

PaperCut[™] +



**Secure printing to stay
compliant and
efficient in healthcare**





Security and simplicity have been coded into PaperCut solutions for over twenty years (that's got to earn us a PhD, right?), so you can **focus on the health of your patients,** not your printers.



Challenges faced in healthcare

- ▶ Lack of visibility and control
- ▶ PHI leaving your site without traceability
- ▶ Need for interoperability between your EMR & printing systems
- ▶ Complex printing environments
- ▶ Confidential paperwork to fax
- ▶ Staff that require printing to just work





Solutions offered by PaperCut Software



Secure printed PHI to assist with compliance



Enable staff to **work easier** than ever



Scale for **your present and future**



Convenience that follows you

PaperCut[®] +  **GLOBAL**VALUE[®]

Secure printed PHI to assist with compliance





Compliance regulations in healthcare

- ▶ Health Insurance Portability and Accountability Act (HIPAA) – US
- ▶ Data Protection Act – UK
- ▶ The Privacy Act – AU





**HIPAA violations in
the US have cost
more than \$84 million
over the last five
years**

*source: <https://www.hipaajournal.com/hipaa-violation-cases/>

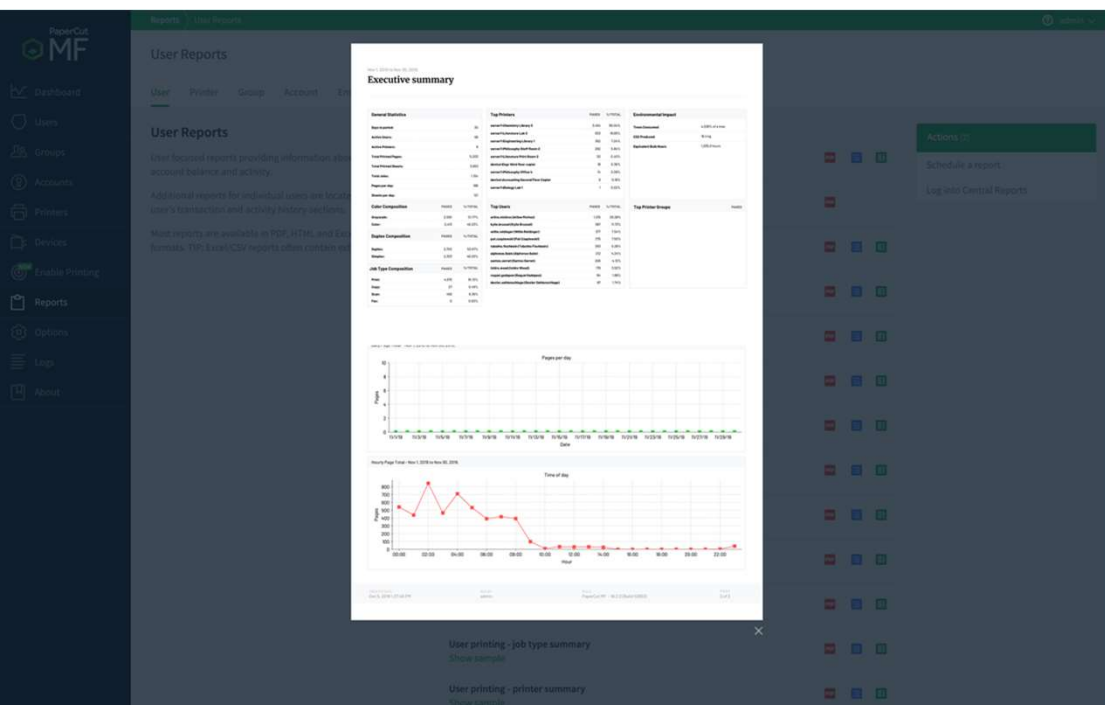


SECURE PRINTING

Protect patient data before, during and after printing

-  Access control
-  Secure release
-  Watermarking

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SECURE PRINTING

Gain visibility of who's printing what

Logs and archives gives administrators complete visibility of staff's activity.



