

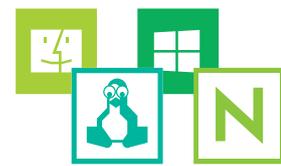
## Print Monitoring and Control Cut the cost of printing

PaperCut is the easy way to automatically monitor and manage printing in your organization, giving you control over your costs and environmental impact.

The PaperCut software intercepts print jobs on the print server and analyzes them, applying rules to enforce your print policies.

PaperCut gives you full control over your fleet of devices, letting you:

- ▶ Manage and control printing using tracking, quotas or pay-for-print charging.
- ▶ Support laptop and netbook users with driverless printing.
- ▶ Apply rules based print policies to minimize waste and maximize productivity, e.g. to prevent printing of emails, require large jobs to be duplexed or restrict color printing.
- ▶ Monitor your print fleet, with toner level detection and printer error alerts by email or SMS.
- ▶ Monitor your print jobs with thumbnail style viewer.



Supported Platforms

### PaperCut Features at a Glance

- ▶ Fully cross-platform, supporting all major operating systems, including mixed environments
- ▶ Scalable to networks of all sizes, from five to 500,000 end users
- ▶ True enterprise-wide license with no limits on the number of servers, workstations, printers, operating systems or domains
- ▶ Match your organization's look and feel with seamless integration with your intranet
- ▶ Modern software under active development
- ▶ Simple to use browser based administration
- ▶ Used by more than 50,000 organizations in 100+ countries.

Let your users see their environmental impact at-a-glance with the Paper-Less Alliance widget (a small application that sits on the desktop).

The widget supports *Do Something*, the non-profit organization behind many environmental initiatives including the Paper-Less Alliance ([paperlessalliance.com](http://paperlessalliance.com)).



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[www.papercut.com](http://www.papercut.com)

# More Features of PaperCut...

## For Financial Controllers

- ▶ Detailed reporting of output and costs by user and printer
- ▶ Track and allocate costs back to department, cost centre, faculty or client
- ▶ Simple to use and find the information most needed
- ▶ Cut printing costs whilst improving work flow

## For System Administrators

- ▶ **Simple installation**  
Deploy centrally on your server and track all printing. Client software is optional and not required for basic print tracking
- ▶ **Fast, intuitive user setup**  
Automatically manage end users known to directory services such as Active Directory and LDAP
- ▶ **Driverless printing**  
Web print lets end users print wirelessly from laptops and netbooks with no driver installation or server authentication. Web Print is fully integrated into PaperCut's standard print charging/accounting/quota process.
- ▶ **Shared accounts**  
Users can easily allocate job costs to departments, cost centers, clients or projects with popup client software
- ▶ **Full logging and reports**  
Over 50 one-click reports in standard formats (PDF, CSV, HTML)
- ▶ **Database integration**  
Use the in-built database or configure to use your existing databases (MS SQL Server, Oracle, MySQL, PostgreSQL)
- ▶ **Watermark every print**  
Automatically add a username or other information to the bottom of every page
- ▶ **Digital signatures**  
Watermark all jobs with a digital signature to track document origin/source
- ▶ **Hold/release queue**  
Release sensitive documents at point of printing
- ▶ **Delegate administration rights**  
Grant specific rights by functional areas
- ▶ **Intranet integration options** and fully documented API and scripting interface
- ▶ **Print Archiving**  
View print job content interactively in the browser.

## For End Users

- ▶ **Intuitive, customizable web interface** shows usage tracking, or runs silently
- ▶ **Optional client software** offers authentication, confirmation of print job cost, account balances and cost allocation
- ▶ **Shows usage and impact** by tree or by CO<sub>2</sub> volume
- ▶ **Show popups prompting users** on situations such as not printing jobs duplex, attempting to print emails, or suggestion to print grayscale when printing from a web browser
- ▶ **Flexible payment options** for pay-for-print including pre-paid voucher cards and online payment gateways
- ▶ **Deployment flexibility** with options for highly visible quota or charging control to invisible silent tracking
- ▶ **Mobile Print Release** allows you to release your job at the copier with any modern smartphone



System Activity at a Glance

The Job Log provides a detailed record of all print jobs. The table below shows a sample of the data:

