scheduled meter readings — even remote readings — whenever desired.
- ▶ Comprehensive device analysis via customized report formats, which can be printed.

Security For Confidential Printing

Don't worry about private information falling into the wrong hands. The addition of PrintCabinet's Plus Package and PageCounter 100 includes support for Secure Document Release (SDR). Confidential documents can then be securely released to network print devices.

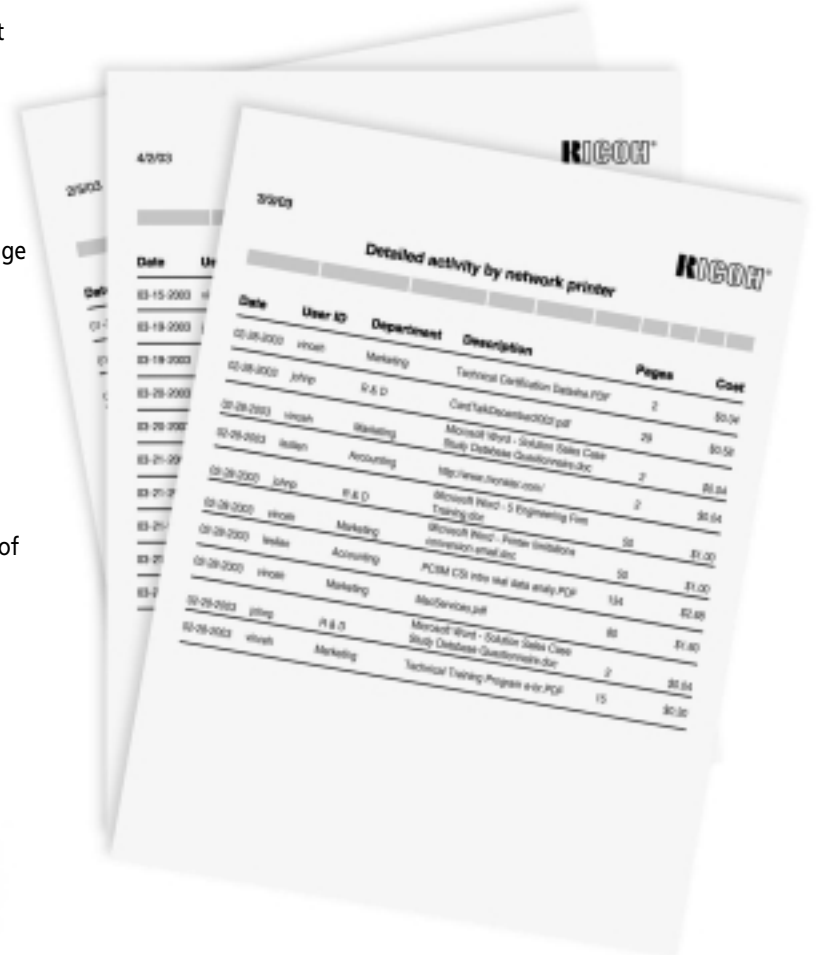
Walk-Up Copy Control

Manage all of your walk-up copy activity. The optional Plus Package and PageCounter 100 provides restriction of unauthorized usage and seamlessly tracks copy volume.

Upgrade With Plus Package

As your business grows, so will PrintCabinet. The Plus Package option provides a wealth of valuable features designed to enhance workflow productivity.

- ▶ Support for PageCounter 100.
- ▶ Tighten document security with Secure Document Release.
- ▶ Distribute the printer workload across groups of network printing devices for uninterrupted print production.
- ▶ Redirect print jobs to another printer in the event a targeted printer is unavailable or fails.
- ▶ Support for Novell NetWare, which allows PrintCabinet to capture print queues residing on Novell print servers then route them to PrintCabinet.



The image shows several overlapping printed reports. The most prominent report is titled "Detailed activity by network printer" and contains a table with the following data:

