

Netop PrintLimit Pro



Release notes Netop PrintLimit Pro version 10.1 (build 9822)

March 4, 2010 Netop PrintLimit Pro version 10.1

Version 10.1 of PrintLimit Pro is a major upgrade that features a newer, more modern client user interface, advanced scripting and more than two dozen new features, enhancements, fixes and printer compatibility improvements. This release also contains a [database upgrade](#) and administrators should factor that in to their upgrade plan.

This is a free upgrade for customers with valid Netop Upgrade Insurance (NUI) policies, and most customers using version 9.6 will not require a new license key for version 10. If you do not have upgrade insurance, you may purchase an upgrade to version 10. For information on upgrades and license keys, contact [Netop customer service](#) or your local Netop partner.

Special note for existing customers: The default install location has been changed in this release from C:\Program Files\GenevaLogic\Print-Limit Pro to C:\Program Files\Netop\Print-Limit Pro. Existing users upgrading from older releases of Print-Limit Pro should take care to install over-the-top into their existing installation which will likely be the old default location.

New Features

- **Advanced Scripting:** The most powerful feature added to PrintLimit Pro yet! Advanced Scripting empowers administrators by allowing them to write scripts that execute when new jobs arrive. This opens up a whole host of possibilities such as:
 - Displaying a pop-up message if a user forgets to select duplex on large jobs.
 - Showing statistics on the environmental impact on large jobs via a fancy popup dialog.
 - Prompting the user to confirm large jobs before printing.
 - Automatically routing large jobs to more efficient high volume printers
 - ... and much much more!
- Newer, more **modern client user interface**.
- **Custom printer fields:** To assist with printer management, administrators can define extra metadata fields for storing ad-hoc data. These fields may represent data such as asset numbers, last date of print service, owner, details of lease arrangements, etc. Fields may also be used in reports.
- **Printer grouping** that allows administrators to group, report and manage printers by any attribute. Groups are administrator-defined and can include classes such as type, make, physical location and work area amongst others.
- On Windows systems, common virtual printers such as PDF writers and virtual faxes are now excluded from monitoring by default, increasing the accuracy of reporting and minimizing the need for custom configurations.
- The Mac client software has been enhanced to leverage the system-wide login hook for authentication. This means that in some situations the PrintLimit Pro client popup authentication dialog can be eliminated, avoiding the need for users to log in twice - once for the system and then again for PrintLimit Pro.
- Web Print: Added support for accepting Microsoft XML Paper Specification (XPS) documents.
- A *Quick find* box is now shown when viewing a user's details, making it easy to quickly switch to a different user.
- Added several new reports designed to display or compare settings: *Group configuration*, *Printer configuration* and *Shared account configuration*.
- New report: *Denied print jobs*. Displays the details for print jobs that have been denied.
- New report: *Group printing - shared account summary*. Shows the shared accounts that were charged to by each group.
- Support for MySQL is now included.

Enhancements

- CSV reports with date and time representations will now be automatically recognized by popular spreadsheet applications.
- The "Microsoft Office Document Image Writer" virtual printer is ignored by default on secondary server installs.
- Improved the PDF version of the user manual - smaller font, less paper!
- Improved error message when server-command is attempted to be run with non-elevated privileges under UAC on Windows 2008/Vista.
- Various documentation improvements including areas such as Web Print, clustering, SSL key generation and Find Me Printing.
- Improvements to Find Me Printing and load balancing to handle a mix of color and grayscale physical printers. Now if the destination physical printer is configured as a "Grayscale Printer" all jobs released to this printer will be logged and charged as grayscale.
- Find Me Printing with web based release: when there is only one target queue when releasing a job, the queue is no longer automatically selected. This is important in some cases to provide the user information about where their job is going.
- Users' balance is no longer displayed in the *Jobs Pending Release* section of the user web interface if users are not allowed to view their balance.
- Improved error reporting when using server-command or the XML web services APIs.
- Fixed problem with Web Print when the maximum upload size was set to exactly 2048MB.
- Improved support for Windows 64-bit systems via the updated 64-bit add-on pack.
- Updated 3rd party libraries and components providing improved performance and reliability.
- Streamlined the initial setup wizard by removing the module selection step. This step was redundant for the majority of organizations.
- Various improvements to debug logging to assist diagnosing problems.
- New option to alert users by email when their refund requests are processed.
- Improved low toner notifications to clearly separate which printers are newly low in toner and those that have been notified previously. Also added a new option to only send the low toner notification email when there is at least one new printer that is newly low on toner.
- User client: new option default-account-pin to specify a default PIN/code to be pre-entered on the account selection pop-up.
- Improved user manual documentation for configuring Web Print in sandbox mode.
- Improved performance for large sites by tuning server configuration based on system specifications and architecture.
- User manual:
 - Added to the manual a new end-user information sheet about using Web Print.
 - Improved documentation for configuring Find Me Printing for redirecting jobs between servers.
- Shared account security can now be used to control access to PIN/code charging as well as for selecting accounts from a list. This feature provides enhanced security for sites that use short shared account PIN/codes.
- Added many new filters to reports and tables throughout the application, making it possible to display new or different data combinations.
- Added more details to various reports when exported as CSV.
- Print queues with the same IP address but different LPR port names now appear as different devices in the device-level reports.
- Icons in the shared account list now indicate disabled accounts.
- The user web interface *Jobs Pending Release* screen now automatically refreshes periodically.
- Improved support for running the print provider as a non-system (and non-admin) account.

