

PrinterOn Enterprise Private Cloud Print Platform Release Notes

Enterprise 2.3 – PSIM 2.3

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.

This release of PrinterOn Enterprise focuses on providing even more options to connect users, their devices and infrastructure services to the PrinterOn Enterprise platform. This release introduces support for Google Cloud Print, and native Windows print server integrations using the new PrinterOn Queue Management System. These additions make it even easier to connect from nearly anywhere to the PrinterOn platform. This release is also intended to simplify deployments, meet customer specific requirements and address numerous reported enhancements.

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, make 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 – Google Cloud Print Support**

PrinterOn Enterprise 2.3 now supports a native Google Cloud Print integration.

Some of the key benefits of PrinterOn's Google Cloud Print integration include:

- Centrally manage and selectively enable Google Cloud Print support for individual printers or MFPs.
- Integration with Active Directory and LDAP services, to provide user mapping between Google Accounts and internal AD/LDAP user names.
- Print Management support allows user information to be delivered to 3rd party print management solutions and provide broad support to most print management providers. *Please note that release code workflows are not yet supported between Google Cloud print jobs and print management servers.*
- Secured global Google Cloud compatible printer deployments for non-Google Cloud Print compatible printers and MFPs.
- Guest Printer support allows administrators to disable authentication for select printers or MFPs.

- **NEW – PrinterOn Queue Management System (PQMS)**

The PrinterOn Queue Management System introduces and supports a direct integration with “standard” Windows servers and queues. The PQMS allows organizations to link traditional print infrastructures with PrinterOn Enterprise’s Cloud Print Platform and the ability to distribute print jobs globally with little or no configuration or IT requirements.

PQMS is designed to:

- Assist in the migration from traditional print servers to a lightweight and centrally managed print solution.
- Connect existing applications and services to modern Cloud Print services.
- Connect printers globally across multiple networks using PrinterOn’s patented delivery infrastructure
- Reduce the need for complex and expensive VPNs.

PQMS has already been successfully deployed and proven in real-world customer environments and is already helping to provide new workflows and exciting opportunities for PrinterOn customers.

- **NEW – PrinterOn Discovery Service Broadcast from the Print Delivery Gateway (PDG)**

PrinterOn’s PDG now supports independent re-broadcasting of PrinterOn Enterprise print service and automatic synchronization of services and printers for use with PrinterOn’s mobile applications. This functionality allows PrinterOn mobile app users to automatically discover print services from nearly any network, and securely connect to a central print server.

PDG can be deployed in any network and provide secure print access using a wide variety of print protocols. Whether printing from PrinterOn’s own mobile application, iOS devices, Android devices or Google Cloud Print compatible applications, the Print Delivery Gateway provides the ability for these applications and devices to discover and connect to a remote and secured Enterprise server, with little or no configuration at all.

- **New – Remote Job Release for Enterprise**

Remote Job Release for Enterprise enables users to release print jobs from any network anywhere in the world easily with a single touch and allows users to release print jobs without the need to be on the same network or near the printer. PrinterOn Mobile Apps automatically detect support for Remote Job Release and provide users with the option to securely release a print job directly from the mobile device.

NOTE: Requires the installation of a PrinterOn Print Delivery Hub and a PrinterOn managed release station

- **New – Danish Support Localization & Language Support**

PrinterOn Enterprise now supports **Danish**. This is in addition to the existing languages: English, French, German, Dutch, Spanish, Italian, Japanese, Simplified & Traditional Chinese, Brazilian Portuguese and Korean.

Services and Infrastructure Enhancements

- **Improved – PDF Print Quality**
Overall improvements in PDF print quality and performance. Also addressed an issue identified by some customers that cause certain characters to not be properly printed when using some PCL print drivers.
- **Improved – UTF-8 character support and optional configuration in PJI headers**
Improved support for non-ASCII characters in print job data to provide greater compatibility and improve delivery of job name information to printers/MFPs and print management solutions.
Administrators may now also manage per-printer control of UTF-8 encoding of information in print jobs.
- **Improved – Language Specific URLs Specification**
Allow users to access localized pages by specifying the desired language in the portal URL. This may be useful for integrations wanting to directly link to a language specific page.
- **Improved – Japanese Language Support**
Addressed some localization issues in email responses when using Japanese as the default language.
- **Improved – PrintAnywhere Memory Utilization**
Improved overall memory utilization in PrintAnywhere[®], particularly under heavy load. The greatest impact is seen in the PrintAnywhere Status Server.

Other Improvements and Enhancements

- **Improved – PowerPoint file format support**
Addressed an issue that caused a small number of PowerPoint files to fail to print and report error PAS00098.
- **Improved – HP printer compatibility printing PDFs on 32-bit Windows servers**
Addressed an issue that caused some PDFs to fail to print when printing to HP printers running on 32-bit versions of Windows.
- **Fixed – PDFs printing on incorrect paper size when PDF page size differs from default paper size**
Addressed an issue that caused some PDFs to print using the incorrect paper size if the PDF page size differs from the default paper size configured for the printer. For example, a PDF may print on A3 paper when the default configured paper size is A4. Occurred primarily when submitting from mobile devices or email.
- **Fixed – %-sign in Open Document Format (OpenOffice) document names fail to print**
Addressed an issue that caused documents with %-signs in the file name to fail to print when using OpenOffice or LibreOffice to print.
- **Fixed – Printer Settings Copy Issues**
Addressed an issue copying the “Secure” setting for printer metadata when transferring settings from one print to another.
- **Fixed – CPS log settings unintentionally changed to Fine during upgrade from 1.9**
Addressed an issue that cause the CPS log settings to change to Fine during an upgrade from version 1.9 to 2.x.

- **Fixed – PDG: Incorrect response when testing connections to non-SSL CPS server**
Address an issue in which PDG incorrectly reported a successful connection when using the “Test Connection” button and communicating with a non-SSL server.
- **Fixed – User Email Lookup and multiple domain filters**
Addressed an issue that caused the Domain Filter check to fail if a space was added in the list of email domains configured in PrintAnywhere Configuration Utility.

Installed Product Information

PrinterOn Enterprise 2.3 includes the following software:

- Central Printing System 2.3.08
- PrintAnywhere Server 4.6DI
- Print Delivery Gateway 1.1DK
- Print Delivery Hub 2.6DU
- Print Delivery Station 2.6DU
- Dr. Print 1.8BA
- Sun Java Runtime Environment 1.7.0u17
- Tomcat 7.0.47
- CPS Dashboard 1.4.20
- PrintWhere® 4.6CJ

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.