



Pharos Systems



## Pharos Uniprint

### Do the Numbers:

**70-80%** = The percentage of printing waste that your institution can eliminate with Pharos Uniprint®. You'll also see a 30-50% reduction in overall print volume.

A college with 5000 students could save 1000 boxes of paper per year with Uniprint, which would conserve:

- 600 trees
- 13 cars' worth of greenhouse gas emissions
- Enough energy to power 11 homes
- Enough waste water to almost fill an Olympic-sized swimming pool
- Enough solid waste to fill 2 garbage trucks

(Resource: *The Paper Calculator* at <http://www.environmentaldefense.org/papercalculator>)

**93%** = The reduction in how often recycling bins have to be emptied in libraries and computer labs with Uniprint.

**100%** = The percentage of time that students, faculty, and staff can print from anywhere and pick up their print jobs at any device on campus, thanks to Uniprint.

**100%** = The percentage of print and copy jobs that can be accurately billed back to a grant or contract through Uniprint.

**100%** = The percentage of print and copy costs that your institution can recover with Uniprint.



*"If the United States cut its office paper use by roughly 10%, ... greenhouse gas emissions would fall by 1.6 million tons. This is the equivalent of taking 280,000 cars off the road for a year."*

[www.greenpressinitiative.org/documents/stateofindustrysummary.pdf](http://www.greenpressinitiative.org/documents/stateofindustrysummary.pdf)

## Recover and Control Your Printing Costs

Charging students for printing and copying makes them more responsible users of expensive resources. It also puts dollars in your coffers that you can use to improve your institution's output environment and provide additional services.



- Set a print quota for any amount over any time period, and then charge students for print/copy once they've exceeded their allowance. You can set different quotas for different groups of students, e.g., undergraduate vs. graduate.
- Define charges based on job features, e.g., B&W vs. color, 1-sided vs. 2-sided, etc.
- Place limits on printing to help control your costs. For example, you might deny color printing privileges to particular groups of users or block certain kinds of jobs from being printed in color, e.g., e-mail messages or web pages.

## Improve Services for the Entire Campus Community with Secure Release Here

Secure Release Here® is a powerful Uniprint application that enables a new, two-step printing workflow. Users submit print jobs from their computers in the usual way. At the printer, they use the Pharos interface to select the jobs they want to print and "release" them. The benefits of this new workflow are cost and waste reduction, security, and flexibility:



Uniprint print release screen

- Cost and waste reduction – With Secure Release Here, users print only the documents they really need, rather than every job they submitted from their computer. The result is a dramatic decrease in printing volume and waste, which is great news for both your school's bottom line and the environment. Pharos customers have experienced reductions in overall print volume as high as 30% and reductions in waste as high as 50%.
- Security – Jobs are held in a Uniprint queue until the person who submitted them walks up to a printing device and releases them. This ensures that confidential documents go directly from the printer into the hands of their owners. It also means that no one has to rifle through stacks of paper looking for their printouts. Moreover, with Secure Release Here, only authorized people can use your printers, copiers, and multifunction devices. Users must swipe their ID card or type in their username/password in order to use any of the device's functions.
- Flexibility – Secure Release Here allows users to release their print jobs at any printer or multifunction device that's on the Uniprint system, regardless of its location on campus.

## Surf ... Click ... Print

With Uniprint, enabling new users to utilize campus printers is as easy as surfing and clicking. All they have to do is point their browser to a web page and click on a link to a printer package. The required software is automatically downloaded to their computer. They can begin printing right away.

## Choose Among Multiple User Interface Solutions

- Pharos iMFP solutions – Pharos Systems has partnered with Canon, Hewlett-Packard, Lexmark, Ricoh, Xerox, and other leading printer vendors to create families of integrated multifunction printers (iMFPs) that harness the power of Uniprint directly from the MFP’s touchscreen control panel. iMFPs provide users with one-stop shopping for document output services, combining Pharos-powered authentication and print release with the MFP’s native print, copy, scan, fax, and e-mail capabilities. There are over 125 iMFP models to choose from.