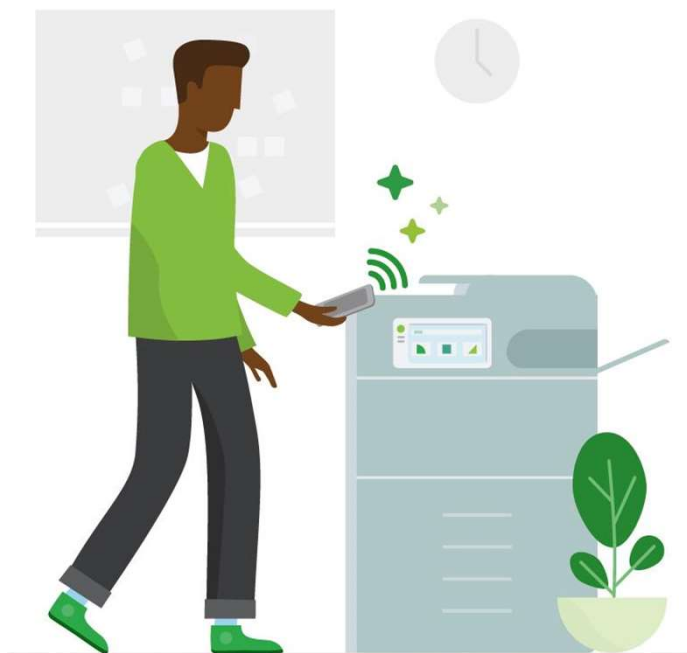
SECURE PRINTING

Top-notch security that's **built in**

PaperCut MF is embedded on your Multi-Function Device (MFD) so staff have to authenticate their ID before gaining access.

- ▶ Unique ID
- ▶ Username and password or pin
- ▶ ID card or badge
- ▶ Integrate with biometric hardware

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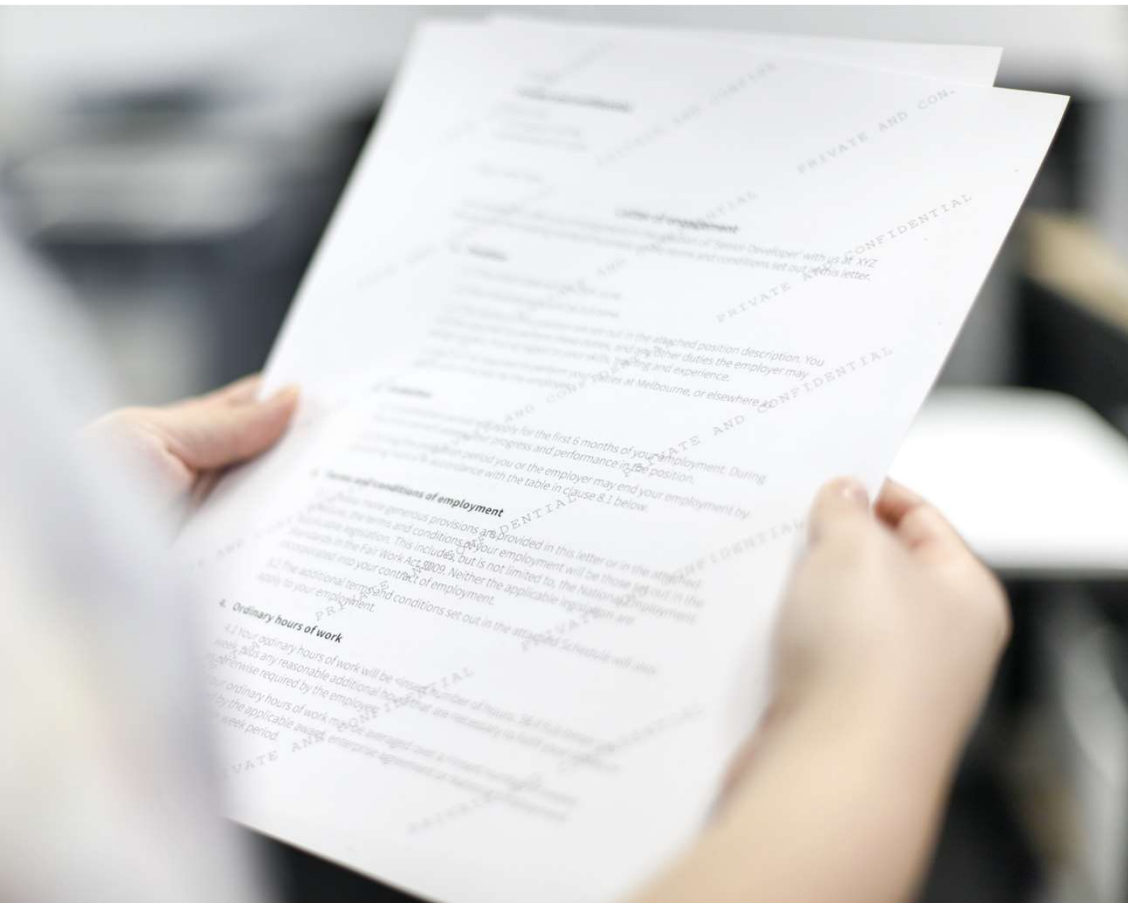


SECURE PRINTING

Hold all jobs until released at the printer

Secure Print Release puts print jobs in a 'hold' state until the staff walks up to the MFD, logs in with secure credentials, and approves its release – making sure all data lands in the right hands.