Date	User	Charged To	Printer	Pages	Cost	Document Name	Admin
Mar 20 2015 13:16:16 PM	admin	admin	server1Architecture Lab 1	1	\$0.25	Printer Test	admin
Mar 20 2015 13:16:16 PM	admin	admin	server1Architecture Lab 1	1	\$0.25	empowerment	admin
Mar 20 2015 13:16:16 PM	user12345	user12345	server1Architecture Lab 2	14	\$0.35	Issue 1.4.47.pdf	user12345
Mar 20 2015 13:16:16 PM	user12345	user12345	server1Architecture Lab 2	1	\$0.25	Printer	user12345
Mar 20 2015 13:16:16 PM	user12345	user12345	server1Architecture Lab 2	1	\$0.25	release	user12345
Mar 20 2015 13:16:16 PM	user12345	user12345	server1Architecture Lab 2	1	\$0.25	release	user12345

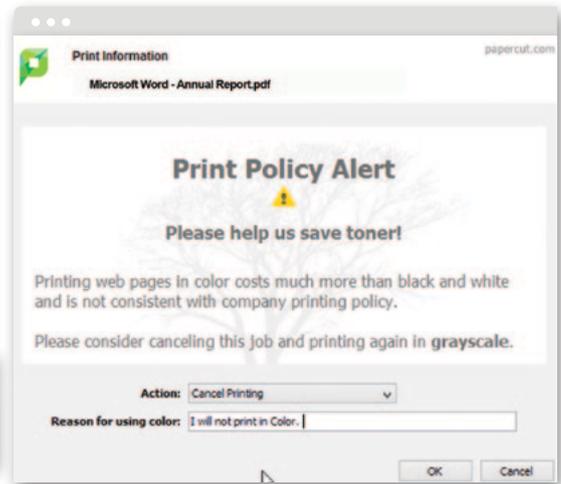
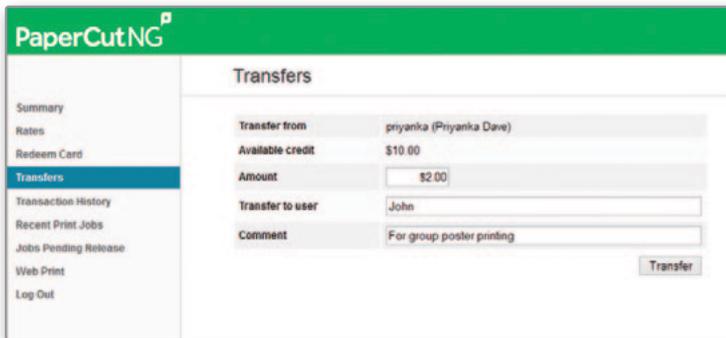
Full Logging & Reports for Analysis

The Print Archiving Thumbnail View allows users to interactively view and manage their print history. It displays a grid of document thumbnails, each with associated metadata like date, user, and printer. This view is particularly useful for identifying and releasing sensitive documents.

Print Archiving Thumbnail View



Comprehensive Built-in Reports



Intuitive Browser-based End User Interface

## PaperCut in Action

### User Management

#### Automatic User Import

PaperCut automatically synchronizes user accounts with leading directory services such as Active Directory, Open Directory, LDAP, eDirectory, etc. Import end user details from:

- ▶ The full domain
- ▶ A selected group within a domain
- ▶ An organizational unit
- ▶ A spreadsheet.

#### Account Creation Rules

Move to a fully self-administering system by defining rules to enable PaperCut to automatically create new user accounts on demand based on group membership. Define new account properties including:

- ▶ Initial credit (can be allocated daily, weekly or monthly)
- ▶ Access and security rights level.

### Load and Error Event Reporting

The load carried by each printer is clearly displayed in the administration interface. IT managers can use this information to determine where additional printers may be required, or detect printers unsuitable for the situation or location.

The system can also email administrators on error events such as paper jams or low toner.

### Page-level Color Detection

Use the advanced charging interface to enable page-level color detection. This "looks" at each page of a document and detects the use of color. End users are only charged the color rate on pages that have color, providing a more precise charging method.

