

# Celiveo® 8 – January 2022 Release 22A

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Release Notes for Web Admin

Version: 8.9.21.2

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Revision – 01/2022

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# Features

## New Features

- Printers using Dynamic IP Address.
- Mobile Extension for Email and Chromebook printing.
- Unidriver - Converts print jobs generated by a printer manufacturer to the driver of the target printer releasing the print job.

*Note: Only available for PCL6 Konica-Minolta and Xerox drivers, others will be added later.*

## Updated Features

- UI and offline help improvements.

# Version History

| <b>Date: 31<sup>st</sup> January 2022</b>  |  |
|--|--|
| <b>Web Admin (8.9.21.2)</b>                |  |
| <b>Changes and Fixes</b>                   |  |
| 24189                                      | Resolved condition that prevented user information from being populated in regional database through scheduler.                              |
| 23714                                      | Resolved condition that prevented the purge of unused print drivers.   |
| 23078                                      | Resolved intermittent data replication issue when enrolled user has 100+ AD groups.  |
| 23823                                      | Resolved condition that prevented from updating AD attributes successfully through scheduler.  |
| 24344                                      | Resolved condition that prevented from displaying the printer comment in tracking database.  |
| 23994                                      | Resolved condition that prevented the successful synchronization of changes in AD to SQL Database.   |
| 24365                                      | Replication folder can now be configured in CVOCLI.  |
| <b>Date: 24<sup>th</sup> November 2021</b> |  |
| <b>Web Admin (8.9.18.2)</b>                |  |
| <b>Changes and Fixes</b>                   |  |
| 22746                                      | Support of the UniDriver feature.  |
| 21570                                      | Support of 10+ drivers and settings per CVP (Pull Print) and physical printer (Print-Direct).  |
| 17465                                      | Resolved condition that prevented from enabling the Save button on the Rule profile page.  |
| 22244                                      | Optimized condition of CPU utilization on the SQL DB server while upgrading the Web Admin.   |
| 22251                                      | Resolved printer synchronization error when the printer password contains special characters.  |
| 18003                                      | Resolved Print-Direct job release error on printer disconnection.  |
| 22115                                      | Resolved printer synchronization error due to SQL replication issue.   |
| 19784                                      | Resolved timeout error that caused email error notifications to be sent.   |
| 22473                                      | Resolved condition that prevented the display of appropriate user details in TGS Reports.  |
| 23229                                      | Removed Beta text from the Virtual Printer Instance Management interface & added Beta on the Unidriver option.                               |
| 23385                                      | Resolved synchronization error for Print-Direct only printers with embedded solution.  |
| 23636                                      | Resolved condition that caused micro-outages with connection to SQL with AAD.  |
| 23605                                      | Resolved condition that prevented the Printer table from updating in secondary databases.  |
| 23551                                      | Resolved condition that prevented from adding HP LaserJet MFP M426fdw printers in the Web Admin.   |
| 23550                                      | Resolved condition that prevented print job tracking with the Embedded Printer Agent.  |
| 23388                                      | Resolved condition that prevented HP printer firmware version from refreshing at synchronization time to check the firmware incompatibility. |
| <b>Date: 25<sup>th</sup> May 2021</b>      |  |
| <b>Web Admin (8.8.31.2)</b>                |  |
| <b>Changes and Fixes</b>                   |  |

|   |  |
|---|--|
| 21789                                     | Show appropriate warning message on saving Expire or Non-Expire mh file  |
| 21793                                     | Support for two .mh file support in WA   |
| 18749                                     | Support for Disable tracking option in WA  |
| 21861                                     | Resolved the condition to open the DA by clicking on '+' icon.   |
| <b>Date: 10<sup>th</sup> May 2021</b>     |  |
| <b>Web Admin (8.8.27.2)</b>               |  |
| <b>Changes and Fixes</b>                  |  |
| 18010                                     | Celiveo Direct Print only synchronization issue  |
| 20843                                     | Can't remove embedded solution by PD + Allow Embedded Tracking unchecked   |
| 20861                                     | Allow Embedded Tracking check box status with Non-HPFS printer   |
| 20863                                     | Should request Celiveo version selected when Allow Embedded Tracking is checked  |
| 20864                                     | Celiveo version should be N/A on HPFS after Allow Embedded Tracing unchecked   |
| 20899                                     | Should hide Allow Embedded Tracking when PP is checked on HPFS   |
| 20914                                     | Save with Allow embedded tracking=intermediate, sync status change and Allow Embedded Tracking checked   |
| 20962                                     | Credential Expiration Date AD/LDAP/ADLD and SQL  |
| 20965                                     | Allow to add AD/LDAP/ADLDS when TEST fails   |
| 21404                                     | Printer not able to connect to regional SQL server   |
| 18752                                     | Dual Credential System for all Credential-Based Features   |
| 21687                                     | Resolve replication error in release branch, caused due to port being used instead of instance   |
| 17611                                     | UI changes for Authentication profile with Test  |
| 21081                                     | "Test" AD button in Advanced tab of CVP settings loops indefinitely  |
| 21333                                     | Tool tip should show "Ignore" instead of "Save"  |
| 21490                                     | Implementation of Printer Agent Metadata   |
| <b>Date: 1<sup>st</sup> April 2021</b>    |  |
| <b>Web Admin (8.8.25.2)</b>               |  |
| <b>Changes and Fixes</b>                  |  |
| #19027                                    | Discovery Agent is now able to identify if the device is HP Modern Devices.  |
| #20848                                    | Embedded Tracking is now available as an option.   |
| #20922                                    | System Logs export to Excel now export the event time.   |
| #20996                                    | Resolved condition that caused the Discovery Agent to detect Large Format Printers as Mono while all LFPs should be categorized as Color.        |
| #20928                                    | Improved width for all columns in the T_Enrollment table according to the default possible length of AD attributes.                              |
| #20870                                    | Resolved "Save failed" error in the SQL DB profile in the Web Admin.   |
| #21206                                    | Resolved condition that prevented the printer list from being updated when clicking Refresh with the secondary database credentials set enabled. |
| #20754                                    | Resolved SQL replication issue.  |
| #20867                                    | Resolved condition that prevented the Web Admin with disabled HTTP (HTTPS only) from working properly.   |
| #19374                                    | Localization of the License auto update for rental license.  |
| <b>Date: 20<sup>th</sup> January 2021</b> |  |
| <b>Web Admin (8.8.21.2)</b>               |  |
| <b>Changes and Fixes</b>                  |  |
| #17996                                    | Implementation of the Recycle bin option.  |
| #13878                                    | Implementation of the Zoom in and out feature on CVP Maps  |

