PrinterOn Cloud Print Platform June 2013 Upgrade Notice

Product Changes and Enhancements

The PrinterOn Cloud Print Platform provides a wide range of services to customers and partners. Services include PrinterOn's Cloud Print Servers that offer print services for mobile apps, email and through PrinterOn's customizable Web Print Portal. The PrinterOn Web Services also offer PrinterOn's web-based service administration portals and PrinterOn's APIs.

This upgrade to PrinterOn's Cloud Print Platform is a significant update focused on overall performance of the Print Platform. Improvements include enhancements to all aspects of the print workflow including job print performance and the print data delivery infrastructure.

Significant improvements have been introduced that reduce job download performance to PrinterOn enabled printers using PrinterOn's Print Delivery Station or Ricoh HotSpot Embedded software. Enhancements are noticeable for all PrinterOn deployments, with additional significant performance improvements noted in non North American installations.

This upgrade has introduced a number of improvements including:

- **New – Push Notification**
  The introduction of push notification to PrinterOn Cloud Print platform infrastructure enables Print Delivery Station (PDS) to automatically download new jobs as soon as they are ready, making the printing process even faster for end users. PrinterOn has introduced an industry first by combining the reliability of PrinterOn patented polling technology with the network efficient push notification.

  PrinterOn's Print Delivery Station software and the PrinterOn PrintConnect Release Application have been updated to support PrinterOn's Push Notification. PrinterOn users will immediately benefit from the new push notification upon upgrading their PDS software or PrintConnect devices.

- **New – PrinterOn Remote Release**
  PrinterOn Remote Release extends PrinterOn's existing global Cloud Print infrastructure beyond printing. By leveraging the same infrastructure developed by PrinterOn, print providers may now offer their users the ability to release print jobs from any network anywhere in the world on any device.
  PrinterOn administrators may enable the new PrinterOn Remote Release along with other print services on the "*Required Settings"* section of the administrative dashboard.

  PrinterOn mobile applications have been updated to complement this new functionality, allowing mobile users to access this functionality automatically after printing to enabled print services.

- **New** – **PrinterOn Discovery Advertiser For Public**

  PrinterOn Discovery has been extended to support PrinterOn Public Cloud services including Hotels, Libraries and other supported deployments. PrinterOn has introduced new tools that allow users of PrinterOn's Mobile Applications to automatically discover and print to Public services.

  The PrinterOn Advertiser advertises available print services within a local area network. When coupled with PrinterOn's Mobile Apps, users are automatically presented with those print services available on the network such as business center printers.

- **Improved** – **Cloud Print Infrastructure Performance and Capacity**

  Significant improvements have been made to PrinterOn's Cloud Print Infrastructure. Improvements have provided up to a 10-times increase in print job delivery network performance. Increases in performance are highly visible within Asia and the Middle East.

  PrinterOn has also increased the capacity of the PrinterOn Print Cloud. The service is now capable of handling 3x the print volume, providing greater performance and capacity while minimizing impacts to users in peak usage times

  New – **Print Delivery Station and PrintConnect Management Tools**

  The PrinterOn Administrator's Dashboard has been updated to include new robust and easier to use software management tools. New tools provide easier management for both simple and complex software deployments including easier management when using multiple PDS instances and simplifying the process of associating printers with software instances.

- **New** – **Japanese Language Support**

  PrinterOn's Cloud Print platform now supports Japanese in addition to the existing set of supported languages: English, French, German, Dutch, Spanish and Italian. Japanese language support includes PrinterOn Web Printing Portal, Email Print and PrinterOn's Mobile Apps.

- **Improved** – **PDF Print Support**

  Significant improvements in PDF support including broader document version support and output quality.

- **Improved** – **Email Body Printing**

  Improved printing of email bodies including complex formatting, such as support for embedded images in email bodies and bulleted lists. Included greater compatibility for email print jobs forwarded from a variety of mail clients including iOS and some web mail clients. Identified the cause reported by some users where HTML-based email may be cropped or "zoomed".

- **Improved** – **Email Client Compatibility**

  Significant improvements have been made to ensure a consistent experience and greater compatibility for jobs submitted from a variety of email clients including iOS and OS X mail client, Gmail and other web based mail clients.

- **Improved** – **Embedded image support**

  Improved WYSIWYG support for printing images embedded in HTML-based email.

- **Fixed** – **Attachments Ignored when Printing via Email**

  Addressed an issue that resulted in some attachments being ignored when printing via email. Symptoms include attachments not being printed and no references to jobs in email responses.

- **Improved** – **Australian Regional Support**
  Added support for specifying Australian states and territories when configuring printer address metadata.

- **Fixed** – **(Admin) Increased Supported Company Name length**
  Increased the maximum length for Company Name information set within the PrinterOn Administrator Dashboard.

- **Fixed** – **Apostrophe in Email Addresses**
  Addressed in issue that could cause print requests to be rejected if the email address contained an apostrophe.

- Numerous other improvements to PrinterOn's Cloud Print platform

Please contact support@printeron.com if you have any questions.