



Pharos Systems



Pharos Solutions for the K-12 Market

Customer Requirements

School Systems and Districts are looking for a solution that will enable them to manage printing and copying thereby reducing costs, supporting environmental sustainability initiatives, and automating accounting functions. They are looking for a way to:



- Set quotas for print/copy/scan and charge students/community groups when they exceed them
- Track print/copy/scan by user and device
- Control spending on paper, toner/ink, and equipment
- Make printing more eco-friendly
- Make printing more convenient and secure
- Make it easy for faculty, staff, and administrators to charge print/copy jobs to a cost center, grant, department, or club
- Make fact-based decisions about adding, removing, and relocating equipment

With Pharos K-12 Solutions You Can:

- Reduce faculty, staff, and administration printing expenditures by 30%
- Cut printing waste by as much as 30 to 50%
- Accurately and easily charge back print and copy expenses to internal departments, cost centers, student clubs/activities or grants



“The climate benefits of reducing paper consumption are significant. If, for example, the United States cut its office paper use by roughly 10 percent, or 540,000 tons, 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.”

Source: www.environmentalpaper.org/stateofthepaperindustry

Improve Services for the Entire School District or Community with Secure Release Here

Secure Release Here® is a powerful Pharos 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.

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 or district’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 Pharos 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.
- No one has to rifle through stacks of paper looking for their printouts.
- 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 Pharos system, regardless of its location in the building or district.

Simplify Your Chargeback Process

The Departmental Chargeback feature of the Pharos solution makes it easy for faculty, administration, and staff to bill print/copy jobs to departments, cost centers, or programs.



- They simply select a cost center from a list displayed on the Pharos user interface and the system does the rest.
- This includes generating reports that show the page volume and associated dollar value allocated to each cost center.
- With Departmental Chargeback it’s a simple process to bill back printing/copying costs to departments, activity centers, or community sponsors/clubs.



Educate Users

The Informed Print feature of the Pharos solution helps change users' printing behavior by providing them with information about their print jobs that they can't get from other sources. For example, when users submit a print job, Informed Print can pop up a window on their computer that tells them how much it will cost.

Most people have no idea how expensive printing is, and this information can help them make more cost-effective choices. They might print a document in black and white instead of color, print fewer versions of a document, or decide not to print it at all.



Choose Among Multiple User Interface Solutions

- Pharos iMFP solutions – Pharos Systems has partnered with Canon, Hewlett-Packard, Konica Minolta, Lexmark, Ricoh, Sharp, Xerox, and other leading printer vendors to create families of integrated multifunction printers (iMFPs) that harness the power of The Pharos solution 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 160 iMFP models to choose from.



- Pharos Omega PS150/PS200 – The user interface to The Pharos solution is also available on the Omega PS150/PS200, a digital controller with a large, full-color touchscreen that mounts on the printing device. The PS150/PS200 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 single-function 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.



Measure Your Waste Savings



It's easy to measure how much printing waste your District/Building has eliminated with Pharos 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.

Support Your District's Green Initiatives



Pharos directly supports your environmental sustainability initiatives. Both Secure Release Here and Informed Print enable users to make responsible printing decisions—to print only what they really need. The result is a reduction in overall printing volume as well as printing waste. It's not unusual for sites with Informed Print to see a 30% reduction in print volume overnight, while Secure Release Here is associated with reductions as high as 50%.

Secure Release Here is particularly effective in cutting volume and waste because it gives Teachers/Administrators/Students the opportunity to decide which print jobs to release out of all those they've submitted. And because they have to be physically present at the printer to release their jobs, there is no need to print banner pages to help people locate their documents. This can mean a huge difference in the war in waste. An average district with 1,000 people could save up to 1.6 million pages per year and \$33,500 in costs simply by eliminating banner page printing.

Pharos makes it easy for you to see how much printing waste you've eliminated with Secure Release Here. Pharos 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.

Never has doing the right thing for the environment offered such an immediate and quantifiable economic return. Pharos can help you go green and save green at the same time.

Pharos Systems (www.pharos.com)

Making every print an intelligent decision™ is the mission of Pharos Systems International. Pharos provides powerful print management and optimization solutions to corporations, educational institutions, and libraries across the globe. Pharos software and services save customers money, reduce waste, and make it easy to secure devices and documents. The company was founded in 1992 in Auckland, New Zealand, where it maintains an R&D facility. Corporate headquarters are in Rochester, NY.



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