4.2.# Update History

4.2.2.7380 to 4.2.2.7415 changes: (3/2017)
Display a message on WebClient in silence-mode when a job is sent to a printer
Introducing TouchNet OneCard payment connector

4.2.2.7207 to 4.2.2.7380 changes:
Any unclaimed jobs are purged after 5-minutes; and it is configurable.
Meal-Plan is supported using VerifornePOS and BlackBoard payment connector
Enhance support for Load-Balancer; which periodically checks if the load-balancer is Active, and when it is not, it will bring it up automatically.
Updated for MyPC users so print jobs are claimed automatically.
EnvisionWare login support which claims print jobs automatically.
Authentication connector support using NetZCom service.
Support for Fine payments using NetZCom compatible SirsiDynix.
Auto-remove printed jobs for Windows in case 'Keep printed documents' setting is enabled
Validate PrinterOn-Jobs with email & passcode
Card-swipe support for WebClient
Introducing MultiPlan Authentication Connector
Additional loggings for NetZComService when no accounts returned for a given card number
Additional Logging for MultiPlan Transaction Server
Support for special characters in the Password field
MultiPlan Purse and Accounts display at NetZCom Devices
Display of funds when at least a purse is available
Display of funds at netZtouch from CBORD CS Gold payment connector
Enhancement to the load-balancer handling of (error) jobs and (offline) printers
Releasing PrinterOn Jobs to a primary printer attached to an Elite
LPR Print Jobs displaying Machine names instead of User-Names
Update to the ITC 1500 Port Settings
Enhancement to the Partial Payments to show Next Purse
Credit Card Gateways support for Internet Explorer 11
Enchancement to Account Create and to WebClient using Card-Only Authentication
Enhancement to reports; setting Start Date to current date

Enhancement to Account Search; sorting by column
Enhancement to Account Usage Report; search by card-number or account-id
Updated PostgreSQL JDBC Driver
Support for HTML-5

4.2.2.7183 to 4.2.2.7207 changes: 8/2016
CUPS config script change related to file permissions in /usr/libexec/cups/backend.
Preventing sending positive response when NetLinkDevice with not enough fund available.
Update to prevent the output of the one card number in the log-file; only log the last 4 characters for Blackboard.
Update to prevent the output of the one card number in the log-file; only log the last 4 characters for CBORD.
Fixed issue with CUPS jobs that fail to 'move' to another queue still being recorded as moved in database.
Added 1010(0x3F2) as string data type for Canon IR processor read variable output as unknown data.
Added MyPC username to data that Windows Web Client passes to the GTX, requires web client re-deployment.

4.2.2.7180 to 4.2.2.7183 changes 8/2016
Fix discarding of print jobs by guest users from a netZCom terminal device.

4.2.2.7180 changes: 7/25/2016
Added A4 for Letter pricing and A3 for Legal pricing to the cPad touchscreen configuration.
Updated netZcom protocol messaging for when users login, password or card number is invalid.

4.2.2.7172 changes: 6/20/2016
Updated the delete netZcom terminal device logic to move dependencies to deleted device account.
Added an update to increment cPad touchscreen configuration version number for existing devices.
Fix for Multiplan with Multiplan Account Types groups balances for account separation.
Fix Verifone when Total Amount is greater than available Amount, send credit limit exceed message.
Added a new message when trying to get balance for invalid user/password or card number from NetZTouch.

4.2.2.7159 changes: 6/20/2016

Rename ITC netZcom terminal identifier to device code to match Multiplan naming.
Add PayStation 5800 Elite to list of supported netZcom terminal devices.
Fix for ITC netZcom error stating the Terminal identifier must be specified.
Fix for ITC netZcom 7880 Create User action not adding account to user class.
Add create account action to NetLink 7080 Loader to handle create account NetLink command.
Fix for PrinterOn Email which could be more than 32 characters in the norify name field.

4.2.2.7046 changes: 5/10/2016
Added the ability to schedule importing CSV Files for user account creation and updating of class memberships.
Updated help documentation for payment connectors and credit card gateways configuration and setup usage.
Updates Oracle database connectivity libraries with Oracle JDBC Drivers release 11.1.0.7.0 version.
Renames ITC netZcom configuration terminal identifier to device code to match Multiplan naming.

4.2.2.6945/6959 - Changes

Fixed branding color picker no longer populating form control with the user selected color.
Updated Heartland Payment Connector socket connection and error handling.
Added new ITC netZcom payment connector for use with one card payment systems like Multiplan.
Added netZtouch device type to Point of Sale list used in various control center reports.
Increased the web client action message font size from 9 to 11 so it is more noticeable.
Fixed release mode web clients to prevent users from releasing print jobs marked as auto delete.
Fixed duplex print option detection in spool files generated by Canon ImageRunner printer drivers.