|                               |   |
|-------------------------------|---|
| #17211                        | Addition of User AD attributes to Tracking information when users authenticate on the printer   |
| #17512                        | Support up to 5 User AD attributes for Tracking purposes  |
| #17592                        | Implementation of warning messages when users reach their print quota limits  |
| #14842                        | New: the printer icon in the task bar reflects the printer capabilities.  |
| #17528                        | It is now possible to add printer comments to the TGS10 tracking table.   |
| #19169<br>#18487              | Updated documentation for CVP new features: dynamic icons, zoom on maps.  |
| #17430                        | Updated documentation for CRL smartcard support.  |
| #20262                        | Updated copyright information and import tool.  |
| #19734                        | Addition of RXOP logs to the Web Admin log collection.  |
| #19720                        | Resolved condition that caused the TGS10 report link to use HTTP while IIS is configured to use https only.                                     |
| #19747                        | Resolved condition that prevented the Discovery Agent from searching available printers within Celiveo using HTTPS or HTTP.                     |
| #19435                        | Resolved condition that caused LFP with Print-Direct only to use one license token even when disabled on the Printer List.                      |
| #19788                        | Resolved condition that caused secondary servers update to fail after a database upgrade.   |
| #13256                        | Resolved inconsistency in domain names for PullPrint and PrintDirect jobs.  |
| #14542                        | Resolved condition that caused tracking to use the wrong domain name for Print-Direct jobs (with solution installed).                           |
| #20045                        | Resolved condition that caused duplicate tracking records and missing user details when SQL is down with Print Direct.                          |
| #20102                        | Resolved condition that caused Job generation to fail for restored CVPs after performing a sign-out/sign-in on the client PC.                   |
| #20144                        | Resolved incorrect job cost when the CVP cost profile includes duplex discount.   |
| #20325                        | Adjusted volume units in LFP Cost Profiles.   |
| #20034                        | Resolved condition that prevented quotas from deducting for Print-Direct jobs.  |
| <b>Date: 13 November 2020</b> |   |
| <b>Web Admin (8.8.18.2)</b>   |   |
| <b>Changes and Fixes</b>      |   |
| #15358                        | Implementation of an API Tool to generate Printer Information logs when an error occurs.  |
| #18081                        | Support of Configurable Ports (Fixed Ports).  |
| #17989                        | Addition of a Connection timeout field in the Pull Print Settings.  |
| #16103<br>#15070<br>#14273    | Update of Offline Help.   |
| #16551                        | Default password for SQL Express installation has been removed.   |
| #16793                        | Implementation of the naming ID Code to replace PIN.  |
| #14448                        | Support of HP ScanJet devices via CSA.  |
| #17156                        | Implementation of a Cancel button in all Web Admin sub-windows.   |
| #17432                        | Resolved condition that prevented an ID Code from being generated if the user belongs to 1000 groups or more.                                   |
| #17400                        | Resolved incorrect tooltip in the SmartCard Options window.   |
| #16582                        | It is no longer necessary to restart Celiveo Admin Services after the addition of a secondary database in order to synchronize it successfully. |

|        |  |
|--------|--|
| #17367 | Resolved condition that prevented the reinstallation or upgrade of the Celiveo Web Admin.  |
| #17384 | Resolved condition that prevented the installation of the Celiveo API.   |
| #17183 | UI improvement: in the Print Rules window, the Remove button is no longer available when no driver is selected.  |
| #17186 | UI improvement: in the Print Rules window, when clicking twice on the Remove button, the menu is reset to "Select..."  |
| #17014 | Resolved conditions that caused the first synchronization of a new Web Admin version to fail.  |
| #17473 | Resolved condition that prevented the CVP from being updated in the Web Admin after a new installation.  |
| #16940 | Resolved condition that caused Scan/Fax Jobs incorrect deductions.   |
| #15234 | Corrected column alignment in the Reports section.   |
| #17185 | Resolved condition that prevented secondary databases to be synchronized after the first launch of Web Admin.  |
| #17560 | Enhancement to allow .cer and .crt extensions for CA upload.   |
| #17662 | Resolved condition that caused DA – In multi SQL environment, when replication stops due to an error, to be unable to import more than 1 driver.                   |
| #17636 | Implementation of LFP cost profiles.   |
| #17597 | Enhancement of process root and intermediate CA cert in p7b files.   |
| #17514 | Implementation of alphabetical order columns titles in viewing lists.  |
| #17615 | Support of Multi-domains.  |
| #18296 | Resolved condition prevented users from editing tags on Web Admin.   |
| #18685 | Fixing the store procedure that caused jobs not to be seen when using a username with the '&' character.   |
| #15035 | Enhancement to allow to send SMTP with Anonymous Send on the WA configuration.   |
| #18223 | Enhancement to move currency to both LFP and Normal Cost Profiles and freeze selection as per printer selected.  |
| #19024 | Resolved condition that caused the import of any printer using DA after enabling SSL and IIS Reset to fail.  |
| #18734 | Resolved condition that prevented the import of Driver & Settings for CVP and the addition of a new printer (Printer Discovery Agent) after disabling HTTP for WA. |
| #16919 | Resolved condition that caused TGS Tracking not to be enabled when installing TGS 10.0.8.2.  |
| #18970 | Resolved condition that caused the Enrollment table not to be synchronized with SECONDARY DBs after ID Code generation.  |
| #19303 | WA Enhancement: Fill in correct NetBIOS name for the domain in WA, when LDAP profile is updated or created.  |
| #18713 | Resolved the missing DNS record issue when load balancer applies to multi-SQL setup.   |
| #19019 | Implementation of License Auto-Update (currently this feature is available on Web Admin for Ricoh Embedded Agent).   |
| #19329 | Resolved condition that prevented the license update using the Refresh button.   |
| #19414 | Resolved condition that prevented the login to Wed Admin using domain user account.  |
| #19299 | Resolved condition that prevented the license file from saving in a fresh environment.   |
| #17992 | Resolved condition that prevented to save domain (FQDN) in Kerberos Setting.   |
| #19633 | Resolved condition that caused Web Admin not to display the printer list properly.   |
| #19747 | Resolved condition that caused Discovery Agent not be able to search certain IP ranges.  |