PaperCut[®] +  **GLOBAL**VALUE[®]



SECURE PRINTING

Increase accountability after print

Staff is less likely to leave sensitive documents lying around when they can be tracked back to the owner.

- ▶ Watermarking
- ▶ Timestamp
- ▶ Digital signature
- ▶ Other metadata



Logs Job Log admin

Job Log

Job Log Application Log Audit Log

Filter on

	DATE ↓	USER	CHARGED TO	PRINTER	PAGES	COST	DOCUMENT NAME	ATTRIBS.	STATUS
	Jan 5, 2021 7:35:16 PM	student	student	server1[Mathematics Staff Room 1	1	\$0.25	Periodic Table	A4 (ISO_A4) Duplex: No Grayscale: No 1,161 kB client-workstation PostScript	Printed refund edit
	Jan 5, 2021 7:34:32 PM	student	student	server1[Mathematics Staff Room 1	1	\$0.25	origami-envelope	A4 (ISO_A4) Duplex: No Grayscale: No 958 kB client-workstation PostScript	Printed refund edit
	Jan 5, 2021 7:03:47 PM	tyler.wickers	tyler.wickers	server1[Engineering Office 2	14	\$3.50	Java 1.6 API spec	A3 (ISO_A3) Duplex: Yes Grayscale: No 418 kB client-workstation PostScript	Printed refund edit

SECURE PRINTING

Maintain records of who's printed what

Empower administrators to browse and review the content of print activity in their environment.



"There was the goal to bring down costs, but also to increase privacy. In the health industry, privacy's everything – so that was a key factor in selecting a print management system."

– Baptist Health Care, USA

Assist with **compliance**

- ▶ Digital signatures
- ▶ Watermarking
- ▶ Print archiving/Audit trails



"We have federal laws relating to privacy. Secure Print Release and Find-Me Printing have really made stakeholders more confident in the level of security we provide."



Customer story

7,000+ users spread across three hospitals and four medical parks are solving their security and waste issues with PaperCut MF. Automated reports give **insights for changed behavior** and Secure Print Release makes sure **documents always land in the right hands**, topped with the added **convenience** of Find-Me Print.

[Read the full story on our blog.](#)



