



Set Up a Secure Cloud Environment for Public Printing Locations

Public Printing Solution: How it Works?

Document Access and Upload

ePRINTit™'s Public Printing Solution offers your business several ways to enable your customers to access and upload their documents to the ePRINTit™ cloud, for a secure, seamless and swift printing experience. As outlined in the Education section of this whitepaper, the access points for the public printing solution are also similar, with a few notable distinctions.

In terms of the mobile option, ePRINTit™'s Public Printing Locations (PPL) application can be downloaded by customer's using Android and Apple devices. Users can upload their documents securely to the ePRINTit™ cloud, directly from their mobile devices. As the PPL application offers an account-less interface, users print without having to create an account, subsequently receiving a randomized 8-digit release code each time they send print jobs to the ePRINTit™ cloud.

The ePRINTit™ Web Portal option for public printing allows users to visit the portal website through any internet-connected device, on any standard web browser. Users first chose their desired ePRINTit™ printer location, and then proceed to upload all print jobs to the ePRINTit™ cloud for printing at their selected release station. Users will receive an 8-digit release code after submitting their files.

Customers wanting to use the USB option for public printing can also do so at enabled locations by inserting their USB drives containing their print jobs, at participating ePRINTit™ kiosks, and following the simple, on-screen instructions that ensue.

The direct email option for public printing is identical to that of the education solution. Customers can email their documents to a partner-specific email address, as attachments, and will receive an automated reply containing a secure 8-digit release code.

Print Location Discovery and Document Retrieval

Public users of the PPL mobile application and Web Portal options are required to select a location for print job release during the print file upload process. The application has a built in geolocation feature, allowing users to automatically see the printers in the nearby vicinity and select the printer they desire. Users sending their documents via email or using the USB option for release can alternatively search for a print location through the location search bar within the application, or web portal.

ePRINTit™'s Public Printing solution offers the same print job retrieval options as the education solution, including Kiosk stations, Desktop or Tablet Release stations, and Printer Release stations, with the only differences being two. Firstly, all authentication occurring at the public print release site is done through the entering of the secure 8-digit release code, as the public printing solution is an account-less solution. Secondly,

as there is an absence of accounts, there is consequentially no process for payment through account managed funds, and therefore users must pay via standard payment options at the printer.

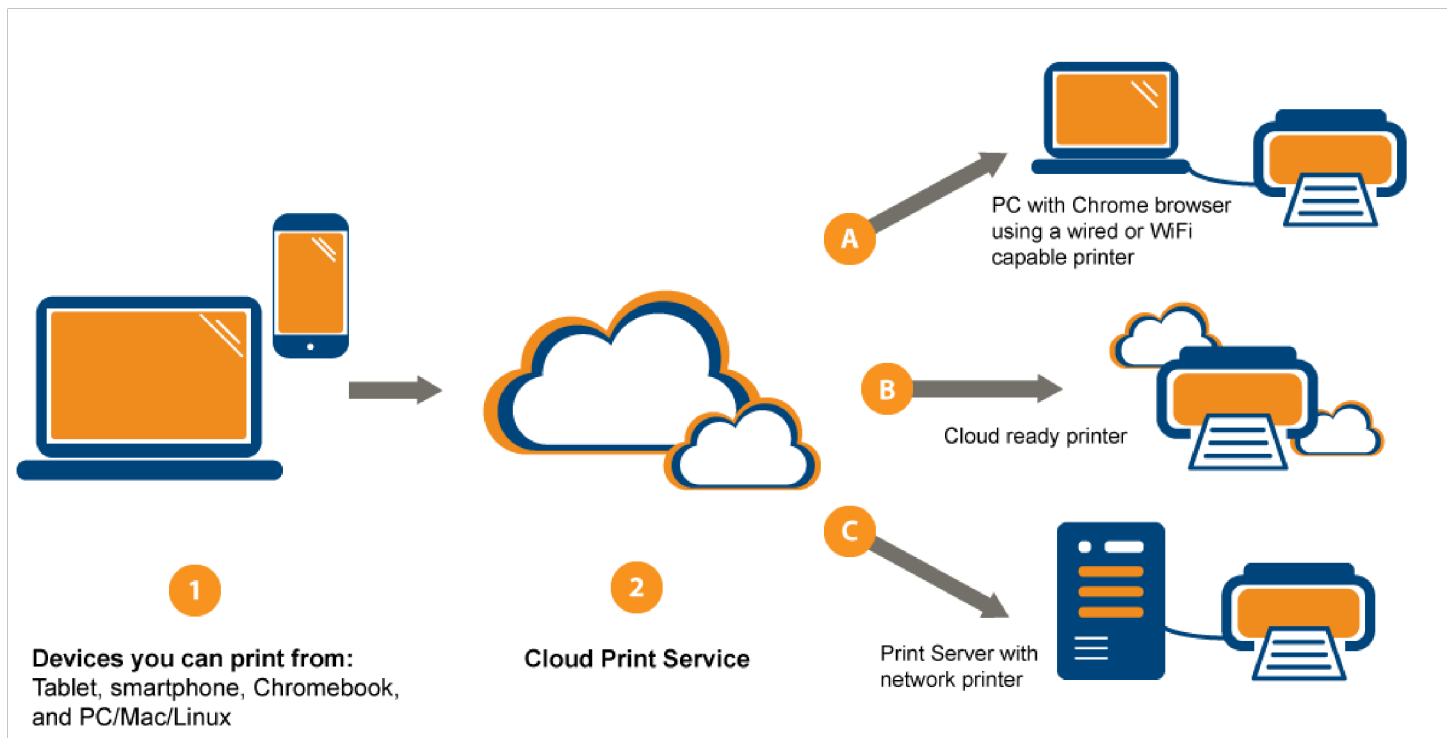
Ultra-Secure Communication: End-to-End Encryption of all Print Jobs

With all communication in both public and education printing solutions taking place over secure Hypertext Transfer Protocol (HTTPS), user documents are completely secure, beginning from the point they upload their documents to the ePRINTit™ cloud, up until they retrieve their hardcopies from print stations.

After print jobs are sent to the ePRINTit™ cloud, files are encrypted and stored in a secured provider-specific locker repository, only to be released from the secure cloud to the ePRINTit™ print release stations when users authenticate by entering release code at the printer.

The ePRINTit™ solution deploys advanced encryption standardized (AES) 256-bit secure hash algorithm (SHA-2) encryption, with a rotating cryptographic key policy in which specific keys are used for each provider repository, and are periodically changed, minimizing the risk of a potential security breach. Metadata about the content including file names, sizes, and the release codes, is encrypted and stored in a Job History database.

With regular anti-malware intrusion detection, denial-of-service (DDoS) attack prevention, and penetration testing, ePRINTit™ ensures that security standards are constantly being upheld. Automatic print job deletion and destruction of all documents, with no possibility to recover, guarantees that user files stay in the cloud for only a limited amount of time, as dictated by service provider.



About ePRINTit™

ePRINTit™ is recognized as a global leader for their development of Public Print, Higher Education, and Hospitality Printing Solutions. In today's mobile world, ePRINTit™ is revolutionizing the way its customers live, work and play on-the-go™. Be a part of the solution and change the way we print in a shared economy, all while leveraging your brand and revenue opportunities.

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