| <b>Date: 31 August 2020</b> |   |
|-----------------------------|---|
| <b>Web Admin (8.8.14.2)</b> |   |
| <b>Changes and Fixes</b>    |   |
| #14855                      | Implementation of Access and Print Rules based on Quota.  |
| #18169                      | Resolved condition that caused a UAT Web Admin Synchronization Issue.   |
| #6938                       | New UI for Quota management.  |
| <b>Date: 05 August 2020</b> |   |
| <b>Web Admin (8.8.11.2)</b> |   |
| <b>Changes and Fixes</b>    |   |
| #17962                      | Resolved condition that caused the Add button to be disabled after adding Smartcard and UPN in the Authentication Method.                                     |
| <b>Date: 13 July 2020</b>   |   |
| <b>Web Admin (8.8.8.2)</b>  |   |
| <b>Changes and Fixes</b>    |   |
| #16022                      | Implementation of Authentication with an Alphanumeric code in addition to Smartcard and Login/Password.   |
| #16024                      |   |
| #15399                      |   |
| #15867                      |   |
| #16674                      |   |
| #16958                      | Implementation of Print Queue Rights based on print rules.  |
| #16962                      | Implementation of Print Queue Rights based on print rules.  |
| #16700                      | Celiveo Virtual Printer can now enable Print jobs AES-encryption for Pull Print jobs using Print Rules.   |
| #16698                      | Celiveo Virtual Printer can now enable Print jobs AES-encryption for Pull Print jobs using Print Rules.   |
| #16963                      | Implementation of Smartcard CRL Validation.   |
| #15051                      | Resolved condition that caused the Printer Settings window to crash when a large number of printers and tags were added.                                      |
| #15086                      | Resolved condition that prevented HP FS Printers to be synchronized after loading a new version of the Celiveo firmware.                                      |
| #15702                      | Improved Row alignment on the printer list.   |
| #15455                      | DB Synchronization Enhancements.  |
| #16308                      | Implementation of embedded tracking for Print-Direct.   |
| #15924                      |   |
| #15923                      |   |
| #13943                      | Addition of Offline Help for the Zero Config feature.   |
| #14698                      |   |
| #11421                      | Addition of Offline help for NAS Push Printing.   |
| #15596                      | Resolved tracking data loss after logout.   |
| #16620                      | Resolved condition that prevented HP FS printers with Print-Direct settings ONLY to be synchronized.  |
| #12997                      | Resolved condition that prevented AD Authentication Source Profile name to be updated after clicking "Cancel" on the Rule Definition page.                    |
| #16295                      | UI improvement: Removal of Blank domain that is not in use  |
| #15953                      | There is now a default Mac package, it no longer needs to be created manually.  |
| #16433                      | Resolved condition that caused the updating of drivers in the Printer Settings to reset the Access Rule Profile in a Print-Direct + Pull Print configuration. |
| #16133                      | Resolved condition that caused the Quotas "Apply to" window to close unexpectedly.  |
| #15445                      | Resolved Ricoh Printer Type error.  |
| #15903                      | Resolved condition that prevented the import utility to function when Custom Access Control was enabled.  |

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| #16667                      | Implementation of Heartbeat for SQL Health in WebApi.  |
| #16693                      | Implementation of a warning when the secondary DB is down, preventing the replication.   |
| #16302                      | Implementation of Access Control Rules for Windows/macOS CVP.  |
| #16559                      | Addition of Alphanumeric PIN code generation offline help.   |
| #15644                      | Resolved condition that caused an incorrect Total Printer on the Web Admin Printer List Page.  |
| #16903                      | Removal of the WA.Mode.DLL.config file, which is the developer mode file used to generate Entities from the WA app.  |
| #15544                      | The PID/VID field now only accepts valid value input.  |
| #16798                      | Resolved condition that caused the error message 'Replication error in regional database server ' to be sent by email twice a minute when the secondary DB was down. |
| #15799                      | UI Changes: Access and Print rules are grayed out after adding 'Scanner' into the Web Admin.   |
| #16988                      | Implementation of MultiSite DB support for the ID Code generation portal.  |
| #16564                      | Toner Saving is now taken into account in the quotas.  |
| #16850                      | Resolved condition that prevented users from editing the "Domain" field in the Kerberos Profile Settings.  |
| #15887                      | Improvement of the ID Code Enrollment window: wording and icons.   |
| #16547                      | Resolved condition that caused no SQL Log to be generated when synchronization failed because the printer was offline.   |
| #17152                      | Resolved condition that forbid to define the Smartcard Authentication method alone.  |
| #16912                      | Resolved Unexpected error editing ID Code profile settings.  |
| #17049                      | Resolved error when configuring the ID Code Portal for secondary ADLDAP enrollment.  |
| <b>Date: 19 May 2020</b>    |  |
| <b>Web Admin (8.7.20.2)</b> |  |
| <b>Changes and Fixes</b>    |  |
| #14686                      | Implementation of the option to Enable/Disable the display of the Authentication progression on HP FutureSmart printers.   |
| #15258                      | SQL Express Setup now uses fixed TCP port to work with Ricoh agent.  |
| #15044<br>#15300            | Performance Optimization for editing and save config when selected multiple printers.  |
| #15304                      | Information from new readers configured in Web Admin are automatically transferred to Ricoh Embedded RXOP file.  |
| #15490                      | Support of the new Ricoh RXOP version.   |
| #15303                      | High availability is now available with Enterprise Edition without any connector.  |
| #15257                      | Web Admin installer is now packaged with Ricoh Embedded Agent file.  |
| #14645<br>#15366<br>#15477  | Updated offline documentation for ID processing, system logs and VID/PID.  |
| #13084<br>#15271            | The Admin Username shall not be editable.  |
| #14581                      | Resolved unwanted display of html code in the Printers list.   |
| #15324<br>#15432            | Resolved conditions that prevented User Portal to generate codes.  |