Enable staff to
work easier than ever

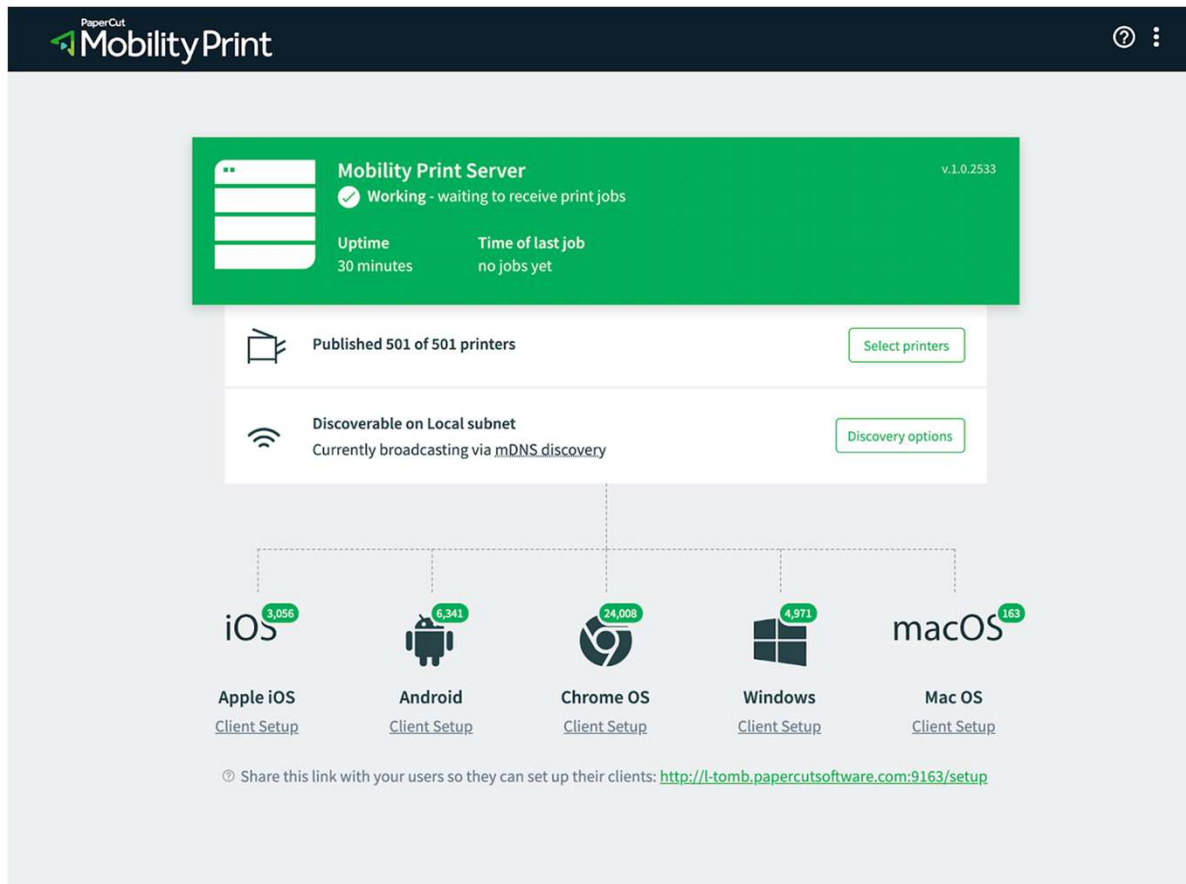




Keep staff's **focus** **on the patients,** **not the printers**

- ▶ Inefficient print processes waste precious time
- ▶ Variety of devices and applications give different user experience



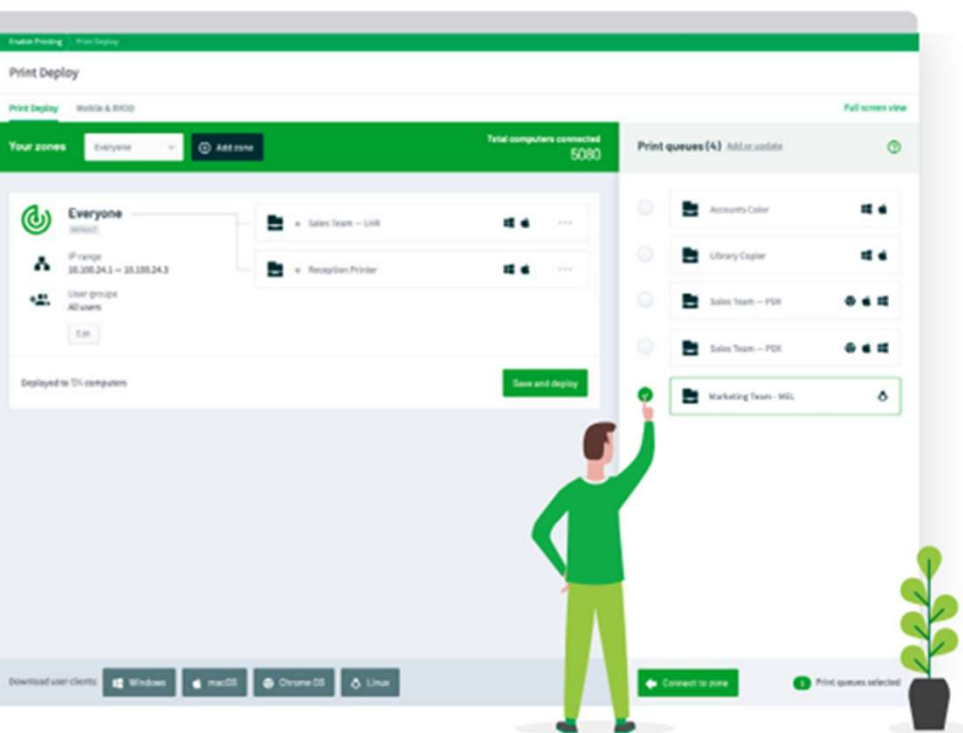


EASY PRINTING

Print from any approved mobile device

Enable any admin-approved mobile device to easily print from their native platform.

