

Aficio®

# SOLUTIONS



## PRINTER COST & SECURITY MANAGER

Now including ▶

**AFICIO  
COUNTER  
MANAGER**

**Total Cost  
Of Ownership  
Software**

**RICOH®**

## Fiscal Responsibility for Hardcopy Output

Could you tell someone in 30 seconds or less how much you're really paying for prints and copies? How about faxes? If you had the RICOH® Aficio® Printer Cost & Security Manager (PCSM) with Aficio Counter Manager (ACM), you'd know to the penny—and you'd probably be surprised at what your actual costs are. Why? Because in today's enterprise network environments, unrestricted access to printers, multifunctional devices, the Internet and intranets have combined to create explosive hardcopy growth. Left uncharted, operating costs quickly spiral out of control; so accurate accounting is central to a successful document management strategy.

PCSM is a distributed and scalable printing management tool for most network operating systems—whether that network has 10 workstations or 10,000. PCSM consists of a basic accounting module, PAS (Printer Accounting Server) and one add-on module for secure printing (Secure Document Release)—enabling you to manage all network printing, desktop printing and copying output.

- ▶ Track color and black and white output, simplex and duplex output and finishing.
- ▶ Obtain accurate page counts and use this information for resource allocation.
- ▶ Ensure document security with the PCSM secure printing modules.

With PCSM, managing your hardcopy output costs becomes a simple, straightforward task—and not just a shot in the dark.

### Centralized Control

Seamless integration with the Windows NT/2000 and Novell NetWare Print Servers translates to a solution that is reliable, flexible and cost-effective. PCSM benefits include:

- ▶ A distributed and scalable printer management tool for most network operating systems.
- ▶ Immediate integration in virtually all network environments—PCSM is compatible with most printers and digital copiers.
- ▶ Certified compatibility with the Ricoh Aficio product line (5 – 105 CPM/PPM).
- ▶ Ease of installation and operation.
- ▶ Server-based licensing—add additional users with the click of a button.
- ▶ No need for client-side software.
- ▶ The ability to determine optimal positioning of print devices.
- ▶ Microsoft Backoffice Certified, ensuring reliable and stable operation.
- ▶ The ability to automatically print and e-mail reports with Event Scheduler.

Printer	Description
<desktop>	Desktop: FERZAN-FGBN1Y05
<desktop>	Desktop: FERZAN-B05H7LY
aficio 2700 printer	Marketing OPG
aficio 450 mfp	Accounting AP
aficio 450 mfp	Accounting AR
aficio 4500 printer	Marketing DSG
aficio 550 color	
aficio 850 mfp	Mail Room
hp deskjet 690c	
hp deskjet 690c	
hp deskjet 970cd	

*Administrator has the ability to create various Printer Usage reports including: by client, by printer or by date.*



## Know Your True Hardcopy Costs

Based on your exact specifications, PCSM can be configured to generate a variety of charging models:

- ▶ Set pricing for black and white and color output based on consumable cost, TCO (Total Cost of Ownership) or client charges. Using the Deployment Tool, you can establish a detailed TCO schedule.
- ▶ Track printing costs based on impressions and receive an accurate accounting of your printing costs. You can set prices for finishing (stapling, binding, punching) and paper type. For very large or color documents, you can also enter a RIP surcharge.
- ▶ Bill printing by clients, project, individual users, groups or departments. (Requires PCSM Client Billing add-on)

Pages	Cost
1,848	273.90
5,217	775.50
4,981	810.02
4,409	675.61
2,698	404.05
7,016	1,272.53
11,337	1,865.22
11,905	1,883.21
7	0.70
11	2.10
2	0.20