4.2.1.6841 to 4.2.2.6945 changes: - 3/23/2016
NOTE: ITC netZtouch terminal require the latest firmware versions when used with this release.
ITC netZtouch 7800 firmware 00.04.65
Updated the ITC netZtouch 7800 terminal support for firmware version 00.04.65 and netZcom API version 3.7.0.
Add new print queue tab to the web client properties configuration, allows the administrator to specify the printer queues.
Improved PostScript page size detection support for Konica Minolta printer drivers.
Changed PayPoint web page default partial pay selected value to not allowed.
Added the Microsoft Internet Explorer 8 specific display code to pages that use the opacity CSS style tag.
Updated self signed certificate generation to use SHA-2 certificates since SHA-1 certificates are marked unsafe in browsers now.
Updated third party library and support with Bouncy Castle version 1.54.
Fixed branding color picker no longer populating form control with the user selected color.
Updated Heartland Payment Connector socket connection and error handling.
Added new ITC netZcom payment connector for use with one card payment systems like Multiplan. **(SUPPORTS ATRIUM)**
Added netZtouch device type to Point of Sale list used in various control center reports.
Increased the web client action message font size from 9 to 11 so it is more noticeable.

Fixed release mode web clients to prevent users from releasing print jobs marked as auto delete.
Fixed duplex print option detection in spool files generated by Canon ImageRunner printer drivers.

4.2.1.6834 to 4.2.1.6841 changes:
Fix PayStation buttons to display in alphabetical order for user and machine names.
Add selected from and to date range to Printing Totals Report page title header.
Block inactive users from authenticating when logging into GoPrint system application.
Add ability to login to netZcom terminal device using email address and release code for print job

4.2.1.6805 to 4.2.1.6834 changes:
Updated CUPS 1.7 data compression support with GZip compression file detection method enhancements.
Updated terminal device configuration page PayMethod handling for external Payment connector types. .2.1.6793 to 4.2.1.6805 changes:

NOTE: Cartadis cPad Touchscreen devices require the latest firmware versions when used with this release.
Cartadis cPad Touchscreen firmware 1.15.1 or later
Added all architectural paper sizes to metric paper sizes for plotter page size recognition.
Fixed ability to make changes to a NetLink device with passthrough purse after initial save.
Reduced network service wait loop to one retry after sixty seconds on remote node startup.
Updated available Cartadis cPad touchscreen firmware version support to 1.15.1 with COCOAD 11.
Changed scheduled quota monthly task to handle start dates with day greater than selected day.

4.2.0.6774 to 4.2.1.6793 changes:
Added new Financial Report titled Account Printing Report for reporting on printing by account and print queue.
Changed Agent and Station XML RPC logging to ignore log entries without messages since they would be meaningless.
Changed Web Client print job selection forward to PayStation to Hide release code field if not required for guest users.
Updated Credit Card gateway and Add Value pages with option to limit accepted Credit Card types and logo display.

4.2.0.6644 to 4.2.0.6774 changes:

Added PrinterOn service to mobile service connector and print server properties for processing PrinterOn jobs.

Updated PJL context get directive method to strip leading and trailing double quotes when present around values.

Updated PJL context get directive method to process and return values that contain the @ symbol in the values.

Added CBORD CS Gold XML response code check to CBORD CS Gold XML Payment Connector configuration test methods.

Updated NetLink device create login request token method to capture transaction type code sent in some messages.

Updated GoPrint user manager delete GoPrint user method to handle existing credit card and cashier transactions.

Fixed user manager not deleting external admin memberships when not in external membership list returned by authentication.

Changed Printing Summary report Duplex Pages column to only count printed pages and renamed column to Duplex Printed.

Fixed Print Servers queue list not expanding when the Agent is online for the Control Center home page console.

Changed PayPoint Purse allow partial payment default value from Allowed to Disallowed for financial allowed purses.

Added Common Unix Printing System Internet Printing Protocol sides attribute to determine duplex print jobs.

Changed PayPoint properties financial allowed purses partial payment option default from allowed to disallowed.

Updated Control Center home page cloud printing services banner mobile and browser printing notification message.

Updated secure context factory configuration for server and remote node launchers to exclude all SSL cipher suites.

Added additional mobile service logging for PrinterOn mobile print job data to agent service and job processor thread.

4.2.0.6635 to 4.2.0.6644 changes:

Update Blackboard Payment Connectors with new credit methods for deposits and refunds operations.

Update CardSmith Payment Connectors with new credit methods for deposits and refunds operations.