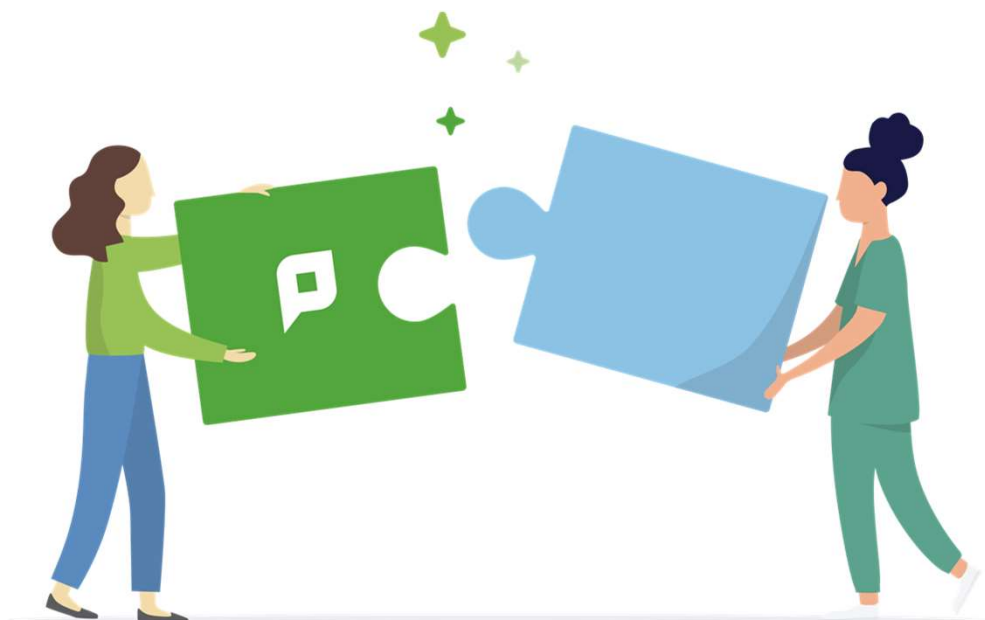
- ▶ Apple iOS
- ▶ Android
- ▶ Chrome OS
- ▶ Windows
- ▶ Mac OS



EASY PRINTING

Install print queues automatically

Get the right print queue to the
right person in the right location,
automatically, every single time.



EASY PRINTING

Seamlessly sync EMR systems with PaperCut

PaperCut MF interoperates with common EMR applications like Epic, Cerner, Allscripts, and many others.





PaperCut joins Epic's App Orchard

- ▶ Our app is approved by Epic as a third-party output management app
 - The Epic module allows Epic user information to pass through to PaperCut
- ▶ Accepts print jobs from EPS, and sends them to the local queues
- ▶ Standalone installer
- ▶ Works with all PaperCut MF versions
- ▶ App instance per EPS