Detailed Activity by Network Printer

08/15/2000

**Detailed Activity**  
by Network Printer

Date	User ID	Account	Type	Description	Pages	Cost
02/10/2000 05:35 PM	administrator		user	Test Page	1	0.00
02/10/2000 05:38 PM	skrasnow	fira administration	billing	Microsoft Word - Document1	1	0.00
02/10/2000 05:40 PM	ilopinto	prim: site offices (000202)	billing	Microsoft Outlook - Memo Style	1	0.00
02/10/2000 05:49 PM	ilopinto	prim: site offices (000202)	billing	Microsoft Outlook - Memo Style	1	0.00
02/10/2000 05:50 PM	ilopinto	prim: network (000106)	billing	Microsoft Word - Project Meeting Minutes of 2-04-00.doc	5	0.00
02/10/2000 06:20 PM	jacampol	wf: 8th flr (000109)	billing	Microsoft Outlook - Memo Style	1	0.00
02/10/2000 06:26 PM	ilopinto	lkr: ongoing maintenance (98801)	billing	Microsoft Word - CHD re invoice 745 for service call 02.10.00.doc	1	0.00
02/10/2000 06:34 PM	skrasnow	prim: site offices (000202)	billing	Microsoft Outlook - Memo Style	1	0.00
02/10/2000 06:53 PM	skrasnow	lkr: boardroom (98801)	billing	Microsoft Word - HRR MCM 02-08-00.doc	5	0.00
02/10/2000 06:53 PM	skrasnow	chase capital partners (981002)	billing	Microsoft Outlook - Memo Style	1	0.00
02/10/2000 07:21 PM	skrasnow	bas: 22nd floor (98704)	billing	Microsoft Word - CRedpath CO for approval 02-10-00.doc	1	0.00
02/10/2000 07:38 PM	skrasnow	bas: 22nd floor (98704)	billing	Microsoft Word - LClayburn OP proposals 02-10-00.doc	1	0.00
02/10/2000 09:07 PM	ilopinto	lkr: ongoing maintenance (98801)	billing	Microsoft Outlook - Memo Style	1	0.00

Detailed Activity reports can be created for a complete analysis of printed documents and the user source.

- ▶ Intelligent Print Management capabilities allow administrators to maximize throughput by sending large jobs to the most cost-effective output device.
- ▶ Quickly develop hypothetical "what if" scenarios with the Analysis Toolkit. Take existing historical data and then use the toolkit to demonstrate how changes in volumes or cost will impact your output environment.



PageCounter is the newest commercial copy control terminal for PCSM. Its advanced Ethernet-based communications provide a flexible solution for collecting copy transactions and secure document release. The PageCounter provides TCP/IP support for real time communications, a small space saving footprint, and an easy to operate numeric keypad with optional magnetic stripe card support.

## Aficio Counter Manager and Aficio Hardware... A Winning Pair

How often must you gather meter readings from all of your copiers and then send that information to your service provider? When you stop and think about it, it's a fairly time consuming task. With Aficio Counter Manager, data collection is streamlined... no lengthy phone calls, no postcards to fill out and no expensive phone lines attached to each copier in your output environment. ACM benefits include:

- ▶ Seamless integration with PCSM and Aficio devices. ACM tracks actual device details—including model numbers, IP Address, serial number, device location, print/copy/fax receptions and total meter counts. Access to such detailed information allows administrators to compare actual usage versus probable usage and instantly spot any discrepancies.
- ▶ Scheduled meter readings—including remote readings—when you want them.
- ▶ The ability to view total Aficio usage history—from installation to present or user-specified dates.
- ▶ Comprehensive device analysis: ACM automatically generates up to 20 customized reports, which can be printed or e-mailed. With this information in hand, device and cost management becomes an exact science... not a hit or miss proposition.



## Walk Up, Track Costs

Add the optional PageCounter and easily monitor walk-up copying. Users swipe a card or enter a PIN number to identify themselves and then use the copier. All copying activity is then stored in the PCSM database and fully integrated into the reporting structure. And, an Ethernet connection means you can use existing wiring systems.

## Comprehensive Reports

With more than 85 reports to choose from, you have access to information that ensures efficient operation — information that includes user, date/time, printer name, file name, number of pages, paper size and associated costs.

- View printer usage as it relates to duty cycle and actual time in use, which allows you to determine printer relocation or replacement.

- Discover what printers are being used—and when—making it easy to allocate network printer resources.
- Flexible report formats include breakdowns in detail and summary formats by users, departments, date ranges and specific output devices.
- Further customize report views by exporting to RTF, CSV and HTML files.