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| #15478                      | Resolved condition that caused the "Apply Extraction" to remain checked for newly added readers.  |
| #15248                      | Resolved condition that prevented the addition of a printer when there were already 15000 printers or more in the Web Admin.  |
| #15547                      | Resolved error when uploading a Celiveo Virtual Printer to the Web Admin.   |
| #15508                      | Resolved error when creating a secondary database.  |
| #15739                      | Resolved condition that prevented connectors to be selected when adding a printer.  |
| #15592                      | Resolved condition that prevented the Printer Agent to be replicated to a secondary database.   |
| #15593                      | Resolved condition where custom names for Driver + Settings were not reflected in the Printers List.  |
| #14752                      | Resolved defect that caused the Web Admin temporary files not to be deleted.  |
| <b>Date: 18 March 2020</b>  |   |
| <b>Web Admin (8.7.15.2)</b> |   |
| <b>Changes and Fixes</b>    |   |
| #13827                      | Improvement of the Edit Printer Settings processing time.   |
| #14018                      | ZeroConfig: implementation of Printer replacement feature which allows to replace a physical printer without recreating the ZeroConfig package.   |
| #14072                      | Locked ZeroConfig profiles can no longer be edited or cloned.   |
| #14927                      | When TGS 10 is not installed, the Reports button no longer leads to an Error 404 page.  |
| #14300                      | Web Admin now successfully synchronizes with HP FS 4.10 FW version the first time. Important note: make sure you disable port 9100 after the synchronization is complete. To do so, please see the <a href="#">Celiveo Portal</a> . |
| #13654                      | Adding or modifying comments in the printer settings no longer requires the printer to be synchronized.   |
| #14746                      | Improved documentation about necessary rights to successfully install Celiveo.  |
| #14729                      | Celiveo API is now no longer blocked by the Windows Firewall.   |
| #14860                      | Updated drivers can now be added and updated to a large existing list of printers.  |
| #14195                      | A restart is no longer required after the installation of the Web Admin.  |
| #12972                      | It is now possible to download log files from the Virtual Instance Management tab in the Web Admin.   |
| #13924                      | When adding a new printer, the Web Admin can now auto detect whether the HP printer is Futuresmart or not.  |
| #13079                      | The 'Select All' checkbox in Virtual Instance Management is no longer available when VMs are locked.  |
| #15100                      | Values entered and modified in Authentication Profiles are now correctly saved in the corresponding database fields.  |
| #14930                      | Implementation of a new NAS Configuration to support both NAS and Remote Storage.   |
| #14960                      | SQL no longer triggers to update Web Admin when using CVP 8.6.18.2 with NAS configured.   |
| <b>Date: 02 March 2020</b>  |   |
| <b>Web Admin (8.7.8.2)</b>  |   |
| <b>Changes and Fixes</b>    |   |
| #14746                      | Enhancement of installation process and the permissions required to read/write/execute on SQL DB  |

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| #12690                        | Update contextual help for Mobile Authentication Settings   |
| #14059                        | Update contextual help for Java Implementation  |
| #14290                        | Update for Web Admin – Discovery Agent to support for Windows Server 2019   |
| #14743                        | Enhancement of tracking data to have unique key for print job (Enhancement applied from Web Admin 8.6.40.2 and above) |
| <b>Date: 17 February 2020</b> |   |
| <b>Web Admin (8.7.6.2)</b>    |   |
| <b>Changes and Fixes</b>      |   |
| #7567                         | Improvement on Web Admin installer to detect if the entered user has the access right to create DB.                   |
| #13886                        | Zero Config: Implementation of update information on Web Admin – Celiveo Platform column on the printer.              |
| #13964                        | Zero Config: added a readme file containing profile information to the downloaded package.                            |
| #13989                        | Zero Config: UI language improvements.  |
| #14049                        | Update User Portal to support Orange Pack-ID User Portal with TLS 1.2 only.   |
| #14135                        | Celiveo API: Improved logs.   |
| #14144                        | Updated Ricoh RXOP remote configuration files.  |
| #14156                        | Celiveo API: Update the correct version of Discovery Agent on About screen.   |
| #14157                        | Zero Config: database design and UI changes for IP profile import optimization.                                       |
| #14194                        | Celiveo API: Optimized backend API authentication requests.   |
| <b>Date: 17 January 2020</b>  |   |
| <b>Web Admin (8.6.40.2)</b>   |   |
| <b>Changes and Fixes</b>      |   |
| #13348                        | Implementation of a Java System Variables configuration tab.  |
| #13379<br>#12691<br>#12684    | Implementation of contextual help for new features.   |
| #13050                        | Implementation of the possibility to associate SQL Profiles to IP/Hostname and API key.                               |
| #13345                        | Implementation of the 23332 Port as a default for the Web Server SQL API.   |
| #13920                        | Increased Sliding Expiration in the Web.config file.  |
| #13324                        | Implementation of the Orange Self-Enrollment Portal.  |
| #13625                        | Implementation of the Orange Enrollment Settings in the Web Admin.  |
| #12299<br>#11799              | Implementation of OXPd Custom Access Control.   |
| #13054<br>#13055<br>#13056    | Implementation of Web APIs to interact with databases.  |
| #13340                        | Resolved overlapping controls defect.   |
| #13262                        | Resolved defect that prevented the download of Ricoh Embedded logs via Web Admin “Download logs”.                     |
| #13480                        | Resolved defect that caused the CVP installer to return a wrong code when a component did not install successfully.   |
| #13440                        | Resolved defect that caused DB Synchronization to stop working.   |
| #13353                        | Resolved defect that prevented the Web Service API URL to be updated with that of the IP/Hostname entered.            |
| #13639                        | Resolved defect that caused an error during the Celiveo API’s installation.   |