### Advanced Filtering and Restrictions

Use PaperCut's job filtering and/or advanced scripting control to implement print policies and improve device utilization.

Options include:

- ▶ Route large jobs to dedicated high-volume printers
- ▶ Ask end users to confirm single sided output
- ▶ Delete duplicate jobs or those with incorrect paper sizes automatically
- ▶ Discourage printing of emails via popup warnings
- ▶ Enable limited free printing during class times
- ▶ Suggest alternate printers when a device is offline
- ▶ Build your own rules with advanced print scripting.

By combining PaperCut's filter rules, administrators can improve printer use, minimize queue hogging, and avoid wasteful print jobs. For more advanced control, use print scripting. PaperCut includes dozens of pre-built recipes and a simple JavaScript IDE to help you build your own scripts.

### One Click Reporting

PaperCut offers more than 50 reports out of the box, in PDF, HTML or Microsoft Excel (.csv) format. Access reports from any web browser, or schedule them to be automatically generated and emailed. You can set up reports to use your own header, and create reports with custom data by specifying date ranges, filtering and sorting by the data available.

### Local and Server Printers

PaperCut can track printing on multiple servers and locally attached desktop printers. Web Print – a unique feature of PaperCut – enables wireless printing for laptop and netbook users and requires no installation of print drivers or server authentication.

PaperCut works seamlessly in heterogeneous environments – you can host some printers on Macintosh or Linux, and others on Windows and have them all working together as one system without the need for separate licensing.

## Technical Specifications

### Scalability:

- ▶ Suitable for networks of 5 to 500,000+ users

### Architecture:

- ▶ Single server or multi-server environments
- ▶ Monitor locally attached printers
- ▶ Client software is optional
- ▶ Available in 20+ languages and currency formats world-wide

### Licensing:

- ▶ Enterprise-wide license: unlimited printers, servers, and workstations
- ▶ Licensed based on number of end users

### Open Systems:

- ▶ Open documented database schema
- ▶ XML Web Services API with sample code

### Supported Server Operating Systems:

- ▶ Microsoft Windows Server (any edition including 64-bit and server core)
- ▶ Mac OS X Server (10.4 or higher)
- ▶ Linux (any modern distribution)
- ▶ Novell OES Linux and iPrint

### Supported User Directory Services:

- ▶ Active Directory (native integration including nested groups and OU's)
- ▶ OpenDirectory
- ▶ eDirectory
- ▶ LDAP
- ▶ NIS, PAM, Samba, and others.

## An Open System

PaperCut NG is an open, vendor neutral solution. It has a robust API that can be used by programmers to automate functions and interface with third party systems. The system is designed using open standards and supports all major server and workstation operating systems.

All versions of PaperCut for all operating systems are generated from one code base so new features and improvements are available simultaneously on all platforms. PaperCut is supported directly by its developers, a friendly and approachable team. All customers are provided with source code access.

### Supported Workstation Operating Systems:

- ▶ Microsoft Windows (any edition)
- ▶ Mac OS X (10.4 or higher)
- ▶ Linux (any modern distribution)
- ▶ Unix Workstation (Java required to run client software)

### Printers:

- ▶ Almost all major laser, inkjet, label and wide-format printers.
- ▶ Supported print languages: PCL, PCL6, HPGL, Postscript, PCL-GUI, Ricoh RPCS, Epson ESC, QPDL, various GDI printers and many language that don't even have names.

### Supported Database Servers:

- ▶ Self managing internal database: suitable for up to 5,000 end users
- ▶ Microsoft SQL Server 2000/2005/2008 (either 32 or 64 bit)
- ▶ Microsoft SQL Express 2005/2008 (free from Microsoft)
- ▶ Microsoft SQL Server 2012 & Server Express 2012
- ▶ PostgreSQL 7.1 or higher
- ▶ MySQL 5.0 or higher
- ▶ Oracle 9.2 or higher

### Supported Cluster Environments:

- ▶ Microsoft Failover Server
- ▶ Microsoft Cluster Server
- ▶ Veritas Cluster Server
- ▶ Linux HA

### Encryption:

- ▶ SSL encryption used for sensitive client server communication.

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no obligation  
40 day trial now

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