PrinterOn Enterprise Private Cloud Print Platform Release Notes

Enterprise 2.5 – PSIM 2.5

Product Changes and Enhancements

PrinterOn's Enterprise Server provides Enterprise-grade cloud print services for Corporate, Enterprise or Education use. This private cloud solution leverages PrinterOn's years of mobile print experience to provide a complete printing solution for native mobile apps, email, web and desktop printing.

Among the over 100 additions, enhancements and improvements, this release of PrinterOn Enterprise introduces support for Microsoft's Exchange Web Services, as well as new file formats including XPS and support for using locally installed print drivers in addition to PrinterOn managed print drivers.

This release of PrinterOn Enterprise is complemented by a major update to all PrinterOn mobile applications including those for iOS and Android. The combination of PrinterOn Enterprise's ability to meet the simplest to the most complex network and infrastructure requirements along with the ease of use and best in class mobile applications, makes the PrinterOn platform a uniquely powerful yet user friendly solution.

The following are some of the enhancements and improvements that have been made in this version of the PrinterOn Enterprise Platform.

PrinterOn Enterprise New Additions

- **New – Microsoft Exchange Web Services Support**
  PrinterOn Enterprise now supports Microsoft's Exchange Web Services (EWS) to support email printing. The new PrinterOn integration for EWS offers a simpler integration and greater quality output for email body printing. The Exchange Web Services integration extends PrinterOn's existing wide range of email integrations including IMAP4, Lotus Domino and Microsoft MAPI.

- **New – File Format Support**
  PrinterOn Enterprise now offers native support for the XPS file format, as well as integration support for the Hancom Word Processing (HWP) format.

- **New – PrinterOn Enterprise Local Driver Management and Support**
  PrinterOn Enterprise administrators may now manually configure the Enterprise server to use locally installed drivers in addition to the PrinterOn managed drivers. This new feature will allow administrators to configure individual print queues to use any print driver, independent of whether PrinterOn directly supports the driver.

- **New – Ricoh HotSpot Embedded MFP for Enterprise v5.4**
  The Ricoh HotSpot Embedded MFP for PrinterOn Enterprise offers a fully embedded plug & play MFP solution for customers. This version of HotSpot Embedded includes:
  - Ricoh SDK/J 12 support
  - Authenticating Reverse Proxy Support
  - Various localization improvements

Mobile Application Additions and Enhancements

PrinterOn mobile applications have been updated along with the PrinterOn Enterprise product to offer a broad range of Mobile Device Management and Mobile Application Management integrations.

- **New – Good Dynamics MDM Support**
  PrinterOn Mobile for iOS and Android Mobile Apps application now supports Good Dynamics and the integrated SDK, providing additional security and integration with the Good Dynamics platform for PrinterOn Enterprise customers.

- **New – MobileIron MDM Support**
  PrinterOn Mobile for iOS now supports MobileIron and the integrated SDK, providing additional security and integration with the MobileIron platform for PrinterOn Enterprise customers. PrinterOn Mobile for Android supports the MobileIron app wrapping.

- **New – Symantec Sealed MDM Support**
  PrinterOn Mobile for iOS and Android Mobile Apps provide compatibility with the Symantec Sealed program, providing additional security and integration with the Symantec Sealed platform for PrinterOn Enterprise customers.

- **Updated – AirWatch MDM Support**
  PrinterOn's iOS application for AirWatch has been updated to the latest version of the PrinterOn application. AirWatch SDKs included with the PrinterOn application have been updated to the latest version.

- **New – Mobile App Print/Output Options**
  PrinterOn Mobile for iOS now supports extended print options including:
    - Duplex control
    - Paper Size selection
    - Color or Mono selection
    - Collate control

  These are in addition to PrinterOn's existing page range and copies options, providing complete control over the print experience.

Compatibility and Output Quality Enhancements

- **New** – **Samsung Universal Driver Support**
  Added support for Samsung's Universal print driver that includes the ability to provide additional device-level output optimizations while printing.

- **Improved** – **Mixed language email body print**
  Improved support for printing emails that contain multiple languages in the email body. Some emails including different encodings could have resulted in some characters being incorrectly rendered.

- **Improved** – **Native iOS Print Quality**
  Significant improvements in the output quality of print jobs submitted when printing from iOS devices using the native print workflow

- **Improved** – **International Language Support for Printer Definitions**
  Many improvements supporting international languages and characters in various printer definitions, and configuration options including printer names, department names, printer location descriptions and addresses.

- **Improved** – **Print Option and Driver Compatibility Support**
  Significant improvements in print options and driver compatibility including:
    - Improved Duplex support for some drivers including the HP Universal PCL driver.
    - Improved support for PowerPoint and PDF orientation and output fidelity
    - Improved support for user selected duplex options for some PDFs and Word documents
    - Improved Page Range support for some Excel and OpenOffice files

Other Improvements and Enhancements

- **Improved – Bypass Printer Selection Page for Single Printers**
  Administrators may now choose to allow users to skip the printer selection page in CPS web print when the user is only presented with a single printer.

- **Fixed – Failed to Print Word Document that Contains Only Images**
  Addressed an issue that caused a job to incorrectly report that the document was empty when the Word document contained only images.

- **Fixed – Internal Characters in Department Names**
  Addressed an issue that caused some International Characters to appear as question marks ('?').

- **Fixed – Unable to View Geo-Codes Selection Map with some International Addresses**
  The Geo-Code Selection Map was blank when entering some international addresses on the printer address field.

- **Fixed – PasPort fails for Some Email Jobs with no Subject**
  Addressed an issue that caused some emails to fail when the subject line is blank.

- **Fixed – PasPort Service Start Mode Overwritten During Upgrade**
  Addressed an issue that caused the PasPort Windows Service startup type to be set to Automatic after upgrading.

- **Fixed – Pasthru Setting Changes Overwritten During Upgrade**
  Addressed an issue that caused the PasThru print settings to be overwritten during an upgrade. Settings are now preserved after the upgrade is completed.

- **Fixed – PrintAnywhere Server URL in CPS Overwritten During Upgrade**
  Addressed an issue that caused changes to the PrintAnywhere Servlet URL to be lost when updating the CPS software version.

Installed Product Information

PrinterOn Enterprise 2.5 (BH) includes the following software:

- Central Printing System 2.5.12
- PrintAnywhere Server 4.8AC
- Print Delivery Gateway 1.3AA
- Print Delivery Hub 2.6EK
- Print Delivery Station 2.6EK
- Dr. Print 1.8BB
- Sun Java Runtime Environment 1.7.0.55
- Tomcat 7.0.54
- CPS Dashboard 1.4.23
- PrintWhere® 4.8AC

System Requirements

- A dedicated physical server or virtual machine
- Intel compatible processor with 2GHz multi-core processor
- 2 GB RAM minimum (4 GB recommended)
- 2 GB of free disk space for PrinterOn Enterprise software and third party applications
- Windows Server 2008 (32-bit or 64-bit) or Windows Server 2012 (64-bit), with current patches installed

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