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| #13468                         | Resolved defect that caused the display of empty error messages.   |
| #13512                         | Resolved defect that caused the update/change of “drivers + settings” on the printers in Celiveo Web Admin to be slow for multiple printers.   |
| #13857                         | Resolved defect that prevented a user to be reenrolled after unenrollment in the Orange User Portal.   |
| #13908                         | Resolved defect that prevented deactivated users to be removed from the Pack ID application.   |
| #13746                         | Resolved defect that prevented Secondary Database data synchronization.  |
| #13815                         | Resolved defect that caused logs package to be downloaded with the wrong extension.  |
| #12965                         | Resolved defect that prevented tags modified by an admin to be updated when another admin logged in.   |
| #14039                         | Resolved defect that prevented users to connect to the Orange Enrollment Portal.   |
| <b>Date: 06 November 2019</b>  |  |
| <b>Web Admin (8.6.30.2)</b>    |  |
| <b>Changes and Fixes</b>       |  |
| #12869                         | Resolved defect that made AD/LDAP enrollment unavailable in the Business edition.  |
| #12465                         | Resolved defect that prevented Tags set for printer to display correctly in Web Admin when special characters are inserted with the string.  |
| #12937                         | Resolved defect that prevented the Batch Import Tool to handle the licenses correctly.   |
| <b>Date: 08 October 2019</b>   |  |
| <b>Web Admin (8.6.26.2)</b>    |  |
| <b>Changes and Fixes</b>       |  |
| #12614                         | Resolved defect that prevented secondary SQL databases to synchronize.   |
| <b>Date: 18 September 2019</b> |  |
| <b>Web Admin (8.6.20.2)</b>    |  |
| <b>Changes and Fixes</b>       |  |
| #9951                          | Enhancements in Web Admin version number conventions.  |
| #11393                         | Improvements in Cost and Toner savings settings in Web Admin to display correct values in TGS 10 reports.  |
| #6770                          | License validation of TGS 10 reporting tool in Web Admin.  |
| #11451                         | Implementation of BATCH IMPORT PRINTERS utility that imports printers in Web Admin based on the printers listed in a CSV file.   |
| #10460                         | Enrollment of Smart phone via User Portal.   |
| #11678                         | Support migration of Celiveo Server Services configuration for macOS from older version to latest Celiveo version as part of push print to Network Attached Storage implementation.  |
| #4187                          | Enhancement in security of Web Admin that prevents potential risk from Cross-Site Scripting attacks.   |
| #11726                         | Resolved defect where Printer Discovery Agent was not able to identify HP Future Smart printers  |
| #11728                         | Resolved defect that caused expired print jobs not be removed from the database. UI improvements in Web Admin to automatically clear expired print jobs from database that are older than defined number of days. Scheduler is set to run nightly. |
| #11020                         | Resolved defect that did not allow a Domain User (in Global AD) to log in to Web Admin.  |

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| #12037                        | MAC address can now be added to the CSV file as a string of case-insensitive alphanumeric characters without colon. For example: "ab:12:cd:34:ef:56" or "AB:12:CD:34:EF:56" can be added as "ab12cd34ef56". |
| #11725                        | Printer location information configured in network SNMP settings is now correctly propagated through Printer Discovery Agent and to Web Admin during discovery and import of printers.                      |
| #11927                        | Resolved defect that caused HP Printer logs not able to be downloaded from Web Admin.   |
| #12000                        | Improvements made in encryption and non-visibility of sensitive data in application binaries.   |
| #12112                        | Moving around the printer on the Tags and Maps tab in Web Admin and saving settings now does not change the status of the printer from "Synchronized" status to "Ready for synchronization".                |
| #12177                        | Resolved "Server error in \Celiveo Application" defect displayed upon installing and launching Web Admin.   |
| #11780                        | Resolved defect where Cost profile is not able to be defined for TGS 10 reporting tool when adding a new printer in Web Admin.  |
| #11727                        | Resolved defect that caused authentication at printer to be unsuccessful after importing the printer to Web Admin using Batch Import Printer utility.   |
| #11693                        | Enhancements made to self-update the Printer Discovery Agent, whenever there is a new version release.  |
| #12315                        | Improvements done in enrolment configuration in User Portal for Smart phone enrolment.  |
| #11999                        | Improvements made in securing sensitive data in the application.  |
| #11997                        | Improvements made in application to prevent potential risk from Stored Cross Site Scripting.  |
| #12007                        | Web Admin now supports tagging of users belonging to "domain local group" which comprises of two different domains (where no user belongs to both domains).   |
| #12185                        | Resolved defect that caused Secondary database profile not to be added in Web Admin due to printer synchronization failure.   |
| #12457                        | Mobile ID profile can be configured now for Self-enrolment in Web Admin.  |
| <b>Date: 14 August 2019</b>   |   |
| <b>Web Admin (8.6.19.808)</b> |   |
| <b>Changes and Fixes</b>      |   |
| #8028                         | Configuration in Web Admin to enable/ disable tracking.   |
| #6935                         | Insertion of tracking data into database.   |
| #8766                         | Support of Tracking for Print direct, Expired and Deleted Jobs.   |
| #8503                         | Printer Discovery Agent now detects HP PageWide XL printers.  |
| #7975                         | Web Admin installer is now able to detect if PowerShell is correctly enabled on the target machine.   |
| #9982                         | Configuration for printer to use "<domain>\<username>" for Windows account or "<username>" for local device to access HP Embedded Web Server (EWS).   |
| #10188                        | Migration of cost profiles from TGS 8 to TGS 10   |
| #9177<br>#8864                | Optimized Printers List Refresh feature. The Printer list is now automatically refreshed after a printer is deleted.  |
| #9060                         | DNS and Time Zone settings are now hidden in Web Admin for non-CSA based devices.   |