Fixes

- Fixed issue where the user client may in some situations consume excessive CPU if the --minimized option was turned on.

- Fixed a problem in Web Print where PDF files produced by OpenOffice may timeout with unknown error.
- Eliminated the "stale session" error that may have occurred when administrators attempted to log in using Microsoft Internet Explorer. Fixed problem in Web Print that could allow two instances of the Web Print process to run simultaneously. This would result in subtle problems and confusing behavior.
- Mac/Linux: Fixed issue where administrator printer error notifications may not have worked with CUPS print queues.
- Improved robustness of submitting Web Print jobs when the system clocks of the primary server and sandbox server are significantly skewed or in different timezones.
- Fixed error when creating and enabling new shared accounts based on a disabled template account.
- Improved integration with Mac print queues to avoid sending multiple print notifications to the application server.
- Linux: Improved reliability of print job canceling/refunding when jobs fail to print using CUPS printer classes on old versions of CUPS.
- Mac: Addressed permissions issue on the server log directory that may result in new logs not being created in selected situations.
- More improvements to support for print servers running CUPS 1.4, such as Mac OS 10.6 and recent Linux distributions.
- The advanced client now uses a case-insensitive sort to improve the ordering of accounts that contain a mix of uppercase and lowercase characters.
- Improved web service proxy code and examples on how to use the PrintLimit Pro XML Web Services API.
- Fixed regression that caused slow analysis of PostScript spool files when using page-level color detection.
- Improved support for print servers running CUPS 1.4, such as Mac OS 10.6 and recent Linux distributions.
- Fixed PAM configuration issue that may have prevented Unix Standard authentication working on Mac OS 10.6.
- Improved stability of print provider when analysing very large Canon spool files.
- Fixed error running the *Printer Environmental Impact* report.
- Fixed problem when displaying the pending printer refunds which could cause the paging controls to not work as expected. E.g. the paging controls may not appear even though there was more than a page of refund requests.
- Fixed a problem that could stop the user client from closing when the Exit menu was selected.
- Fixed issue where *Mac Standard* user directory and user authentication may not work on Mac OS 10.6.
- Tuned memory configuration to avoid low memory errors that may occur at some large sites.
- Fixed issue that could cause multiple authentication pop-ups for very large print jobs when the authentication timeout was set to "For this job only".
- Web Print jobs may now be submitted to unauthenticated print queues without requiring additional authentication. This allows the same print queues to be used for both Web Print and regular printing.
- Fixed a problem importing users from Active Directory org units that contain slashes.
- Allow importing users from Active Directory with usernames that begin with hash (#).
- Changed MySQL database creation process to create tables using the preferred InnoDB table type.
- Fixed a problem that could occur after defining a very long list of preferred accounts via the advanced account selection pop-up.

Printer Compatibility Improvements:

- Improved support for custom PostScript output produced by PeopleSoft.
- Improved stability when analyzing some Postscript spool files.
- Improved page counting on OKI CXXXX series printers using PCL5 drivers when printing in duplex.
- Improved plot size detection from output from Autocad in PCL6 format.
- Improved support for RISO HC3R-HC5500 with GDI drivers.
- Improved page size detection support for PDF documents printed via a Mac workstation and server.

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- Improved support for custom driver options provided by the Xerox Phaser 7400DX Postscript driver.
- Improved page-level color detection with the "HP Universal" PostScript driver.
- Improve detection of blank last pages in duplex mode on the HP LaserJet 4000 series using a PCL6 driver.
- Improved page size detection on the Konica Minolta C552 using the Visual Postscript driver.
- Improved support for the UFR2 driver on the Canon MF4000 and related printers.
- Added basic page count detection for the Epson C2000 model printer.
- Added support for Kyocera FS-720 KX and related GDI printers.
- Improved duplex detection support for Canon UFR printers such as IRC 2550i.
- Improved support for the HP LaserJet 1020.
- Improved detection for RISO HC3R series printers when using GDI drivers.