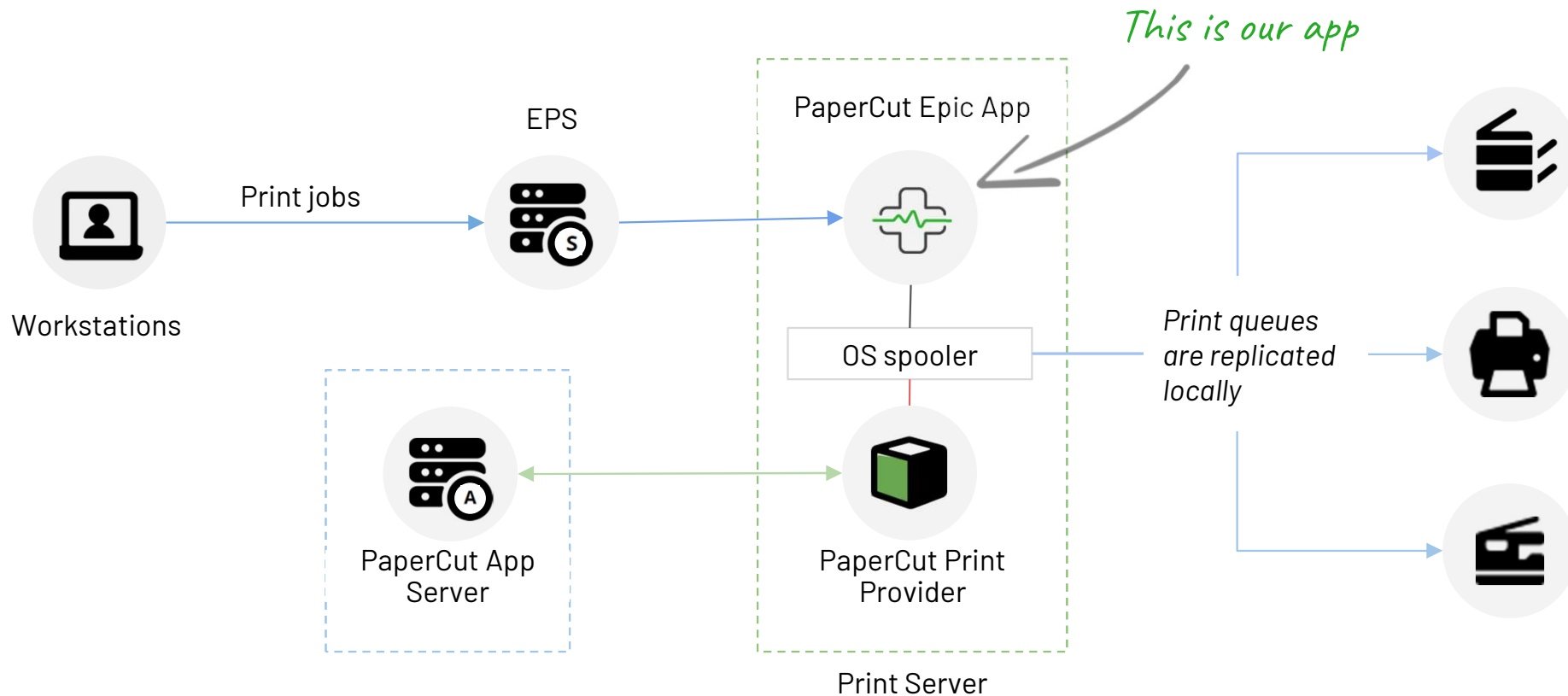


Epic printing types

Hosted and managed by	Type	Solution
Hospital	Frontend printing	Works out of the box with PaperCut MF
Hospital	Backend printing	
External (Epic)	Frontend printing	
External (Epic)	Backend printing	Epic app + PaperCut MF



PaperCut Epic app in an Epic environment





How **Cerner** printing works

- ▶ Print jobs from all user facing Cerner apps are processed by Cerner print servers (in Olympus)
- ▶ CUPS print servers
- ▶ Two print types – local and queue printing
- ▶ Can be hosted and managed by the hospital, or externally





Cerner printing types

Hosted and managed by	Type	Solution
Hospital	Local printing	Works out of the box with PaperCut MF
Hospital	Queue printing	
External (Cerner)	Local printing	
External (Cerner)	Queue printing	LPD + PaperCut MF