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| #8862                   | Improvements and Optimizations in Reporting tool.  |
| #8851                   | Connection String.xml document to include Multi-Subnet failover and SQL Encryption configurations as per that defined in Web Admin.  |
| #7950<br>#7949          | Improvements to include Node IP Address information in database as part of AAG implementation.   |
| #6238                   | Stealth Mode feature is available for physical printers.   |
| #7209                   | Stealth Mode is available only with an optional connector license.   |
| #6451                   | Support for failover to LDAP and manual ID in migration tool   |
| #6307                   | Enhanced migration tool abilities to support migration from older versions of Celiveo  |
| #6457                   | Celiveo Administration Services allows services such as email, schedulers, and other relevant services to run at back-end even if Web Admin is idle or offline.  |
| #7345                   | Improvements on creating tag names with special characters.  |
| #7318<br>#7313<br>#8025 | Implementation of SQL Encryption feature and corresponding Celiveo installer changes.  |
| #7845                   | Connection Timeout feature available for SQL Server connection in Web Admin.   |
| #7886                   | When configuring Ricoh SOP2.5 printer on Celiveo Web Admin, user has the option to choose .MRE files to push the Ricoh Embedded Agent into the printer.  |
| #5825                   | Expired and deleted print job names are masked in the tracking reports if Stealth mode is active.  |
| #8853                   | Currency type can be configured in Cost Definition profile in Web Admin.   |
| #10039                  | UTC date and time can be captured along with local system date and time in Web Admin for log analysis.   |
| #9470                   | RXOP update via Web Admin for Ricoh embedded agent synchronization.  |
| #10168<br>#10174        | Enhancements in IP Range screen, to create logs for missing IP address ranges in System logs if 'IP Range Log Enabled' (checkbox) is enabled and at least one IP address range is defined.               |
| #9701                   | Resolved scrollbar display defect.   |
| #10223                  | Resolved synchronization defect between primary and secondary database in Multi-SQL configuration due to unremoved transaction files.  |
| #10980                  | Resolved synchronization defect between primary and secondary database in Multi-SQL configuration. Newly added printer drivers details are now updated on both databases.                                |
| #6186                   | Resolved defect that prevented the creation of Print jobs/queues when choosing another printer belonging to the same community (have same tag combinations) as secondary database, in a virtual printer. |
| #8959                   | Resolved defect that prevented Print Rules to be applied when notifications were enabled but no text was entered.  |
| #10093<br>#6209         | Resolved defect where Printer Discovery Agent failed to recognize HP FutureSmart printers.   |
| #9842                   | Resolved typo on the UI.   |
| #9416                   | Resolved defect that caused a long delay before jobs are printed.  |
| #9300                   | Resolved defect that prevented the setting of SMTP settings and resetting Admin Password.  |
| #9550                   | Resolved defects on the Reporting tool build.  |
| #9409                   | Resolved defect that caused passwords to be displayed in the installation log.   |
| #6696                   | Resolved defect that caused a non-applicable option to be displayed in Print-Direct and Business editions.   |
| #9339                   | Resolved version error on the Migration Tool header and improved UI.   |

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| #9235<br>#9689 | Resolved defect that prevented the deletion of a secondary database with AAG in Web Admin.   |
| #8938          | Resolved defect that caused a license error when upgrading Web Admin.<br><b>Note:</b> Uninstall TGS application completely and then reinstall after upgrading Web Admin.             |
| #8737          | Improvements made in the version name convention for Web Admin.  |
| #8745          | Resolved defect that caused a Login error for multiple Web Admin installation attempts, with Multi subnet failover option enabled.   |
| #8623          | Resolved defect that caused the Purge function to be slow.   |
| #6710          | Improvements in error notification messages in Web Admin.  |
| #6846          | Details of an enrolled user, when deleted from Active Directory is now removed from the database after a scheduled synchronization.  |
| #6668          | Improvements in tool-tip text in Web Admin.  |
| #7227          | Printer Discovery Agent now displays the serial number of HP printer devices, when searching for printers with specific IP addresses.  |
| #6721          | UI improvements in Celiveo Web Admin installer.  |
| #6754          | When performing changes to tag combinations and floor maps for multiple printers through Tags & Maps tab, the changes will be saved even when you move to next page of printer list. |
| #6215          | Resolved defect that prevented the upload of a license file when FIPS was activated.   |
| #7237          | Resolved defect of uploading multiple licenses.  |
| #6906          | Resolved defect that prevented the solution to be removed from the printer after Pull Print was deselected.  |
| #7344          | Resolved defect that prevented a user/group/OU to be added to the Web Admin if the Search box was empty.   |
| #6413          | With Stealth Mode enabled for Serverless Pull Printing, the folder name for storing print jobs, are also encrypted.  |
| #6389          | Removed TGS shortcuts created upon installing Celiveo.   |
| #6309          | Resolved defect where Printer indicates that Print job is released even though actual printout is missing.   |
| #6201          | Printer Discovery Agent error message improvements.  |
| #6399          | UI improvements in Web Admin installer.  |
| #6425          | UI improvements in notification popups.  |
| #6589          | Resolved defect of not able to perform wild card search for users in Active directory.   |
| #5444          | Resolved defect by displaying an error notification popup, when user tries to create profiles in Web Admin with invalid entries.   |
| #5517          | Resolved defect that prevented Print-Direct to change printer in High-Availability mode.   |
| #6663          | Resolved defect that displayed buttons in the Print-Direct interface that are not applicable to the Print-Direct edition.  |
| #7681          | Resolved Date & Time conversion error during the database synchronization.   |
| #7980          | Resolved defect that caused an error during the database synchronization if the single quote character was used in a Printer tag name.   |
| #8272          | Resolved defect that prevented the version of the Embedded agent to be displayed in Web admin after uploading the firmware.  |
| #7510          | Resolved localization defects.   |
| #9937          | Resolved defect of duplicate job details listed in the job list at Xerox printers.   |
| #9746          | Resolved non-compatibility defect of CSS for older versions of Web Admin.  |
| #11007         | Resolved missing connection string in CSS configuration while performing Test connection for database.   |