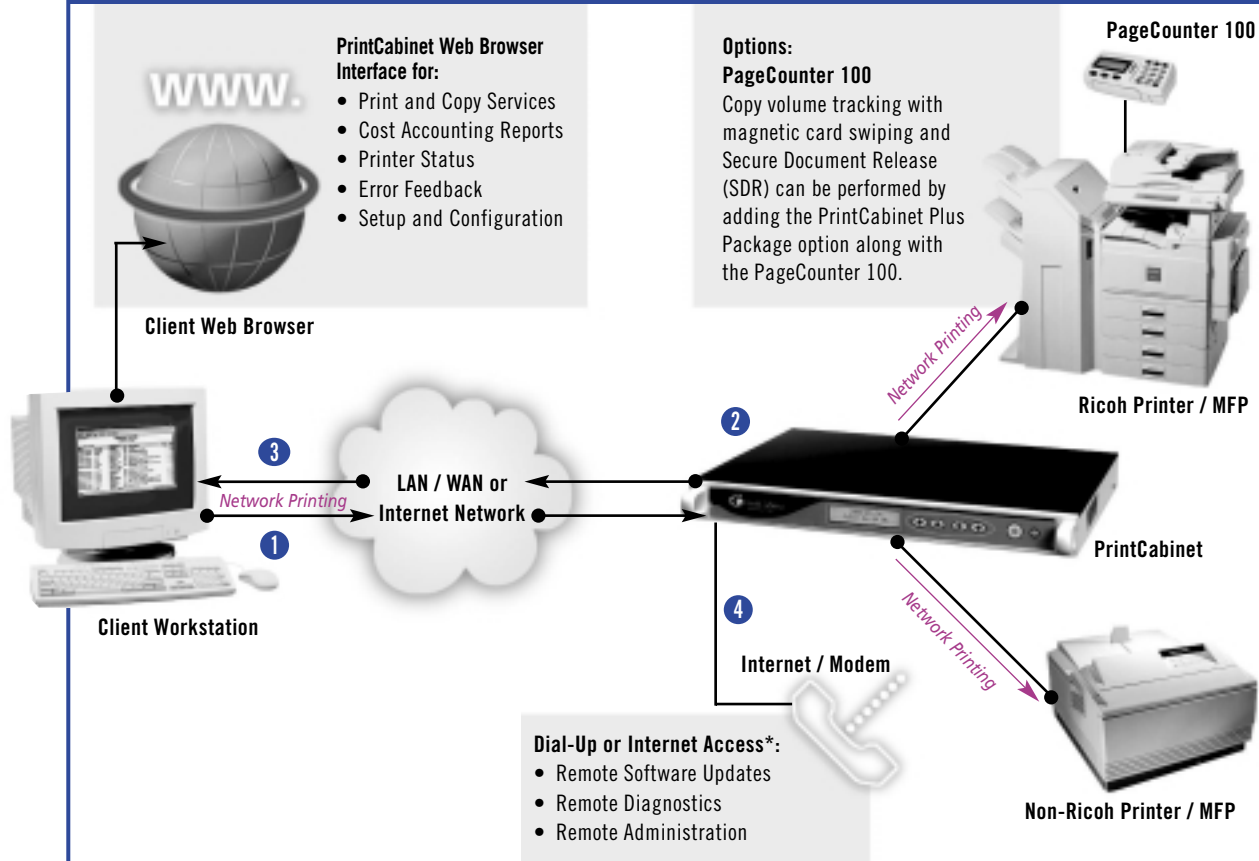
Date	User ID	Department	Description	Pages	Cost
02-08-2000	vrcost	Marketing	Technical Certification Database PDF	2	\$0.04
02-08-2000	johnp	R & D	CardTskDocentw0001.pdf		
02-08-2000	vrcost	Marketing	Microsoft Word - Solution Sales Case Study Database-Questions.doc	29	\$0.58
02-08-2000	lstein	Accounting	http://www.ricoh.com/	2	\$0.04
02-08-2000	johnp	R & D	Microsoft Word - S Engineering Firm Training.doc	2	\$0.04
02-08-2000	vrcost	Marketing	Microsoft Word - Foster Invitations invitation_email.doc	50	\$1.00
02-08-2000	vrcost	Marketing	PCBM CSI Intro Mail Data_email.PDF	50	\$1.00
02-08-2000	johnp	R & D	MacServices.pdf	134	\$2.68
02-08-2000	vrcost	Marketing	Microsoft Word - Solution Sales Case Study Database-Questions.doc	29	\$0.58
02-08-2000	vrcost	Marketing	Technical Training Program v.doc.PDF	15	\$0.30



PageCounter 100

With PrintCabinet all activity is stored and available in many customized reports.

PrintCabinet Workflow



1 Clients print documents to shared print queues on the PrintCabinet. Jobs are then spooled to the designated print device.

2 PrintCabinet hosts and manages network print queues. Job transactional data is tracked and stored. Accounting reports can be exported or displayed from a client Web browser.

3 A client Web browser is used for secure access to the PrintCabinet. Connection can be established via LAN/WAN or via the Internet.

4 Secure Internet access or a dial-up connection can be established to provide software updates, remote diagnostics or remote administration.
 *Modem not provided

PRINTCABINET POWERED BY PRINTER COST & SECURITY MANAGER

SPECIFICATIONS

User Interface: Browser-based (HTML and JavaScript)

PHYSICAL HARDWARE

External Connections: RJ45 10/100base-T Ethernet, DB9 serial (for external modem)

Display: 2 x 20 character LCD

Keys: Six membrane keys: Up, Down, Left, Right, OK, Cancel

Central processor: 1.7 GHz

Memory: 256 MB

Hard disk: 60 GB (50 GB available for spooling)

Case: 1U rackmount

Dimensions: 17.4" W x 12.7" D x 2.5" H

Weight: 10.1 lb

Power Requirement: 120-240V, 50-60 Hz

NETWORKING

Supported network clients: TCP/IP (Windows 95, 98, Me, NT 4.0, 2000, XP), IPX/SPX (Netware PSERVER), LPR (UNIX, AS/400, mainframe)

Point-and-print support: Windows 95, 98, Me, NT 4.0, 2000, XP

Supported printer connections: All Aficio models, All LPR-enabled network printers

MANAGEMENT TOOLS

Embedded Web server: Yes

Supported browsers: Microsoft Internet Explorer 5.0 or later



The PrintCabinet can be easily installed on a desktop or rack-mounted in a network cabinet.

A TOTAL PRINTING SOLUTION PACKAGE

Ricoh is dedicated to providing one-stop shopping for our customers. With the addition of PrintCabinet, users can now benefit from a complete turnkey printing solution. Whether your network output needs range from 10-105 pages-per-minute in black and white or color, Ricoh has the imaging solution you require. For more information, contact an authorized reseller today.



Printed in U.S.A. on recycled paper because Ricoh cares.

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RICOH®
Image Communication

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