

## PrinterOn Server - Express Edition Release Notes

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PrinterOn Server 3.0.0 – Express Edition

### Product Changes and Enhancements

PrinterOn is pleased to announce the release of PrinterOn Express Edition, a new member of the PrinterOn product line. PrinterOn's Express Edition offers a simple and easy approach to secure mobile printing in an easy to deploy and manage solution.

The PrinterOn Server continues to provide Enterprise-grade on-premise secure mobile print services for virtually any use case, now in a simpler and easier-to-use package. The PrinterOn Server leverages PrinterOn's years of mobile print experience to provide a complete printing solution for native mobile apps, email, web and desktop printing.

Release 3.0.0 of the PrinterOn Server introduces a major upgrade and completely redesigned web-based manager for administrators and a totally new web print experience for users. This release unifies all PrinterOn management tools into the new Configuration Manager that provides a brand new workflow-based approach to configuring and managing print services.

Here are some of the enhancements and improvements in this version of the PrinterOn Server.

### PrinterOn Server – Express Edition New Additions

- **New – Configuration Manager**

The new Configuration Manager unifies all of the PrinterOn Server management services into a single, easy to use web interface. The new Configuration Manager allows administrators to manage fast and easy deployment from a single console.

Administrators are able to configure the end print experience using simple workflow-based settings, including web print, email, iOS, Google Cloud Print and Mobile apps. Printers and user access control are configured in a simple and easy-to-use interface.

- **New – Rapid Installer and Setup Manager**

PrinterOn has introduced a brand new one-step setup process that automatically configures printers and the most common workflow configurations in a single step. The new installation process provides out-of-the-box print capabilities dramatically minimizing the time to print.

- **New – Remote Configuration of Print Delivery Station output destinations**

Administrators can now configure PDS IP printer destination information centrally using PrinterOn. PDS receives output information during customization synchronization allowing administrators to pre-configure PDS prior to installation.

- **New – Pre-installed Print Drivers**  
The PrinterOn Server now includes PCL and Postscript drivers with the installation, providing out of the box compatibility with a wide range of printers. By including these drivers, PrinterOn can complete the installation and configuration process much more quickly.
- **New – PrinterOn Server Component and Directory Connectivity Options**  
Administrators can now choose between two deployment options that help add flexibility to the PrinterOn deployment. The new Proxy Connected deployment option allows all components of the Server to communicate with the PrinterOn Central Print Services component centrally. The Proxy Connected deployment option simplifies configuration of services such as local proxy servers and Internet access. The Direct Connected option is PrinterOn's traditional connectivity model that allows each component to operate independently providing flexibility to distribute components.
- **New – One Step Support Log Manager**  
The new Configuration Manager now offers a new simple support collection utility that simplifies the troubleshooting process dramatically. Full system information and logs from all components can be collected in a single package with a single operation.
- **Improved – Significant PDS Synchronization Performance Improvements**  
Significant improvements have been made to the PDS synchronization process. Improvements have resulted in up to a 100x improvement in PDS synchronization performance with large numbers of printers.

## Services and Integration Enhancements

- **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.
- **Fixed – AirPrint Jobs Rejected when 1 Copy Selected**  
Addressed an issue that caused jobs using AirPrint from OS X devices to be rejected if only 1 copy was selected.

## Output 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 with 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.
- **Improved – PDF Compatibility with Samsung printers**  
Improved overall compatibility with Samsung printers, including fixings issues reported for certain PDFs that printed with blank pages.
- **New – Default Encoding Management for TXT files**  
Provide a new optional configuration option to specify the default encoding to use when loading TXT files that may be saved with specific regional encodings. Symptoms include garbled characters printed when submitting TXT files that contain Korean, Japanese or other non-ASCII characters. Note: See the “PrinterOn Server Technical Support Notes” for more information.
- **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 allow for “As Saved” orientation for PowerPoint files. Note: See the “PrinterOn Enterprise Release Technical Support Notes” for more information.
- **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
  - Improved overall support for duplex print options including improved fidelity when specifying long edge/short edge duplex options for documents in different orientations.

## Installed Product Information

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**PrinterOn Server 3.0.0.772 includes the following software:**

- Central Printing System 3.0.01.434
- PrintAnywhere Server 5.0.0.124
- Print Delivery Gateway 3.0.0.141
- Print Delivery Station 3.0.0.242
- Dr. Print 2.0.5
- Sun Java Runtime Environment 1.8.0.25
- Tomcat 7.0.54
- PrintWhere® 5.0.0.50

### System Requirements

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

Please contact [support@printeron.com](mailto:support@printeron.com) if you have any questions.