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| #10425                        | Resolved missing tracking information defect for deleted, expired and direct (IP printing) print jobs which are on secondary database.  |
| #10422                        | Resolved duplicate column name defect seen in Printer list page, when adding LFP printer in Web Admin.  |
| #11257                        | Resolved defect where some print jobs were not generated and actual printouts were missing, when user performed Direct IP printing event.   |
| #8859                         | Resolved time discrepancy found in Web Admin System logs records.   |
| #6433                         | Resolved defect of CVP deployment package not being downloaded sometimes; even if "Download Virtual Printer Deployment Package" checkbox is selected, when user tries to save the CVP Printer Configuration in Web Admin.                   |
| #9000<br>#10200               | Resolved defect where Color print jobs are sometimes released as Black & White in actual printouts, when printing via Direct IP printing. Tracking report displays cost incurred for the print job correctly.                               |
| #6640                         | Resolved defect where printer device log files could not be retrieved from Web Admin.   |
| <b>Date: 11 July 2019</b>     |   |
| <b>Web Admin (8.5.19.711)</b> |   |
| <b>Changes and Fixes</b>      |   |
| #10913                        | Discovery Agent is able to detect HP Future Smart printers successfully. User can also manually choose Printer type as <b>Non-FS</b> or <b>FS</b> in Web Admin.   |
| <b>Date: 17 June 2019</b>     |   |
| <b>Web Admin (8.5.19.531)</b> |   |
| <b>Changes and Fixes</b>      |   |
| #9300                         | Resolved defect that prevented admins to set SMTP settings and reset their password in Web Admin.   |
| <b>Date: 02 May 2019</b>      |   |
| <b>Web Admin (8.5.19.429)</b> |   |
| <b>Changes and Fixes</b>      |   |
| #8645                         | Printers can be added in Web Admin, regardless of lengthy names given for printer location. The Printer Discovery Agent now successfully displays the full location name of the printer.  |
| #8387                         | Resolved defect where Printer Discovery Agent failed to recognize HP FutureSmart printers.  |
| <b>Date: 02 April 2019</b>    |   |
| <b>Web Admin (8.5.19.326)</b> |   |
| <b>Changes and Fixes</b>      |   |
| #7936                         | Improvements made on Printer Discovery Agent to identify HP Pagewide Pro printers and non FutureSmart printers.<br>Using <b>ID to Print</b> option in Web Admin, user is now able to release all print jobs when authenticated on printers. |
| <b>Date: 12 March 2019</b>    |   |
| <b>Web Admin (8.5.19.311)</b> |   |
| <b>Changes and Fixes</b>      |   |
| #6186                         | Resolved defect that prevented the creation of Print jobs/queues when choosing another printer with same tag combinations as secondary database, in Virtual printer.  |
| #7437                         | Resolved Connection failure defect when testing AD/LDAP connection for Authentication Profiles on non-English OS.   |
| #7236                         | The Discovery Agent is now able to detect TCP/IP printers over the network with and without PING being enabled.   |

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| #7611                           | Resolved defect that prevented LDAP Profiles to be saved when the distinguished name contained more than 100 characters.   |
| #4867                           | Verified fix on the latest Celiveo Web Admin application: Resolved failure of sending Pull print jobs to Virtual Print queue.  |
| <b>Date: 08 January 2019</b>    |  |
| <b>Web Admin (8.5.19.108)</b>   |  |
| <b>Changes and Fixes</b>        |  |
| #6209                           | With the TLS 1.2 protocol enabled, while adding printers to the Web Admin, Discovery Agent now identifies HP Future Smart printers and displays accordingly.                           |
| <b>Date: 20 December 2018</b>   |  |
| <b>Web Admin (8.5.018.1220)</b> |  |
| <b>Changes and Fixes</b>        |  |
| #5915                           | New option for the CSS/CVP to allow the CSS/CVP to inject a custom hostname/IP address to the job ticket instead of the self-hostname/IP of the server where the CSS/CVP is installed. |
| #4971<br>#6087                  | Implementation of a tool allowing easy migration from SecureJet 7.   |
| #5833                           | Implementation of a tool and a tutorial allowing Office 365 users to retrieve their sAMAccountName for enrollment.   |
| #5919                           | Detection of Samsung and Brother Printers by the Web Admin and Discovery Agent.  |
| #5528                           | Updated contextual help.   |
| #5728                           | Optimizations on authentication profiles created on SFP printers.  |
| #6025                           | Celiveo pull print queue is now the default print queue after CVP installed.   |
| #6065                           | CSVP- Ports are now created/selected after CSVP installation.  |
| #6152                           | Resolved defect which prevented to Add a printer when the database was on a remote machine.  |
| #6137                           | Resolved defect that failed to identify MFP printers on migration tool.  |
| #5770                           | Resolved unreachable printer removal failure defect.   |
| #5489                           | Resolved CSVP remote download failure defect.  |
| #5703                           | Resolved launching Web Admin failure defect when FIPS is enabled.  |
| #5995                           | Resolved Citrix compatibility defect with Printer names containing dashes or spaces.   |
| #6036<br>#6037                  | FIPS compliance for Discovery Agent and CVP.   |
| #5782                           | Optimizations for SQL log messages.  |
| #5739                           | Resolved Web Admin defect allowing to enable scan, copy and fax functions and edit Job Release Settings on HP FutureSmart SFPs.  |
| #6038                           | Resolved Discovery Agent "Unreachable Printer" error message defect when using IP search.  |
| #5924                           | Resolved Web Admin defect which forced all printers to be synchronized every time a license is updated.  |
| <b>Date: 05 December 2018</b>   |  |
| <b>Web Admin (8.5.018.1128)</b> |  |
| <b>Changes and Fixes</b>        |  |
| #4757                           | Modify and Repair option is not supported for Celiveo 8 installation. User can only install and uninstall the application.   |
| #4760                           | Error and logging improvements.  |
| #3098                           | Resolved defect of protocol discrepancy on Authentication Profile while trying to add a user or group in Web Admin.  |

