

PrinterOn Express|Enterprise Edition 3.2 Release Notes

Version 3.2.0

Product Changes and Enhancements

PrinterOn Enterprise | Express 3.2 introduces Secure Release Anywhere™, PrinterOn's mobile-focused pull print solution. Secure Release Anywhere extends the reach of a traditional pull print solution beyond the local network and offers a secure network agnostic solution. PrinterOn's Secure Release Anywhere continues to extend PrinterOn's best in class mobile capabilities to include end to end print and release workflows.

PrinterOn Express | Enterprise 3.2 continues to extend the advanced reporting and analytics capabilities of the solution in addition to continuing to provide simple and comprehensive management services.

With the addition of PrintWhere®, PrinterOn's universal, global Windows desktop client, PrinterOn Enterprise | Express Editions provide a comprehensive management solution for both mobile and desktop print.

Platform Support:

- **New – Secure Release Anywhere Support**

PrinterOn's Secure Release Anywhere offers flexible pull print support for all PrinterOn editions including PrinterOn Enterprise and PrinterOn Express Editions.

Secure Release Anywhere support allows users to submit jobs to a single queue and release their jobs at any managed device.

PrinterOn's Secure Release Anywhere supports multiple release methods to provide a range of options for mobile users, MFPs and single function printers.

- Mobile App Release allows PrinterOn Mobile App users to release printer jobs to any printer directly from the PrinterOn Mobile App by selecting an output device within the app.
- QR Code Release using the PrinterOn Mobile App allows users to identify a release location.
- Web Release UI allows users to release print jobs, configured by their administrator, using any web enabled device.
- MFP-based browser release allows any MFP with an embedded browser to act as a Secure Release Anywhere release station without requiring any software installation.
- Ricoh HotSpot Embedded version 6 supports PrinterOn Secure Release Anywhere and allows supported MFPs to act as release stations allowing users to release print jobs directly on the MFPs.
- Brother BSI enabled devices support PrinterOn Secure Release Anywhere and can be used as a release station allowing users to release jobs directly on the printers
- Samsung SmartUX devices are supported Secure Release Anywhere devices using SmartUX browser included with all devices.

- **Improved – PrinterOn PrintWhere Desktop Client (v5.2)**

PrinterOn PrintWhere is a universal print client for Windows desktop that simplifies the print process for users while making them more mobile. The PrintWhere driver unifies desktop printing processing into a single print client that allows users to easily locate printers using meaningful and user friendly naming, eliminating the headaches of complex driver installations and obscure network configuration.

In addition to providing traditional Windows Print securely from anywhere to the PrinterOn server, with PrintWhere, PrinterOn Express and PrinterOn Enterprise provide the ability able to track desktop print.

PrintWhere also provides enhanced security by supporting not only secure TLS communication but also including data level print job encryption. PrintWhere also increases network delivery times and decreases bandwidth usage by supporting data compression when delivering jobs over the network.

- **New – Centralized Administrator Queue Monitor**

Administrators can now monitor print queues managed by multiple Print Delivery Stations from a single unified console. The new Centralized Remote Queue monitor allows administrators to track print activity to multiple printers managed by multiple servers and even deployed in multiple networks, in a single consolidated monitor.

The Centralized Remote Queue Monitor allows administrators to easily detect and isolate problems with individual printers or MFPs to increase uptime and decrease support time.

- **Improved – Advanced Reporting (*Enterprise Edition only*)**

New reports have been included for administrators to track and review service utilization including:

- Guest vs Identified User print volume
- Impression Count by User Type, Color/BW and Duplex

- **New – System Summary Information**

Added new system summary information to the Configuration Manager Home page to provide information including number of printers, number of jobs printed as well as a summary of the number of pages saved by implementing duplex and secure release.

- **Improved – Remote Queue Monitor for Job Release**

The redesigned Remote Queue Monitor provides a much improved user experience for end users to release their print jobs from any web enabled device. The new Remote Queue Monitor includes numerous improvements including:

- Modern Response Web Look and Feel
- “Basic View” for embedded Browser support including customizable content for multiple display sizes
- Support for multiple authentication methods including LDAP/AD authentication and Secure Release Codes

- **New – PrinterOn Advanced Generic PCL6 Driver (GT PCL6)**
In addition to PrinterOn's existing highly compatible Generic PCL6 driver, this release includes the new PrinterOn GT PCL6 driver that supports additional render time compression resulting in faster print and smaller output. *Requires a printer supporting JPEG compression. Most modern laser printers supported.*
- **Improved – Trial Installation Process**
A new Trial option has been included during installation, allowing users to complete an installation without requiring a license file to proceed with a product trial.

Email Print Enhancements

- **Improved – EWS Digital Signed Email Support**
Numerous improvements have been made when handling digitally signed emails from Exchange Web Services including:
 - Adding support for RTF formatted bodies when emails are digitally signed
 - Adding support for processing TXT files with non-ASCII characters in the file name
 - Fixed incorrectly reporting an error processing an extra attachment in responses, which was caused by processing the signature file
- **Improved – EWS Embedded Message Support for EWS**
Improved support for emails received which contain embedded message files including:
 - Improving processing attachments in embedded messages
 - Adding support for instances in which a message is forwarded the original message and delivered as an embedded msg.
 - Adding support for processing the email body of a message when an embedded message is attached with either RTF or TXT formatted body.

Service Enhancements

- **Improved – Google Cloud Print Support**
Significant improvements have been made to the PrinterOn Google Cloud Print integration to provide greater compatibility and functionality. This release includes improved network reliability and the ability to restore lost network connections as well as support for duplex printing.
- **New – PrinterOn Configuration Manager Performance Improvements**
A number of performance improvements have been added to PrinterOn Configuration Manager to improve support for managing a large number of printers including faster load times, faster new printer creation times and more reliable response times with more than 2000 managed printers.
- **Improved – User Email Lookup Administration**
User Email Lookup Integration Configuration options moved directly to the Authentication tab to provide easier access. Allows administrators to quickly configure integration options for multiple servers from a single location.

- **New – VPSX LRSQ Separator Page Support**
Added support for adding separator pages to print jobs using LRSQ commands when printing. Now defaulted to including separator pages for all jobs
- **Improved – LPR Printer Compatibility**
Updated LPR job output implementation for improved compatibility. Addressed issues printing to some LPR servers including SAP.

Format Support Enhancements

- **Improved – PNG and TIFF Support**
Fixed an issue with some PNGs and TIFF files reporting a failure to print with error 98 due to warnings reported by the underlying library that were treated as errors.
- **Improved – XPS Support**
Improved XPS file loading compatibility, as some XPS files were failing to load and reported error printing.

Installed Product Information

PrinterOn Enterprise Edition 3.2 and Express Edition 3.2 both use the PrinterOn Server. Here is what is included.

PrinterOn Server 3.2.0.1199 includes the following software:

- Central Print Services 3.2.0.810
- PrintAnywhere Server 5.2.0.523
- Print Delivery Gateway 3.2.0.483
- Print Delivery Station 3.2.0.642
- Print Delivery Hub 3.2.0.642
- RenderPDF 5.2.0.34
- PrintWhere® 5.2.0.478
- Sun Java Runtime Environment 1.8.0.51
- Tomcat 8.0.24

System Requirements

- A dedicated physical server or virtual machine
- Intel compatible processor with 2GHz multi-core processor
- 2 GB RAM minimum (4 GB recommended)
- 60 GB (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 if you have any questions.