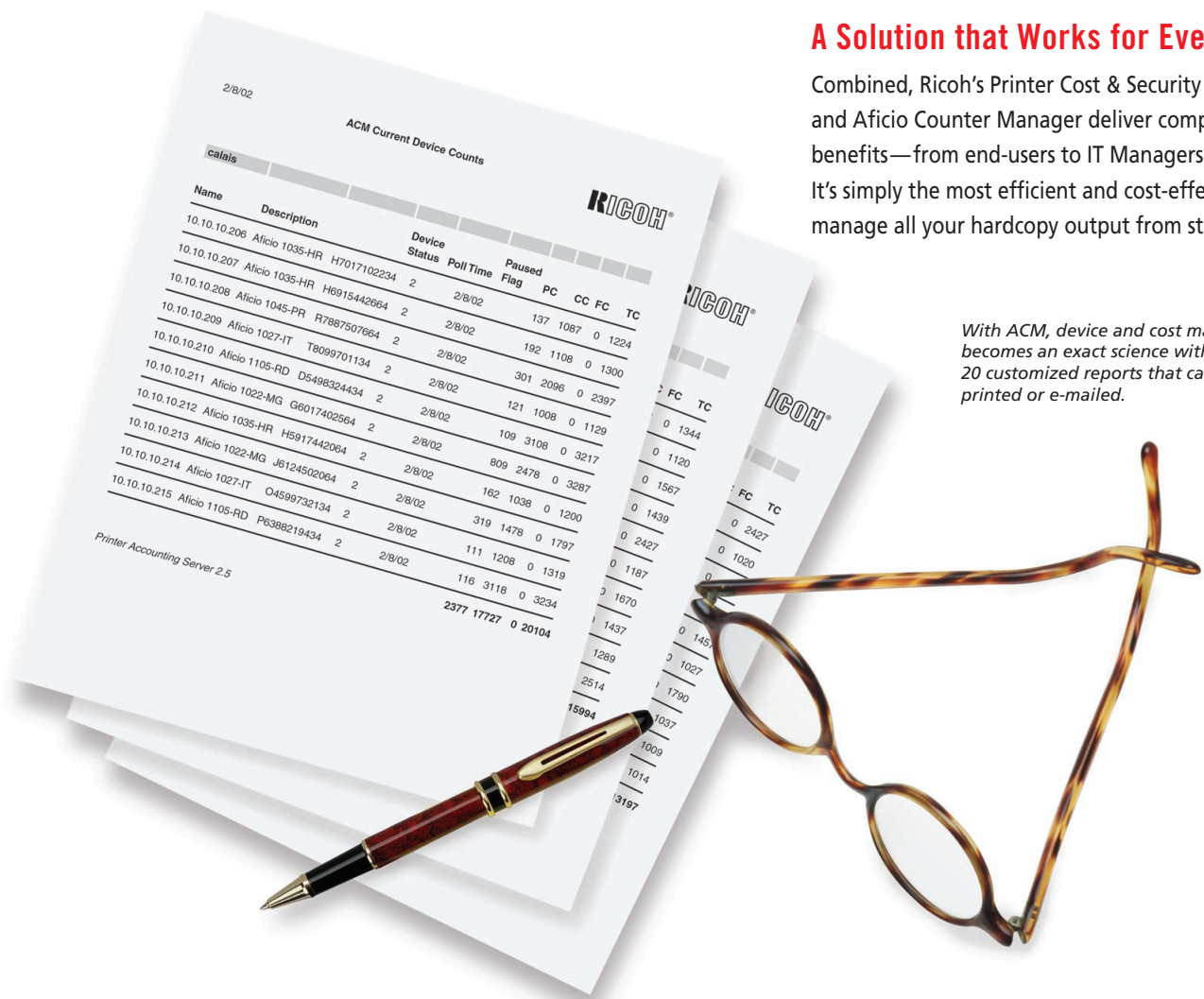
## Security in an Open Environment

The optional PageCounter and Secure Document Release (SDR) module provide enhanced control, security and integrated copier tracking. Print jobs are submitted from the workstation, held in a secure queue at the server and released when the user swipes a card or enters a PIN code on the keypad of the PageCounter. And, an open standards card reader provides seamless integration with any existing card systems already in place.

## A Solution that Works for Everyone

Combined, Ricoh's Printer Cost & Security Manager and Aficio Counter Manager deliver company-wide benefits—from end-users to IT Managers to CFO's. It's simply the most efficient and cost-effective way to manage all your hardcopy output from start to finish.

*With ACM, device and cost management becomes an exact science with up to 20 customized reports that can be printed or e-mailed.*



## Ricoh's Print Management Solutions in Action

Ricoh's flexible Print Management Solutions demonstrate a proven track record when it comes to managing output expenses in a myriad of professional environments, including: legal, advertising, architectural/engineering, manufacturing, real estate, government, academic and healthcare.

### Don't Fail This Test

In most academic environments, managing document costs presents a real challenge. The proliferation of e-mail and Internet access—by students and faculty—can quickly overwhelm available resources. If limitations on document production do not exist, no one is accountable for duplicate copies or lengthy printouts—and the associated waste that accompanies both.

Ricoh understands the need to manage output costs generated by students while enabling staff and faculty to produce documents in a secure fashion. Our Print Management solution will...

- ▶ Integrate seamlessly into your existing network environment.
- ▶ Eliminate waste, recover costs and use the charging policy of your design.
- ▶ Help you control who is printing, how much they're printing and what printers they're using—even if your policy doesn't allow for fee-based printing.
- ▶ Provide cost-effective hardware and software solutions whether you require straightforward card-based vending, flexible account-based control or integration with campus-wide card systems.
- ▶ Allow you to track usage for budgetary predictions.
- ▶ Ensure optimal use of resources.
- ▶ Discourage use during peak hours.

