PrinterOn Enterprise Private Cloud Print Platform Release Notes

1.9 R2 - PSIM 1.9MQ

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 is a significant update which expands on PrinterOn's existing solution to provide greater support for complex network requirements, 3rd party solution integrations and greater security while maintaining an easy-to-install experience.

PrinterOn is also pleased to announce additional integrated solutions for a number of Ricoh's print management solutions. Combined, PrinterOn Enterprise and Ricoh offer a range of solutions that meet the needs of small businesses, educational institutions as well as the world's largest corporations.

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

Services and Integrations

- **NEW – Multiple LDAP Authentication Support**
  PrinterOn has extended its existing LDAP and Active Directory authentication services to efficiently support multiple authentication servers at once. The new optimized solution allows over 10 servers to be queried simultaneously providing simple integrations with complex authentication structures.

- **NEW – PrinterOn API for Print Management Integrators**
  PrinterOn is pleased to announce the introduction of PrinterOn's API for Print Management Integrators. This new API leverages industry standard technologies to simplify the process of integrating and exchanging advanced job-tracking information with print management software providers.

- **NEW – Ricoh ELP-NX and Streamline NX Support**
  PrinterOn's solutions now support integrations with multiple print management and job routing solutions from Ricoh Corporation. PrinterOn empowers Ricoh customers to add cloud printing capabilities alongside Ricoh product features such as Follow-Me printing, privacy code job release and advanced job tracking.

- **Improved – Print Job Owner Management**
  Significant improvements have been made to how PrinterOn Enterprise delivers job owner information with print jobs. Enhancements allow for configuration flexibility and deployment with common Equitrac print management configurations. These improvements provide extended compatibility with a wide range of 3rd party integrations.

- **Improved** – **PrinterOn ACL User Management**
  Improvements have been made to more effectively integrate PrinterOn's Access Control List authentication services with the PrinterOn Enterprise solution. PrinterOn's ACLs are a simple way to provide additional security to a Private Cloud deployment with minimal overhead and configuration.

Email Printing

- **NEW** – **Gmail Mailbox Support**
  The email print capabilities of PrinterOn Enterprise have been extended to support Gmail's IMAP and SMTP email capabilities.

- **Improved** – **SSL Support**
  Email print server compatibility has been extended and security improved with additional support for IMAP and SMTP over SSL.

- **Improved** – **International Language Support**
  Significant improvements have been made for email printing when emails contain multi-byte characters such as Japanese, Chinese, Cyrillic and more. Improvements include greater support for attachment names as well as email body and attachment contents.

- **Improved** – **Email Body Printing**
  Improved handling of email bodies including printing quoted-printable and other content encodings.

- **Fixed** – **MAPI Connection Monitoring**
  Addressed an issue in which Microsoft's Messaging APIs (MAPI) lost their connection to a mail server and PrinterOn Enterprise did not detect the loss of connection. A new service connection monitoring system has been introduced to monitor and automatically repair a lost MAPI connection.

- **Fixed** – **DomainKeys Identified Mail (DKIM) Support**
  Addressed an issue in which an email message signed with a DKIM signature was incorrectly handled and resulted in an error reported to the user.

Web Printing

- **New** – **Auto-Generated Release Codes for Web-Based printing**
  Web-based printing now supports auto-generated release codes. All print workflows may be configured to support user generated or auto-created release codes.

- **Fixed** – **Web-Based Printing when using Multiple Sessions**
  Addressed an issue that caused an error reported to a user when printing multiple documents using a single browser at the same time.

- **Improved** – **International Language Support**
  Improvements have been made to better handle documents uploaded with multi-byte characters such as Japanese, Chinese, Cyrillic and more. Enhancements ensure document name information is preserved throughout the entire print workflow.

Other Improvements and Enhancements

- **Improved – Enterprise Search Capabilities and Configuration**
  Significant improvements in reliability and stability in many areas including adding printers and updating printer details.

- **Improved – Font Rendering Improvements**
  PrinterOn Enterprise now provides additional tools and services to address font compatibility issues between some mail clients and Microsoft Internet Explorer 9 browser.

- **Improved – Microsoft HTML Rendering**
  Significant improvements have been made to support HTML emails and files that contain Microsoft specific HTML tags. These updates address issues reported where output contained unexpected characters in email print jobs as a result of the MS specific HTML.

- **Improved – Document Format Reporting and Handling**
  Improved the presentation of supported format information and addressed an issue whereby certain formats such as Postscript were accepted by the service but failed to print properly.

- **Improved – Stability and Reliability**
  Significant improvements in reliability and stability in many areas of the Enterprise Server.

Installed Product Information

PrinterOn Enterprise 1.9 MQ includes the following software:

- Campus Printing System 1.6.12
- PrintAnywhere Server 4.3AS
- Print Delivery Station 2.6DD
- Dr. Print 1.7AF
- Sun Java Runtime Environment 1.6.0u31
- Tomcat 7.0.25
- CPS Dashboard 1.4.05
- PrintWhere 3.8BV

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, with current patches installed

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