

## Education Customer Story

# University law school crushes printing costs with PaperCut NG



## Management Need

Case Western Reserve University School of Law requires a large amount of printing on behalf of both students and faculty. The students of the law school were printing over two million pages per year. Without any sort of quotas or structure, the school's printing costs were skyrocketing.

## The Solution

Using PaperCut NG, students have printing quotas tied to their existing university logins for safe user authentication. Additional pages can easily be purchased through a secure payment gateway integration, and mobile printing means students aren't taking up lab space, printing only what they need.

## Result

The law school's printing costs have been halved resulting in cost savings of US \$20,000 per year. And just as importantly, students now have access to a more flexible printing structure which allows them to access mobile printing, resulting in a significant reduction in waste.

"Without quotas, our students were printing around 2 million pages a year. We were also concerned about the environmental impact of what was clearly a great deal of wasteful printing."

Director of IT, School of Law, Tron Compton-Engle.



SCHOOL OF LAW  
CASE WESTERN RESERVE  
UNIVERSITY



### Customer Profile

Case Western Reserve University,  
School of Law

Country USA

Staff & Faculty 120

Students 570 (10,000 on campus)

Website [law.case.edu](http://law.case.edu)

Case Western University is a research university located in Ohio. Founded in 1826, Case Western's international law, health law and intellectual property law rank among the best in the country. The university's rich heritage have helped it rank as one of the highest quality schools in the United States.



### Configuration

Product PaperCut NG

Workstations 750

BYOD Web Print & Google Cloud Print

Printers Color and Black & White

Primary Servers 2

Secondary Servers 1

## Changing printing behaviors

The IT department had attempted to cut down on costs before, but no previous methods worked. Asking students to self-police their printing with reminder signs reading, "please do not print things unnecessarily", didn't help the cause either. Thankfully, switching to PaperCut NG didn't require any huge changes in how the department worked. "Over a year, we had a committee of faculty, staff and students develop our policy and procedures in relation to how PaperCut NG worked," said Compton-Engle.

It's crucial for such a large, respected university that any technology transition runs smoothly. PaperCut NG did just that. As soon as classes resumed, both students and faculty were able to print from their mobile devices. Compton-Engle added, "We are a Google Apps campus, so it is incredibly useful now that we can provision printers by Gmail addresses and Google Groups with Google Cloud Print."

## Cost savings with BYOD

One of the biggest benefits for the law faculty has been flexibility for users. Students can now print using a range of methods such as traditional, web printing and Google Cloud printing.

Allowing students to use their own devices and print wirelessly, along with a quota system for purchasing print credit, helped the law system reduce its costs by as much as US \$20,000 per year. And with the ability to add features like Active Directory Integration and connectivity with Google Apps, moving to PaperCut NG hasn't just cut costs – it's made the school's IT infrastructure more powerful by integrating straight into Google.

"I can push printers to students with zero interaction on their point," says Compton-Engle. "When you use Google Docs, students don't have to do anything. They just open up their drive, and there's their printer. This also means they don't need to use their computer, they can open their phone and press print when they're on their way to the printer."

Previously the IT department managed students on a per-laptop basis. Now, as long as students are logged in, their printers will be there, waiting for them.

## Top up payments made easy

Implementing a BYOD solution wasn't enough to help the law faculty cut down on their printing needs. The school went further, giving students a printing allowance, which could be topped up whenever higher printing requirements were needed.

"Students are given \$37.50 of printing at \$0.05 per page for each half year," says Compton-Engle. "PaperCut NG links into our University payment gateway, ManagerQuikPay, to enable students to purchase additional pages if they use up their quota. PaperCut NG even allows for student groups with special printing accounts."

## The bottom line?

Implementing PaperCut NG across the law school was a straightforward way to eliminate unnecessary costs while still giving students and faculty the freedom to get the resources they needed.

## Learnings

- ▶ **Leverage others**  
Moving to PaperCut NG didn't mean having to tread a new path for the faculty. With PaperCut NG already implemented in another department, the law school was able to take learnings from an existing rollout and apply them to its own situation.
- ▶ **Share costs through a site-wide license**  
The fact that PaperCut offered a university site license was a "major factor" in rolling out the solution, making everything cost effective. One solution that's low-cost, and available campus-wide, becomes a standard as time goes on.

### Director of IT, Tron Compton-Engle:

"Wireless printing allows students to print from their own devices, reducing the reliance on our computer labs. We hope to eliminate the labs eventually."

Find out how to limit student printing with BYOD, email or visit [sales@papercut.com](mailto:sales@papercut.com)

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