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| #3392   | New printers now cannot be added in Web Admin if all licenses have been used.  |
| #3565   | Default port number is now provided while creating new Authentication profile in Web Admin.  |
| #3587   | Resolved Web Admin application slow performance defect, when the language is changed to French.  |
| #3930<br>#3928  | Resolved defect in High Availability- Database connection setting (DB instance name and port number) are predefined during installation.   |
| #3442<br>#4149<br>#4610                                     | Celiveo Virtual Printer application improvements.  |
| #3804   | Resolved defect of actual password being displayed in the source code file of Authentication Profile, in Web Admin, which uses AD/LDAP as Authentication source.   |
| #3966   | Resolved defect of print jobs not getting created in the network path provided for print jobs sent from the server (CSVP).   |
| #4164<br>#4232<br>#4170<br>#4325<br>#4604<br>#5121<br>#5201 | Web Admin UI improvements.   |
| #4336   | Resolved synchronization failure defect when initiated from Web Admin.   |
| #4548   | Verified these fixes on the latest Celiveo Virtual Printer application:<br>Resolved defect of Celiveo Printer not being displayed in the Printer list, while printing a word document, using Mail Merge option. (#2153)<br>Resolved defect of "Printer not available" Error when switching from non-Celiveo print queue to a Celiveo print queue in Excel. (#2628) |
| #2663   | Resolved performance defect during Celiveo installation.   |
| #4034<br>#4341<br>#3742<br>#4865                            | Resolved Celiveo Virtual printer configuration defects.  |
| #4351<br>#4855  | Celiveo Virtual Printer UI improvements.   |
| #4805   | Resolved incorrect notification display in Web Admin upon downloading Celiveo Virtual Printer with Print Direct settings.  |
| #4625   | Resolved defect of not being able to select printer for Direct Print in the Location Map in Celiveo Virtual Printer.   |
| #4867   | Resolved failure of printing the job to Virtual print queue.   |
| #4602   | Celiveo Shared Virtual printer configuration improvements.   |
| #4626   | Resolved defect of not being able to select a specific printer driver for Direct Printing.   |
| #5035   | Resolved defect of not being able to import printers via CSV file in Web Admin/ Discovery Agent application.   |
| #3499   | Resolved defect of not being able to authenticate over SSL when an authentication profile with AD/LDAP settings is defined.  |
| #4550   | Resolved defect of 'Server Error in '/TGSWeb' Application' page displayed when 'Release Feature' is enabled and 'Release' icon is clicked. The latest TGS version no longer displays Release icon.   |

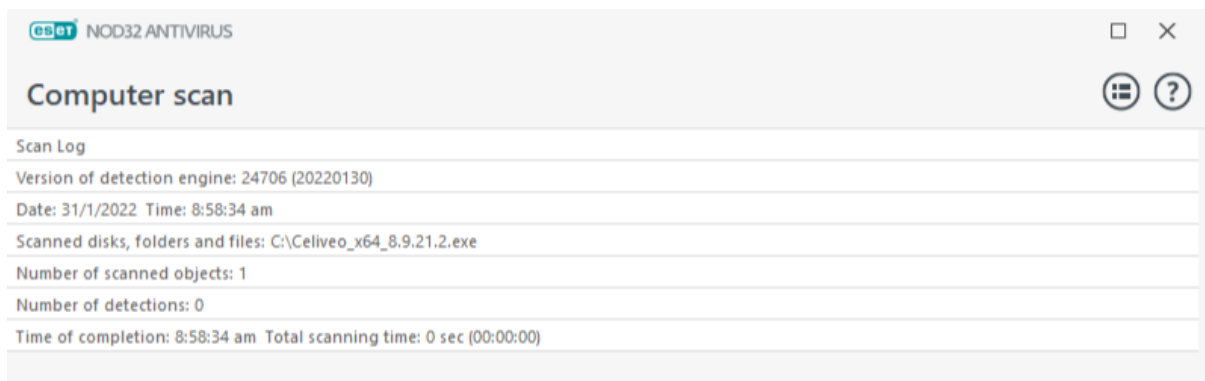
# Release Versions

This release supports the following packages.

| Software/Firmware                       | Version   |
|---|---|
| Celiveo Web Admin                       | 8.9.21.2  |
| Celiveo Virtual Printer                 | 8.9.6.2   |
| Track-Green Saver (TGS10)               | 10.0.11.2   |
| Celiveo Smart Appliance Agent           | 8.9.021.0128  |
| HP Embedded Agent                       | 8.8.021.1118 (it is recommended to use HP Firmware version from 4.8.0.1 to 4.11.0.1 – Avoid the version of 4.9.0.1. More detail on <a href="https://manual.celiveo.com/currentrelease/en/topic/hp">https://manual.celiveo.com/currentrelease/en/topic/hp</a> ). |
| Stand-alone popup installer for Windows | 8.8.15.2  |

## Product Safety Testing

Celiveo 8 solution comprising of Celiveo Web Admin, Celiveo Virtual Printer and Printer Discovery Agent has come out clean and free of any virus while performing Antivirus scan using NOD32 ANTIVIRUS v14.0.22.0, with the detection engine 23060 (20210401).



# System Requirements

## Requirements for Celiveo 8

The Celiveo Product Installer is a single solution for the administrator to install the Celiveo solution. Before you begin, make sure the hardware and software requirements for the printers and servers are met. Please see our [manual](#) to view the requirements for installing Celiveo 8.

## Role Based Access Control

Please see our [manual](#) to get more information about access privileges required for Celiveo 8 installation.

## Requirements for Printers

Refer to the respective Celiveo Administrator's guide for the manufacturer.

You can also read the [Celiveo manual](#) to get information on printer configurations for Celiveo solution installation.

## Supported Printers

Please see our [website](#) to access the full list of supported models for HP, Ricoh, Konica Minolta and Xerox printers.

# Known Defects and Limitations

The following are known defects.

| (Ref) No. | Description   |
|-----------|---|
| 7299      | <b>Defect:</b> Error/Warning message is not captured in Web Admin System Logs when authentication by Smartcard fails. |

The following are known limitations.

| (Ref) No. | Description   |
|-----------|---|
| 1284      | <b>Limitation:</b> Access control rules cannot be applied to a user group that is a primary AD group.   |
| SGP-1443  | <b>Limitation:</b> On Windows 10, Web Admin is unreachable via FQDN (Full Qualified Domain Name) on Microsoft Edge.<br><b>Workaround:</b> Run the following command in Admin mode:<br><i>CheckNetIsolation LoopbackExempt -a -n="Microsoft.MicrosoftEdge_8wekyb3d8bbwe"</i>   |
| SGP-1554  | <b>Limitation:</b> PDF files launched using Acrobat Reader DC (18.009.20050) and successfully produced (printed) at one printer, cannot be reproduced (printed) at a different printer for the same session. This is because the print jobs are being stored at the first printer's job storage path.<br><b>Workaround:</b> Close and re-open the PDF file each time you choose a different printer for printing. |
| RM-785    | <b>Limitation:</b> Print rules might not be applied if the job file name is too long.<br><b>Workaround:</b> Make sure that the maximum job file name size sent to a physical printer is 35 characters and 95 for a job sent to a virtual printer.   |
| 14632     | <b>Limitation:</b> ZeroConfig: Selection for the Language Status Page is not available for the February release. It will be available with the next release.  |