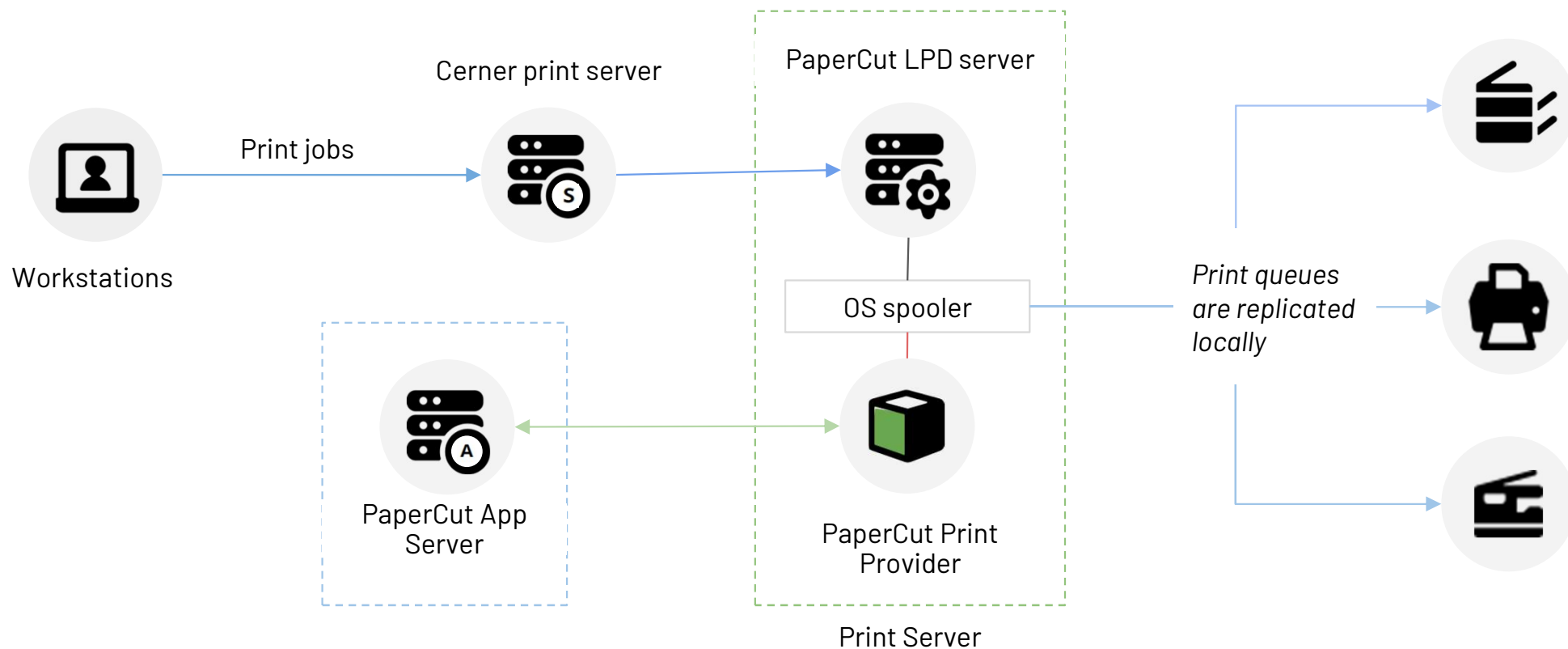




PaperCut in a Cerner environment

- ▶ Set up PaperCut LPD server in the local print server
- ▶ Configure LPD server in Cerner as the external print job handler
- ▶ Replicate queues in the local print server
- ▶ Install Print Provider to track replicated queues
- ▶ Configure LPD server to forward print jobs to the replicated queues

Cerner with PaperCut LPD server





Other popular EMR systems





Make printing easier for everyone

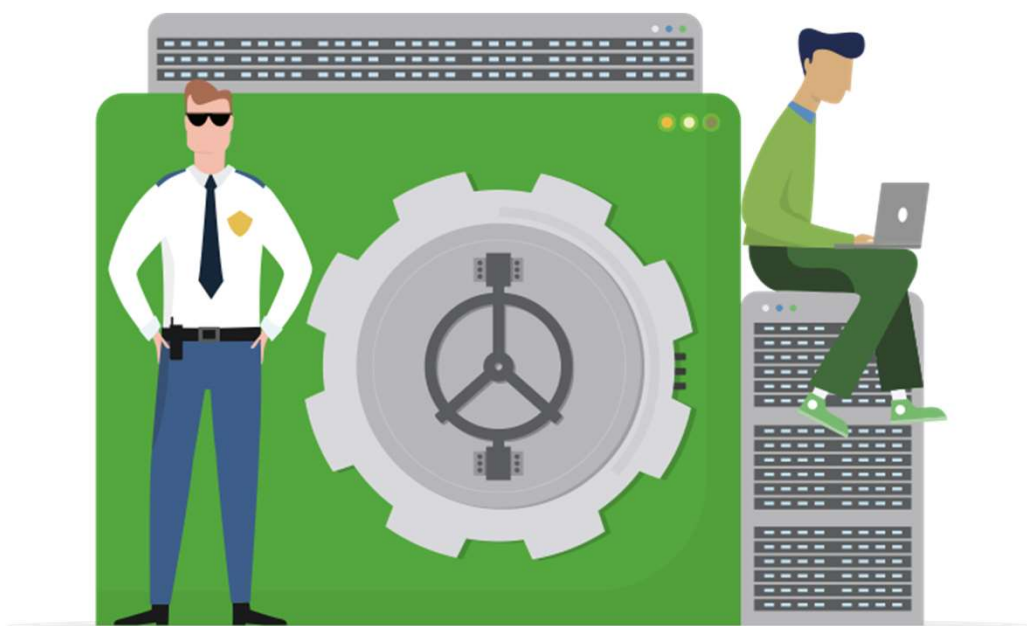
- ▶ Mobility print
- ▶ Print Deploy
- ▶ EMR integrations



**"PaperCut is easy to set up,
has great release cycles with
new features, and always
works... It's been a huge
success for our organization."**
- Burnside War Memorial Hospital (AUS)

Scale for your
present and future





SCALABLE PRINTING

Maximize uptime and **max out efficiency**

Implement leading High Availability measures like clustering, use seamless failover techniques, and backup and restore servers to stay printing in any outage.