## "Wellness Care" for Your Documents

If your Hospital or Healthcare organization is researching the Health Insurance Portability and Accountability Act (HIPPA/HIPAA), a Ricoh PCSM Specialist can provide you with a detailed overview of the methods currently available to protect the security and confidentiality of patient health information in your network output environment.

As network printing continues to rise, document security becomes more of a challenge. Employees' offices are often physically separated from the network printers producing patient documents, which means confidential information frequently sits unattended. Our Print Management solution will...

- ▶ Provide a method of printing confidential documents that eliminates the possibility of unauthorized access to sensitive information.
- ▶ Ensure complete control over private documents from the moment the file is sent to the printer to the eventual secure disposal of hardcopy—a combination of swipe cards and PIN codes are required to retrieve print jobs.

## Our Commitment to You...

With Ricoh's Print Management Solutions, you gain state-of-the-art product innovation and an unwavering commitment to exceptional customer service. Regardless of your output environment, we have the expertise to provide your organization with the detailed and accurate document accounting you need to manage all your hardcopy costs.

# AFICIO PRINTER COST & SECURITY MANAGER WITH ACM

## Supported Models

### Ricoh Aficio PCSM: Network Printers and MFPs

See authorized Ricoh reseller for current supported models

### Ricoh Aficio ACM: Network Printers and MFPs

120 / 150 / 180 / 220 / 270 / 340 / 350 / 355 / 450 / 450e / 350e / 355e  
550 / 551 / 650 / 700 / 850 / 1013 / 1015 / 1018 / 1018D / 1022 / 1027  
1035 / 1045 / 1050 / 1085 / 1105 / AP2700 / AP2600 / AP2600N  
AP3200 / AP3800C / AP3800CMF / AP4500 / AP4510

### Other Vendors' Network Printers and MFPs

PCL5 / PCL6 / PostScript®

### Printer Connectivity Support:

Ricoh Aficio Network Adapters

Hewlett-Packard JetDirect Network Adapter

Lexmark MarkNet Network Adapter

Intel Netport Network Adapter

Any LPR-Compatible Adapter

Parallel Ports

## PCSM Product Group List

Aficio Printer Cost & Security manager

Single Server Edition

Enterprise Edition

Print Server (additional license)

Desktop Print Monitor

Macintosh Services

NetWare Print Server License

Secure Document Release (SDR)

Print Release Server

Client Billing

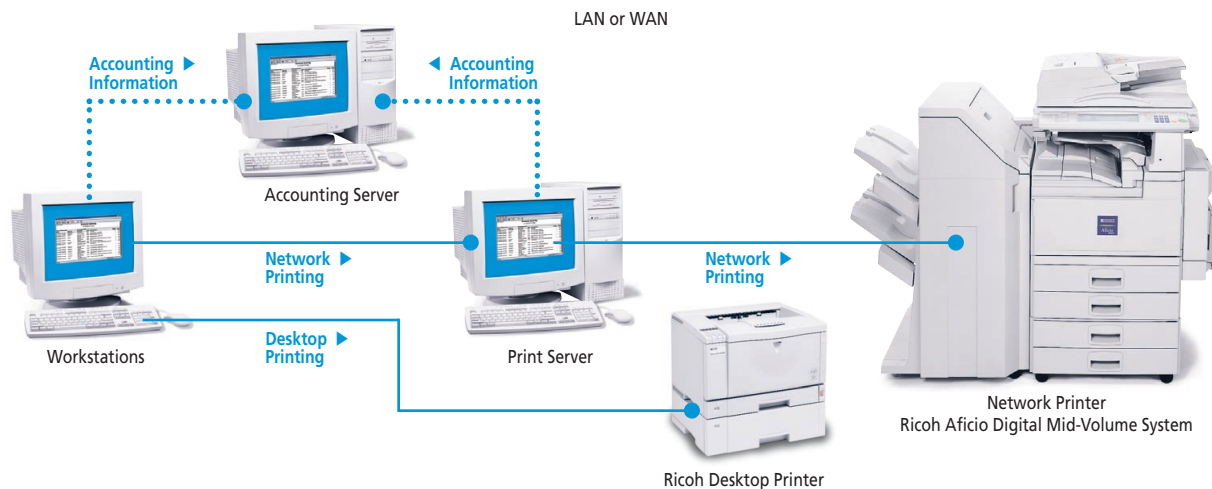
Release Station (additional license)

PageCounter

PCS Cable

Sequentially Numbered Cards for PCS

## Comprehensive Reporting With PCSM



In a network environment, workstations send print jobs to a local printer or a network printer. As the job passes through the pool or print server, the transaction is collected and forwarded to the accounting server database for archiving and reporting.

**RICOH**®  
Image Communication

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