



As organizations scrutinize their networks to tighten security and reduce costs, they frequently overlook one weak spot: uncollected print jobs. Confidential information often ends up sitting in printer output trays or wastebaskets, where it's exposed to unauthorized viewing and redistribution. Unclaimed and lost printouts are expensive, too. They waste paper, toner and ink and maintenance resources, and they may need to be destroyed securely.

What if you could...

- Release print jobs from shared printers only to the person authorized to receive them—when he or she is standing at the device?
- Shrink your organization's environmental footprint and hold down costs by reducing wasteful unclaimed printing?
- Allow users to print from the device that's most convenient, freeing them from dependence on specific printers?

That's alternative thinking about printing.

Solution at a glance

The HP Access Control Secure Pull Printing Solution is an integral component of HP security solutions. It protects sensitive data by requiring authentication at the printer, and gives users the ability to print where and when they want.

HP Pull Printing Solutions protect sensitive data by requiring authentication at the printer, while giving users the flexibility of authenticating at multiple devices.

1. The user sends the print job to a generic queue on the server.
2. The server holds the job, pending authentication.
3. The user authenticates at any printer. Options include customized solutions such as personal identification number (PIN) entry; proximity cards, smart cards and swipe cards; and biometric devices.
4. The printer "pulls" the job from the server and delivers it.

We understand that pull printing needs vary by organization, so we also offer a variety of solutions from other leading providers such as Capella Technologies, EPSoft, Equitrac, Jetmobile, Pharos Systems International and SafeCom. Security solutions let you encrypt data from its source to the printer and limit control over printer access. Cost-recovery options help you manage operational and infrastructure expenses, and allocate costs equitably among departments or individual users.

Technology for better business outcomes



HP Pull Printing Solutions deliver value to multiple sectors, including:

Higher education. HP's solutions help schools and universities implement a pre-pay policy for print and copy services, converting them from a cost center to a profit center. Pull printing also reduces waste and eases congestion. Students and faculty no longer have to hunt through piles of printouts to find their documents.

Healthcare organizations. HP can help you protect patients' medical information and strengthen compliance with privacy regulations.

Financial services. HP Pull Printing Solutions guard against theft of customer information and reduce the cost of storing and destroying confidential documents.

And HP's solutions meet organizations' high standards for efficient, environmentally responsible technology. Users can print wherever they are, they print only what they need, and they collect whatever they print. With the reduction of wasteful printing, many customers estimate a 10–30% reduction in paper use.

HP at work around the world

A large European health insurer wanted to improve its protection of customers' personal data by reducing the time between printing and retrieval of confidential documents. The company chose a pull printing solution that includes a fleet of HP printers equipped with security terminals. Now employees use a PIN number or smart card to collect their documents on demand at any convenient printer, greatly improving document security and data privacy.

Why HP?

HP three-part approach

HP works with you to assess, deploy and manage an imaging and printing environment tailored to meet your business needs, while helping you reduce costs, conserve resources and simplify document-intensive processes. HP's three-part approach:

Optimize infrastructure

HP can help you achieve a balance between your total cost of printing and your needs for user convenience and productivity.

Manage environment

Working together, HP can help you maintain your optimized infrastructure while improving business efficiency and tightening security.

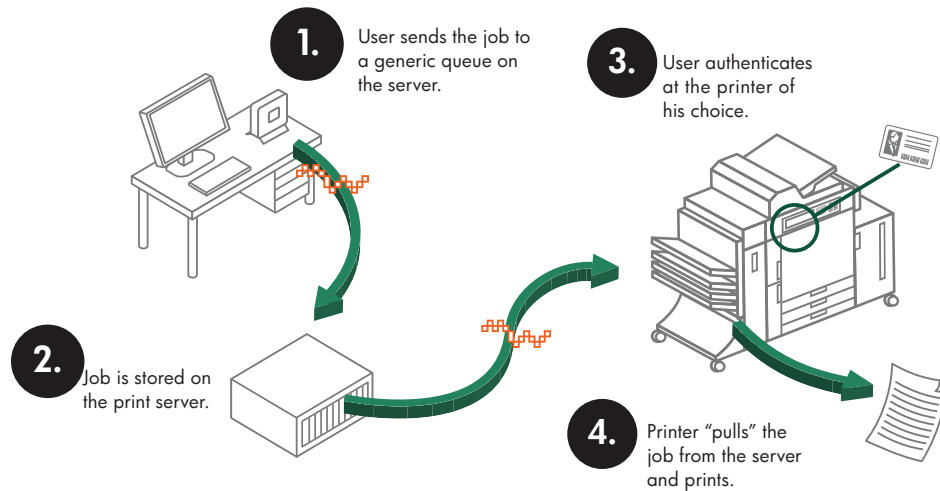
Improve workflow

By streamlining your document-intensive processes, HP can help you deliver a more efficient environment for capturing, managing and sharing information.

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Figure 1. Pull printing workflow



HP is recognized as the global leader in imaging and printing solutions for large organizations. We offer technical expertise and reliable products and solution sets that allow our customers to benefit from:

- Consulting services, including procurement, installation, management, and support that can be customized to enhance your organization's effectiveness
- Relationships with industry-leading solution providers
- Powerful solutions to optimize your environment, improve the bottom line, and help the planet

How do you get started?

Contact your local HP representative to:

- Set up a workshop with HP to assess your specific business needs.
- Establish a plan to implement the best solution for today and into the future.
- Identify an environmental approach that can help your company save money.

To learn more, visit www.hp.com/apac/enterpriseprint.

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