

PrinterOn Enterprise Private Cloud Print Platform Release Notes

Enterprise 2.5.1 – 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.

This maintenance release of PrinterOn Enterprise provides a number of compatibility and reliability updates.

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 and Improvements

- **New – Bulk Print Configuration and Creation Improvements**
PrinterOn's CSV-based Bulk Printer Creation process has been updated to allow administrators to now configure existing printers in large quantities. The existing Bulk Printer Creation process has been updated to allow for additional configuration options during the creation process including additional printer driver details and printer output destination information.
- **New – Document API job completion notification**
Added the ability for Document API clients to register for job completion notifications when integrating using the PrinterOn Document API, providing an alternative to job status polling.
- **New – PJP headers management for pre-rendered print data**
Administrators can enable PJP header management for pre-rendered print data processed by the PrinterOn server. This addition allows the PrinterOn server to update and extend existing PJP headers while leaving the print data unaffected. In addition, the PrinterOn server can be configured to add PJP headers to jobs and data formats that do not traditionally use PJP, enabling new integration options and workflows using PrinterOn's PJP header extensions.

Print Quality and Compatibility Enhancements

- **Improved – XPS compatibility and output quality**
Improved overall XPS print quality on various operating systems. Updated the print processing logic when PrintAnywhere is installed on Windows 2008R2 and above to provide higher quality output and font rendering. Symptoms included garbled characters for some letters and fonts when printing XPS documents on Windows 2008R2.
- **New – Ability to configure the default encoding for opening TXT files**
Provided a new configuration option to specify the default encoding to use when loading TXT files that may be saved with specific regional encodings. Symptoms included garbled characters printed when submitting TXT files that contain Korean, Japanese or other non-ASCII characters. Note: See the “PrinterOn Enterprise Release Technical Support Notes” for more information.
- **Fixed – Compatibility for PDFs with security restrictions**
Addressed an issue printing PDFs that contain modification restrictions yet still allow printing. Previous versions reported errors printing when modification restrictions were present.
- **Improved – PDF Compatibility with Samsung printers**
Improved overall compatibility with Samsung printers, including fixing issues reported for certain PDFs printing blank pages and PDFs that report error 204.
- **Fixed – Additional blank page output when printing some PNG files**
Addressed an issue that caused an extra blank page to be printed when printing certain PNG files using certain drivers.

Output Option Compatibility Enhancements

- **Improved – Orientation fidelity**
Improved overall document output quality when submitting documents in various formats based on their orientation. New processing has been introduced to detect the optional output orientation for documents based on their “as saved” orientation. Improvements are most visible when printing PDFs, PowerPoint, XPS and Word documents.
- **Improved – Duplex print option fidelity**
Improved overall support for duplex print options including improved fidelity when specifying long edge/short edge duplex options for documents in different orientations.
- **Fixed – Copies option not obeyed with PrintSpots Universal driver**
Addressed an issue that caused the service to ignore the # of copies option when the printer was configured to use the PrintSpots Universal print driver. Symptoms included only a single copy being printed when multiple copies were requested.
- **New – New administration option to disable user supplied PowerPoint orientation print options**
Introduced a new option for administrator to disable user-specific orientation print options. This new option is specifically intended for integrators who wish to have “As Saved” orientation for PowerPoint files. Note: See the “PrinterOn Enterprise Release Technical Support Notes” for more information.

Email Print Enhancements

- **Fixed – PasPort (email plugin) fails to recover from Office 265 connectivity problems**
Addressed an issue that caused PasPort to stop processing email print jobs when configured to use IMAP4 with Office 365. Improvements have been made in the logic used to detect and recover when the connection to Office 365 is temporarily lost. PasPort now automatically detects and reconnects properly with the mail server.
- **Fixed – PasPort (email plugin) stopped unexpectedly**
Addressed an issue that caused the PasPort service to stop unexpectedly when receiving some email print jobs submitted via an iOS device to Office 265 and PasPort is configured to use Exchange Web Services.
- **Fixed – PasPort (email plugin) fails to start automatically after a server restart**
Addressed an issue that caused PasPort to fail to start automatically after a server restart. PasPort now starts automatically if the service is configured as Automatic.

Installation Enhancements

- **Fixed – Unattended installation failed to install PrintAnywhere**
Addressed an issue when using the unattended Enterprise installer, which caused the PrintAnywhere component to fail to install.
- **Improved – Optimized network configuration during installation**
Improved the installation process and reduced the upgrade time during upgrades that caused unnecessary network configurations only required during the initial installation, such as firewall settings, to be performed during an upgrade.
- **Improved – .NET Framework notification during installation**
Added additional .NET framework checks and a notification to the installer if the framework was missing notification during the installation. This validation avoided cases where the installation could complete without the required framework, causing the PrintAnywhere Configuration tool to fail to run.

Other Improvements and Enhancements

- **Improved – Online reports time zones display**
Updated time zones included in reports displayed using the PrinterOn Administrative console to use the time zone in which the report was created.
- **Fixed – Unable to release Email Print jobs for some Release Code configurations**
Addressed an issue that caused an incorrect release code to be returned to a user if printing via email, and the release code configuration was set to “optional” and auto generate release codes was disabled. This combination of options resulted in an incorrect release code being returned in email responses. .
- **Improved – Hours of Operation configuration**
Added support for configuring more than 4 holidays for a single PrinterOn service. Addressed an issue that did not allow Hours of Operation to be copied from one printer to another using the PrinterOn Administrative console.
- **Improved – CPS security enhancements**
Performed numerous security related enhancements to the Central Print Services (CPS).

Installed Product Information

PrinterOn Enterprise 2.5.1 (BS) includes the following software:

- Central Printing System 2.5.21
- PrintAnywhere Server 4.8AR
- Print Delivery Gateway 1.3AA
- Print Delivery Hub 2.6EK
- Print Delivery Station 2.6EL
- Dr. Print 1.8BI
- Sun Java Runtime Environment 1.7.0.55
- Tomcat 7.0.54
- CPS Dashboard 1.4.23
- PrintWhere® 4.8AM

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.