

Pharos Integrated Multifunction Printers

Transform Campus Print/Copy with an Embedded Solution for Sharp OSA®-Enabled MFPs



Pharos Systems International has created an integration of Pharos print management software and Sharp OSA®-enabled multifunction printers (MFPs). The resulting **iMFP (integrated MFP)** harnesses the power of Pharos Uniprint® and Pharos Off-The-Glass® directly from the touchscreen control panel of the Sharp MFP. A single device is thus capable of delivering not only print, copy, scan, fax, and e-mail services but also Pharos-powered authentication, print release, and print/copy accounting.

Integration with Pharos Uniprint and Off-The-Glass enables cost recovery via student pay-for-print and pay-for-copy. The iMFP is locked down until users authenticate themselves by swiping a magnetic stripe ID card, holding up a proximity ID card, or entering a username/password. The Departmental Chargeback feature enables faculty and staff to charge the cost of the jobs they print or copy on the iMFP to a particular grant, department, or budget center, enabling institutions to easily track and manage output expenses. The Secure Release Here® application allows users to submit jobs from their computer and then release them for printing at the iMFP that's most convenient, regardless of where it's located on campus. Jobs can only be printed when the person who submitted them is physically present at the iMFP, so confidentiality is protected—and documents don't get lost in piles of printouts.

- **Cost Savings**
- **Waste Reduction**
- **Security**
- **Flexibility**

The Pharos iMFP solution also helps campuses go green while improving their bottom line. With Secure Release Here, users select the documents they really need to print using the iMFP's touchscreen, deleting (or letting the system delete) unnecessary or redundant jobs. This can have a major impact on waste and its associated costs.

Behind the scenes, the system collects usage data by individual and group as well as print/copy volumes for each device, enabling fact-based decisions to be made about relocating or adding equipment.

For a list of supported Sharp OSA-enabled MFPs that can be transformed into iMFPs with portals to Pharos Uniprint and Off-The-Glass, visit www.pharos.com/Sharp-iMFP.

Job Name	Cost	Pages
<input checked="" type="checkbox"/> Tuesday session notes.doc	\$0.50	5
<input type="checkbox"/> Account details.xls		
<input checked="" type="checkbox"/> process diagrams-revised.ppt	\$2.75	11
<input checked="" type="checkbox"/> Schedule.doc	\$0.80	8
<input type="checkbox"/> Evans-project-trend-data.xls		
Total:		\$4.05 24



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Features and Benefits



- **One device does it all** – With copy volumes shrinking and print volumes growing, it makes good financial sense to have one MFP that can print and copy (as well as scan, fax, and e-mail) rather than multiple single-function devices. Embed Pharos solutions into the MFP and the result is an even more powerful iMFP with the same streamlined footprint.
- **Single user interface** – The touchscreen panel of the iMFP contains the interface to the user-facing features of Uniprint (for print) and Off-The-Glass (for copy). The same Pharos user interface is featured on all supported Sharp OSA-enabled MFPs.
- **Campus cards** – A wide range of card manufacturers and technologies can be integrated into the system for user authentication and print/copy accounting.
- **Print/copy accounting** – The system calculates printing and copying charges and deducts them from an individual user account, a cost center account, or a balance recorded on a prepaid card. Before a job is printed, the user interface displays the credit balance of the relevant account and the job cost. Printing/copying is disabled if the user has insufficient funds or has exceeded a predetermined credit limit. Uniprint and Off-The-Glass are easily integrated with popular campus billing systems from Blackboard®, CBORD®, and Heartland Payment Systems Campus SolutionsSM.
- **Secure Release Here** – The iMFP is protected from unauthorized use because users must authenticate themselves before they can use the device. And since jobs are only printed when the person who submitted them is physically present at the iMFP, document confidentiality is protected. Secure Release Here also provides users with unparalleled flexibility by enabling them to print their jobs at any iMFP. And waste is reduced because users print only the jobs they really need—rather than every job they submitted.
- **Departmental Chargeback** – Faculty and staff can easily charge the cost of print/copy jobs to a grant, department, or budget center using the iMFP's touchscreen control panel.
- **Reports** – A large library of standard reports is available and the system also integrates with SAP Crystal Reports® for custom reporting.
- **Waste savings** – Uniprint tracks jobs that users submitted but did not print, allowing schools to measure their progress in reducing printing waste.

Pharos Systems International (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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