Update CBORD CS Gold ETI Payment Connectors with new credit methods for deposits and refunds operations.

Update CBORD CS Gold XML Payment Connectors with new credit methods for deposits and refunds operations.

Update CBORD OdysseyPCS Payment Connectors with new credit methods for deposits and

refunds operations.

Update Heartland Payment Connectors with new credit methods for deposits and refunds operations.

Update Multiplan Payment Connectors with new credit methods for deposits and refunds operations.

4.2.0.6608 to 4.2.0.6635 changes:

Update NetLink message handler to support newer devices that reuse the socket channel connection.

Fix Cashier Journal Report and Cashier Closing Report displaying some deposits more than once.

Added support for terminal ID values that have a six digit length in NetLink device configuration.

4.2.0.6586 to 4.2.0.6608 changes:

Fixed Hide Clear Titles Button display option checkbox not saving in the web client profile settings.

4.2.0.6525 to 4.2.0.6586 changes:

Added new legacy Mac OS X native web client for 10.6 workstations, available at http://software.goprint.com/gs4/GSWebClient-10.6.dmg

Changed GoPrint file store to have a more comprehensive list of dependent files for node service type remote updates.

Added ability to re-assign Print Job entries to the 'deleted device' account to support deleting PayStations with active jobs.

Changes to obscure passwords. In this case showing user passwords in external authorization query debug log.

Added native Windows client installation msi to the GTX server library downloads folder available files.

Updated the Windows installers and images on network to install PostgreSQL 9.4.1 as the default database when present.

Updated database JDBC driver library and support with PostgreSQL 9.4.1200 driver.

Updated Control Center about page to include new devices in connected device section.

Added support for netZtouch 7880 loader device within the netZcom device configuration settings.

Updated PayPoint edit action and associated page to display new devices in Tender Overrides options.

Added support for NetLink 7210 Copier Terminal device within the NetLink device configuration settings.

Added support for NetLink 7030 Laundry Master device within the NetLink device configuration settings.

Added support for NetLink 7038 Laundry Master device within the NetLink device

configuration settings.

Added support for NetLink 7020 Vending Terminal device within the NetLink device configuration settings.

Added support for NetLink 80-VX-520 Verifone POS device within the NetLink device configuration settings.

Updated NetLink device support with ITC Systems NetLink Protocol Revision 3.3 dated 10/22/2014.

4.1.19 to 4.2.0.6525 changes:

IMPORTANT: Click here for upgrade to 4.2 Instructions
NOTE: Ignore the download button as a Web Update will fail. Use the instructions in the document above.
Web Client native executables have been updated. Deploying the new executable to workstations is required for full Web Client feature functionality.

Apple Macintosh

{Installation Directory}\lib\downloads\gswebclient.dmg

Microsoft Window

{Installation Directory}\lib\downloads\gswebclient.exe

This release requires the Oracle Java 8 update 60 JRE for full feature functionality.

http://software.goprint.com/gs4/jre-8u60-server-x64.zip

http://software.goprint.com/gs4/jre-8u60-server-i586.zip

NOTE: Cartadis cPad Touchscreen and ITC netZtouch terminal require the latest firmware versions when used with this release.
Cartadis cPad Touchscreen firmware 1.13.2 or later
ITC netZtouch 7800 firmware 00.04.25
Updated the Windows installers to include Oracle Java 1.8 JRE version with support for 1.7 JRE for Windows XP.
Updated the Windows installers and images on network to install PostgreSQL 9.3.5 as the default database when present.
Fix location passed on command line not being passed to back channel message servlet in Windows Web Client.
Added new Payment Connector option for ITC Multiplan managed one card payment solution.
Updated database JDBC4 driver library and support with Derby 10.10.1.1
Updated database JDBC4 driver library and support with HyperSQL 2.3.2
Updated database JDBC4 driver library and support with MySQL 5.1.34
Updated database JDBC4 driver library and support with Oracle Database 12.1.0.1
Updated database JDBC4 driver library and support with PostgreSQL 9.3.1102

Updated database JDBC4 driver library and support with SQL Server 4.1.5605.100
Updated third party library and support with Bouncy Castle 151
Updated third party library and support with Ehcache 2.9.0
Updated third party library and support with Jasper Reports 6.0.0
Updated third party library and support with Java Mail 1.5.2
Updated third party library and support with Jersey JAX-RS 1.18
Updated third party library and support with Jetty 8.1.16.v20140903
Updated third party library and support with JGoodies Forms 1.3.0
Updated third party library and support with Simple Logging Facade 1.7.9
Updated third party library and support with Waffle 1.5