

May 18, 2011 - PrintLimit Pro version 11.2

This release contains a database upgrade and administrators should factor this into their upgrade plan.

New features:

- A **new Dashboard tab** provides administrators with a real-time view of the state and activity of the system. The dashboard contains **seven new gadgets** allowing administrators to view everything from system uptime, pages printed today, environmental impact, printers currently in error, and what jobs are happening right now.
- One of the most notable new features of this release is the visual appearance of the admin interface. The interface has been given a **fresh new modern look** and a **general GUI overhaul** with them aim of improving both look and usability.
- **Watermarking and job attribution** are now available for a wide variety of PCL6 and PCL5 printer drivers, in addition to the existing PostScript support.
- PrintLimit Pro now maintains a **historical record of users' department and office fields**.
- **Restricting access to color printing is now much simpler**. All printers now have a filter for selecting the user groups who have color printing access.
- **New reports** to compare printing over time (e.g. last month to this month).
- **Default shared account** - New option to give users a default shared account. The default account is then pre-selected in account selection pop-ups making it faster to select commonly used accounts.
- **Secondary user directory** - Some organizations have more than one user directory (e.g. a Microsoft Active Directory and a separate LDAP server). This option allows importing, synchronizing and authenticating against two separate user directory sources.

Enhancements:

- Compatibility improvements for Internet Explorer 9 (IE9).
- Printing summary reports (e.g. *Group printing - summary*) now all include a breakdown of color and grayscale pages (rather than needing to run a *job type summary* report to see this detail).
- An Application Log (App Log) audit message is now written when an admin manually expires a pre-paid top-up card.
- The web based release station's automatic refresh time is now configurable.
- Improved the error messages displayed when PrintLimit Pro attempts to connect to an external database that is currently offline or down.
- Release station: improved date presentation for jobs submitted in the same day (e.g. "11:04" instead of "Apr 12, 11:04").
- Added various new Web Services APIs:
 - add/remove a printer access group
 - check if a user group exists
 - remove a user group
 - list all printers
 - list all groups
 - add/remove an administrator access user/group
- New print script API to find all printer groups that the current job's printer is a member of.
- Improved default parameters used when performing printer load balancing. This reduces the likelihood that large jobs cause a printer to be underutilized.

- Various improvements to the end-user web interface to improve accessibility (e.g. for user with screen readers).
- Added a new printer script recipe which asks the user if a job should be held in a hold/release queue or not. This allows the user to select secure release for only sensitive documents and use direct printing for other documents.
- Display information about the licensed payment gateways in the About page.
- Updated the "User printing - summary" report to show a breakdown of color and grayscale pages. Added office and department fields to the Excel/CSV report.
- Added a new filter to all the print logs reports to only show Web Print jobs.
- Added a new username filter the user list and user configuration reports.
- Added a new server-command and web services API to renaming shared accounts.
- Emailed system notifications sent via SMTP can now be encrypted if the mail server supports TLS.
- Automatically enable printer error detection if printer scripting is enabled. This ensures that the scripts using error check call will work as expected without needing to enable printer error notifications.
- Novell OES Linux: The installer now checks the iPrint version and will warn if the version is known to cause problems.
- Various documentation improvements including SSL certificate installation.
- Improved the time taken to release jobs from a hold/release queue.
- Windows: Added an option to hide the document names of jobs held in Windows print queues. This can be useful when there are privacy or security concerns of letting other users see the document names of other users.
- Provide simpler setup of Web Print Sandbox mode on Linux and Mac. There is now a simple way to disable Simple Mode so it does not conflict with Sandbox mode.
- When "user and group sync" tasks are started through "server-command" scripting or the Web Services APIs, administrators can to view progress of the task from the Options->User/Group Sync page.
- The user creation date has been added to the User List CSV report.
- Scheduled reports can now be copied. This simplifies setting up multiple similar reports.
- Printer toner information may now be manually updated (in addition to the automatic periodic updates)
- Test notifications can now be sent to specific email addresses as well as by entering a username.
- The Windows release station zero-install method ("pc-release-local-cache.exe") now automatically updates more config files each time it is launched (config.properties and client-machine-aliases.properties), simplifying deployment of multiple release stations from a central location.
- Improved retrieval of device serial numbers via SNMP by looking in some non-standard SNMP locations.
- Improved support for IPv6 when using the Windows Print Services for Unix (LPR and IPP).
- All printing based reports now have an ad hoc filter for printer groups.
- Improved logging to diagnose secondary server connection issues caused by security settings.
- When multiple jobs are released from a Windows hold/release queue the original job print order is now maintained.
- Improved support for Windows Server Core.
- Bulk user actions may now be performed based on users' last activity date. This makes it easy to apply operations like deleting users that have had no activity for a long period of time.
- New print scripting snippets to help administrators quickly build new scripts.
- Added log rotation to the print provider log file to avoid it consuming too much disk space.
- Improved handling of Windows print provider restarts to avoid currently held jobs from being left in the queue.
- Added a new admin right to disable access to the global job log.
- Several new ad hoc report filters, including the ability to filter on multiple chosen printers (instead of all printers or one printer), and multiple chosen shared accounts.
- Added new web services APIs and server-commands to set the "override user-level settings" option on a printer.
- The user configuration report now displays the shared account name for users with the "charge to single shared account" option enabled.