PaperCut[®] +  **GLOBAL**VALUE[®]



SCALABLE PRINTING

Thrive with a **fully scalable solution**

PaperCut supports all setups, brands, and sizes to facilitate change and flexibility. Install multiple site servers, set up hybrid cloud configurations, and purchase mixed device fleets to stay agile and competitive.



PaperCut[®] +  **GLOCAL**VALUE[®]



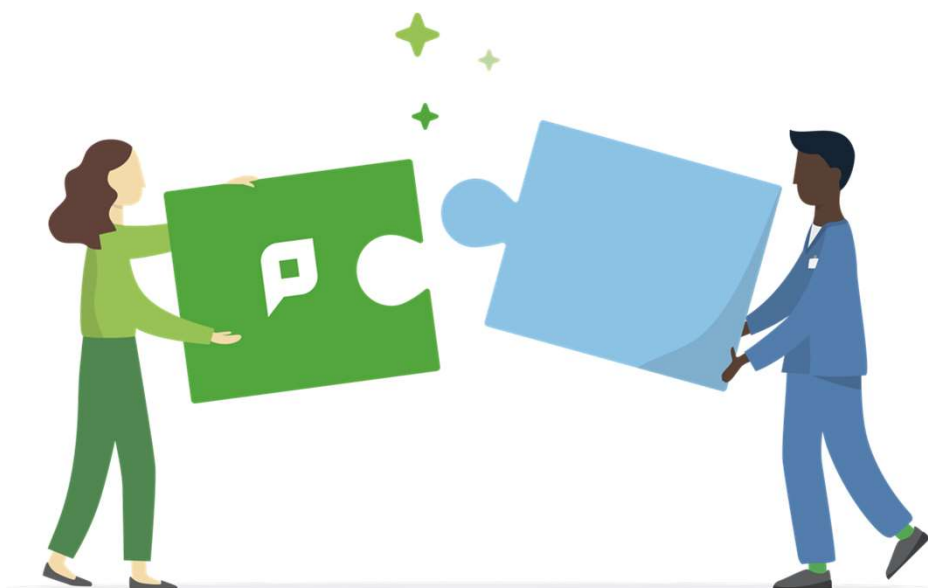
SCALABLE PRINTING

It just works on **any device** and **platform**

PaperCut supports all platforms
equally – any combination of print
servers and user workstations

- ▶ Windows
- ▶ Linux
- ▶ Mac
- ▶ Novell OES

PaperCut[®] +  **GLOCAL**VALUE[®]



SCALABLE PRINTING

Vendor neutral to fit and grow with you

With the broadest range of print manufacturer integrations and operating system compatibility, PaperCut can scale to suit simple or complex environments.

PaperCut[®] +  **GLOBAL**VALUE[®]



Reduce IT time and costs

- ▶ Manual processes to add users and print queues
- ▶ Generate usage and expense reports
- ▶ Hiring more admin to manage printing





"When I was asked to report on the cost savings of PaperCut, it was a real 'wow' moment. It was one of the first times we properly looked at the financial impact, and we'd saved millions."

– Baptist Health Care, USA

Cut costs and tighten budgets

- ▶ Full visibility
- ▶ Tracking
- ▶ Automatic built-in reports

PaperCut[®] +  **GLOBAL**VALUE[®]

Convenience
that follows you





EASY PRINTING

Take **convenience** to the next level

With Find-Me Print, there's only one print queue to manage and only one print queue to select.

Users can easily pick up their print jobs at the nearest printer.





EASY PRINTING

Streamline workflows with **Scan to Fax**

Make fax processes easier with PaperCut's user-friendly, cross-platform Scan to Fax solution.

For extra security and peace of mind, use API integrations to receive status updates that their communication went to the intended destination.

PaperCut[®] +  **GLOBAL**VALUE[®]

Secure printing to
stay compliant and efficient





Benefits you and your team will see

1. **Secure your printing** from end-to-end so you can rest at ease
2. **Assist with compliance** and confidentiality regulations of printed data
3. **Simplify printing** so you and your staff can focus on what matters most
4. **Remove complexities** for a variety of devices and printers across different departments and locations



QA

Grazie!

PaperCut

+



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