- Pharos Omega PS150 – The user interface to Uniprint is also available on the Omega PS150, a digital controller with a large, full-color touchscreen that mounts on the printing device. The PS150 works with any network printer, copier, or multifunction device from any manufacturer, so it’s perfect for institutions with diverse output environments.

- Pharos Omega PS60: The PS60 provides easy and cost-effective printing security for any network printer or multifunction device. Print jobs are held until users authenticate themselves by swiping their ID card across a card reader mounted on the printer. After authentication, all of the user’s print jobs are released.



- Pharos Station – The user interface to Uniprint can also be installed on a dedicated PC.

## Enhance Academic and Administrative Printing

The Departmental Chargeback feature of Uniprint makes it easy for faculty, administration, and staff to bill print/copy jobs to a grant, contract, or program. They simply select a cost center from a list displayed on the Pharos user interface and the system does the rest, including generating reports that show the page volume and associated dollar value allocated to each cost center. This significantly simplifies the process of billing back printing/copying costs to government and industry sponsors.

Faculty, administration, and staff will also benefit from the two-step printing workflow enabled by Secure Release Here. Confidential documents remain confidential because jobs aren’t printed until the owner is physically present at the device to release them. And in an environmentally-conscious environment, everyone will welcome having a second chance at the printer to decide what they really need to print—and as a consequence, throw out less paper.



## Measure Your Waste Savings

It’s easy to measure how much printing waste your institution has eliminated with Uniprint and Secure Release Here. The system tracks jobs that were submitted but not printed, and generates a report with all the relevant data, including the volume of unprinted pages for a particular time period and the associated cost savings.



*“In every place we’ve installed Pharos Uniprint, we’ve seen at least a 50% reduction in print waste. Before Uniprint, we emptied the large recycling bins every day; now we do it every two weeks.”*

*Craig Hyatt, Information Technology Director  
University of North Carolina, Chapel Hill*

## Benefit from Benchmark Flexibility and Robustness

Pharos Systems has been delivering solutions for Higher Education since 1992. Our flexible, full-featured, and hardened 8th generation software is used by thousands of colleges and universities around the world. It just works!

- Have it your way – Uniprint is the benchmark for fitting into the wide range of IT environments found in Higher Education and for meeting each institution's unique requirements. Pharos solutions are designed for flexibility. One-size-fits-all does not apply.
- Gateways – Our solutions for Higher Education are designed with gateways for easy integration with campus billing systems from vendors such as Blackboard, CBORD, and Heartland Campus Solutions. We also support dozens of card systems—and add more all the time.
- It keeps going and going and going – Our solutions are so robust that users can keep printing and copying even if the connection to the database server is lost.

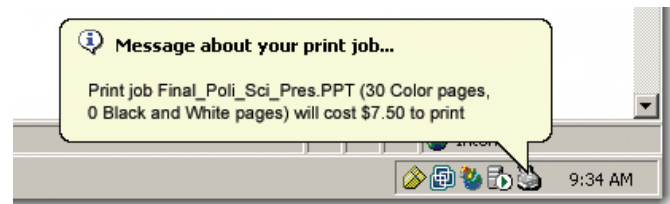


Blackboard



## Use Informed Print to Encourage Responsible Printing

The Informed Print feature of Uniprint allows you to share important print job information with users when it will have the most impact: immediately after they send a job to a printer. For instance, you can use Informed Print pop-ups to notify users about the cost of their print jobs. Most people have no idea how expensive printing is, so cost information can help them make more responsible printing decisions, even when they are not being personally charged for printing.



## Pharos Systems ([www.pharos.com](http://www.pharos.com))

*Pharos Systems International, Inc. provides powerful and innovative print management software and services to corporations, educational institutions, and libraries across the globe. Our solutions save customers money, reduce waste, and make it easy to secure devices and documents. Pharos was founded in 1992 in Auckland, New Zealand, where it maintains a large facility. Corporate headquarters are in Rochester, NY.*



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