- When viewing a deleted user (e.g. by clicking through from an old print log) a message now clearly indicates that the user has previously been deleted.
- Enhanced feature to look up user id/card numbers in an external database.
- Web Print no longer lists printers that users do not have permission to print to (i.e. via a printer filter).
- If there is only a single printer available in Web Print then it is now selected by default.
- Added the "Transacted By" field to the "Transaction Logs" PDF report.
- New option to hide comment headers displayed in CSV reports.
- Mac: Improved default memory configuration to improve reliability on busy systems.
- Improved documentation for installing SSL certificates.
- Various other documentation improvements.

Security:

- Browser session cookies are now stored as "*HttpOnly*". This is in line with current best practice and helps mitigate impact if an XSS attack was discovered.

Fixes:

- Fixed some memory related issues seen on some 64-bit systems.
- Improved reliability when database connection problems occur during server start-up.
- Fixed a problem where CSV/Excel scheduled reports created prior to version 10.7 could run over the same report period each time (e.g. always the week in which the report was created, rather than every new week).
- Find-me printing: when a user attempts to release a print job at a release station but all target print queues are in error or disabled, an error message is displayed and the job stays held. Previously the job would be cancelled.
- Fixed a problem where scheduled reports do not run when daylight savings time starts in the UK (or other regions where DST starts at 1am). The default scheduled report time has now been changed to 12:55am from 1:15am to prevent this happening in the future.
- Windows clusters: fixed a problem that could cause Find-Me print jobs from printing if the print provider service failed over while they were awaiting release.
- Fixed issue that prevented filtering an ad hoc report on a department or office that contained commas.
- Improved clean-up/deletion of temporary files created when very large reports are created.
- Fixed issue when running on SQL Server where the same data could appear on multiple pages of tables.
- Fixed a problem when using Web Print to charge a print job to a shared account when the user has the "Charge personal account (and allocate to shared account for reporting)" option enabled. This could cause the job not to be logged by PrintLimit Pro.
- When running on some external databases the "average pages per job" values in reports could have been inaccurate. This has been corrected.
- Period comparison reports previously excluded activity occurring on each period's end date. These reports now include activity from those dates.
- Fixed sorting of some logs reports such as "*Group printing - logs*" when running on an external database.
- Removed the "mixed content" warning message that may appear when administrators connect to the admin web interface via HTTPS using Microsoft Internet Explorer.
- Fixed a problem that may cause find-me print jobs on Windows to fail if the Print Provider service was restarted while the jobs were awaiting release.
- Fixed problem with dashboard "pages printed" graph that would show data offset by one day in some time zones.
- Fixed the column headers in the printer attributes Excel/CSV report.
- Fixed issue that may have prevented detection of printer toner levels when PrintLimit Pro was installed on a non-English edition of Windows.

- Fixed issue in client popup authentication under specific configurations where the logged in username was not correctly displayed.
- Fixed an error that could occur when using a "Quick Find" search if a screen had been left idle for more than 5 minutes.
- Fixed a problem that can stop watermarks from appearing if using the %user_id%, %user_full_name% or %user_email% watermark replacements when the user's email address was blank.
- Fixed a problem with watermarks with custom position 0mm from top. They were previously printed at the bottom of the page.
- Fixed problems displaying Chinese characters in the Dashboard "What's Next" widget.
- Fixed an error that may occur if an invalid regular expression was entered in the print document name filter. Improved validation to disallow invalid filters.
- Fixed issues that may prevent admin interface navigation while using an older Firefox 2 browser.
- Fixed issue with web services API and server-command that would allow creation of duplicate shared accounts. Additionally, new shared account security settings are now inherited from the template account.
- Fixed a problem in reports where a date range filter may not have applied if combined with a shared account filter containing two or more accounts.
- Do not allow the batch internal user import to run if the "Internal User" feature is not enabled. This stops users from accidentally running the wrong import type.
- Windows: Removed rare "file locked" message that may appear when conducting install-over-the-top upgrades.
- Mac OS: Fixed a problem with the OS X widget that could make the configuration settings not display correctly.
- Linux: Improved installer to save about 80MB of server disk space.
- Fixed a problem that could cause the Account Selection popup to not select/default to the previously selected account options.
- Improved Web Print error status reporting when the Web Print service doesn't have permissions to write to the hot folder.
- Fixed a problem that can occur running the printer list CSV report when PrintLimit Pro is monitoring more than 1,000 printers.
- Fixed issue with the batch user data import from text file option where new users would be created despite this option being disabled.
- Novell OES: Fixed a problem that may cause iPrint to crash if log file permissions were not correctly set.
- Novell OES: Reduced time to release held print jobs when Novell iPrint is running in some VM environments.
- Fixed a problem editing scheduled reports with multiple email recipients which caused the recipients to be saved incorrectly.
- Fixed problem when editing scheduled reports in Excel/CSV format where date range parameters were incorrectly displayed.
- Fixed small memory leak in the Windows print provider service.
- Sensitive fields are no longer logged to the App Log when they are changed in the Config Editor (e.g. SMTP passwords).
- Windows: fixed printing order when a large number of print jobs are released at once (more than about 40 jobs).
- Improved reliability of watermarking on the HP 4100 with PostScript drivers.
- Release Station: Fixed anonymous print release for release stations running in "release any" mode.
- Release Station: Improved support for card authentication when using card header and trailer that are the same character.
- Fixed a problem setting admin rights for user group restrictions that could occur when running on a PostgreSQL database configured with certain locale/language settings.
- Fixed a problem that could result in Web Print jobs timing out early if they were also put into a hold/release queue.
- Linux/CUPS: Improved reliability of print pop-ups for workstations with spaces in their machine names.

- Improved print notification messages to include the destination printer when using printer load balancing or find me printing.
- Limited access administrators are no longer able to enable/disable a user if they do not have the "Change user settings" right.
- Fixed an error viewing deleted users (e.g. by clicking on the user name from an old print log).
- Fixed problem that can occur when removing groups with many thousands of users. Also made the deletion process much faster and more efficient for large user groups.
- Improved support for watermarking on Fuji-Xerox PostScript printers.
- Fixed problem filtering the user list by balance when the multiple personal accounts feature is enabled.
- Fixed display of account selection and printer override settings in the "User configuration" report.
- Fixed problem that could occur when editing scheduled reports if they have filters referencing a printer that has been deleted.

Printer compatibility improvements:

- Added grayscale detection support for Xerox Colour Press 700 PS.
- Added support for HP Printer Drivers v2.6 on Mac OS 10.6.
- Added support for Dell 2150cdn.
- Improved page count detection on the Epson 4880.
- Improved support for OKI MC860 printer.
- Mac: Improved support for printing PDF documents on Xerox PostScript printers.
- Mac: Add support for Canon Pro 9000 printers.
- Improved support for the Dell 2330 printer.
- Added support for the Epson 7900 printer.
- Improved page count detection for Xerox APIV C4470 PCL6 drivers.
- Improved copy count detection for some PostScript printers.
- Added page count support for Dymo 330 and 450 printers.
- Added grayscale/color detection for Xerox PostScript printers (e.g. the WC 7655).
- Added paper size detection for Canon UFR II devices such as Canon ir-ADV C2020/C2030 printers.
- Added support for detecting A5 paper sizes for Ricoh and Kyocera PCL5 printer drivers.
- Added support for RISO ComColor GDI series.
- Added support for the Ricoh RPCS driver for the GX7000 and GXe3350N devices.
- Added support for the Panasonic KX-MB3030 GDI Driver.
- Improved duplex page count detection for Sharp MX 5000N PCL5 driver.
- Added copy count detection for PostScript drivers on KIP plotters.
- Linux/Mac: Added support for the Oki C5650 HiperC printer.
- Linux/Mac: Improved reliability of print job redirection (e.g. find-me printing) on very busy print queues.
- Added page count support for Evolis Pebble printers.
- Improved support for n-up printing in the Ricoh universal PostScript driver.
- Improved page count detection on some Canon imageRUNNER devices using PCL5 drivers, such as the Canon imageRUNNER 2270.
- Improved support for Sharp GDI print drivers.
- Mac: Improved support for Canon iPF5100 for Canon UFR drives when printing from Adobe Reader.
- Mac: Added support for Epson Stylus Pro 4000.
- Mac: Fixed duplex page count issue with the Mac "Generic PCL Laser Printer" driver.
- Linux: Improved duplex detection for the Canon iR5075.
- Linux: Added support for the Canon iR5075 when using the Canon UFR II Linux driver.
- Improved page count detection for PostScript print jobs generated through SAP software.