

Celiveo® 8 - May 2021 Release 21D

Release Notes for Celiveo Virtual Printer

Version: 8.8.23.2

© Copyright 2021 Celiveo Pte Ltd



Copyright Information

©2011 - 2021 Jetmobile Pte Ltd. All rights reserved.

Parts under license from JetCAPS International Business Strategy SAS

Protected by US patent number: 6,889,252

Protected by Singapore patent number: 104066

Protected by Australian patent number: 2002350998

Reproduction, adaptation, or translation without prior written permission is prohibited except as allowed under the copyright laws. The information contained herein is subject to change without notice.

The only warranties for Celiveo products and services are set forth in the express warranty statements accompanying such products and services. Nothing herein should be construed as constituting an additional warranty. Jetmobile Pte Ltd and Celiveo Pte Ltd shall not be liable for technical or editorial errors or omissions contained herein.

Device and printer interfaces use technology developed by Jetmobile Pte Ltd and technology under license from Fuji Xerox, HP Inc., Konica Minolta, Ricoh and Xerox. Jetmobile Pte Ltd and our licensors control all intellectual property and copyrights in this product.

Trademark Credits:

Celiveo is a registered trademark of Jetmobile Pte Ltd.

All other marks are the property of their respective owners.

Revision – 05/2021

Table of Contents

Copyright Information	1
Table of Contents.....	2
Version History	3
Release Versions	15
Requirements for Printers.....	15
Supported Printers.....	16
Known Defects and Limitations.....	16

Version History

Date: 25th May 2021	
Celiveo Virtual Printer (8.8.23.2)	
Changes and Fixes	
21826	Resolved condition that caused a run time exception issue when manually installing the CVP.
Date: 10th May 2021	
Celiveo Virtual Printer (8.8.21.2)	
Changes and Fixes	
21301	CPPD - AD search timeout
21437	CVP - Ensure PD printer's specific registry keys are removed with the printer deletion
21460	CVP - WA CVP Encryption None = RAW in CSS
21516	Add a bootstrapper to CVP to install prerequisites
21544	CPPD - Unable to add a user
21545	CPPD - Unhandled exception when removing all users
21637	CVP - Properly close down the installer progress display
20309	Print-Direct Warning message (printer is unreachable) is not localized
11012	No Warning pop out notification box shown when Unicode Printing rules is applied
21182	CVP - Unhandled exception on CVP start with spooler stopped
21243	CPPD: Enhancement: It's better to have a message when there is no results found for the search
21261	CPPD: Printing rules are not working for the delegated user if the rule is containing quota as a criteria
21329	CSS (Dual Credentials): NAS does not work with empty primary set + valid secondary set
21430	Job name wrong in rules notification popup
19228	CSS: Wrong tracking info for deleted jobs on Xerox WC in multi-domain environment
21358	FD146 - User is not able to get print job after Switch from LAN to WIFI
21462	Remove No Encryption from the CSS Port Monitor Dropdown
Date: 1st April 2021	
Celiveo Virtual Printer (8.8.19.2)	
Changes and Fixes	
#18753	New dual credentials feature: It is now possible to define two sets of credentials for all credential-based features.
#21098	
#21047	New installer to add the Celiveo Pull Print Delegation.
#16891	Addition of a Celiveo Pull Print Delegation shortcut on the desktop for easier access.
#20456	Removed unnecessary CVPTMP job purge scheduler record from the database.
#21233	It is now possible to add multiple users at once to the list of delegated users.
#19728	Copyright Update for year 2021

#20980	Improved Celiveo Shared Virtual Printer messages.
#20981	Resolved condition that caused the Status Monitor not to display a warning if the connection fails from the start.
#12280	Improved diacritic in localized versions of the Celiveo Virtual Printer.
#20687	Resolved condition that prevented Print-Direct queues from being removed when the CVP is re-installed/updated with Pull Print only.
#20706	Job names are now masked for deleted and expired jobs tracking when Stealth Mode is on.
#20728	Resolved condition that caused the documents to remain "in queue" in the CVP.
#20715	Job names on tracking are now masked for Print-Direct jobs without solution when Stealth Mode is on.
#21046	User information is now injected in delegation registry key.
#13177	Resolved condition that prevented the display of a CVP Print rules notification pop out after submitting jobs with Print rules containing a single quote or an unsupported character.
#15810	Corrected quota notification pop out title.
#16874	
#16878	Resolved text overlapping issues in the Pull Print Delegation window.
#21150	Resolved condition that caused print jobs tickets to be deleted in T_PrintJob during the dual credentials test in the CVP.
#21165	Resolved unhandled exception occurring after the user logout/login with a fresh installation (invalid Primary Set + valid Secondary Set of credentials).
#21232	Resolved condition that prevented the job delegation to another user from the list.
#21242	Resolved condition that caused the selected Pull Print delegated user to be overwritten when adding a new user to the list.
Date: 20th January 2021	
Celiveo Virtual Printer (8.8.17.2)	
Changes and Fixes	
#3397	Implementation of variables in rule notification messages
#18290	Resolved missing user metadata in TGS10 when using Print-Direct.
#20148	Resolved errors in job costs.
#20144	Resolved incorrect job costs when the CVP cost profile includes duplex discount.
#20036	Resolved duplicate Print-Direct job tracking and quota deduction on Printer.
#18094	Resolved duplicate Tracking Data (Expired/Deleted Print Jobs) in UAT.
#20546	Resolved condition that prevented the LPD service attached to the Windows Print Spooler from restarting after daily maintenance"
Date: 11th December 2020	
Celiveo Virtual Printer (8.8.16.2)	
Changes and Fixes	
#17211	Enhanced Print-Direct Job tracking and Quota Deduction
#18753	Implementation of Dual Credential System
Date: 13 November 2020	
Celiveo Virtual Printer (8.8.15.2)	
Changes and Fixes	

#19154	Resolved CVP issue on Print Direct.
#16563	Enhancement to consider toner saving enable/disable for job cost calculation.
#16879	Inclusion of TRACKID details in RICOH PS driver Job File & header file for PCL6 & PS drivers.
#16299	Resolved condition that caused the Deny job (pull print or print-direct with solution) to be deducted from the user balance.
#16297	Resolved condition that prevented Previous/New quota on quota popup from being deducted based on current user Balance when generating pull print jobs.
#17789	Enhancement not to stop Print-Direct Jobs to be processed even if the Disk Space Quota has been reached.
#4879	Resolved condition that caused CVP Printer Drivers to be removed after a new user signs in.
#17994	Resolved condition that caused popup window not to be displayed with the job name, printer name and printer IP when printing a Print Direct job.
#18241	Resolved condition that caused CVP to display xml encoded strings when Deny notification is displayed.
#18003	Resolved condition that caused some Print-Direct jobs not to be printed after a printer is re-connected to the network.
#17614	Support of multi-domains.
#18601	Resolved condition that prevented from disabling DefaultNETBIOS domain name on the Registry.
#18049	Resolved condition that caused duplicate Tracking Data for Expired/Deleted Print Jobs.
#18680	Enhancement of CVP Search UI.
#11424	Enhancement of the notification when user exceeds the quota in MB/Jobs.
#18762	Resolved condition that caused User details for deleted/expired CSVP jobs to be missing on tracking reports.
#18875	Resolved condition that caused internal configuration to mismatch with the expected ID on first launch.
#14191	Resolved condition that caused Xerox Printers to always be displayed in "Red" in the System Tray for Print-Direct selection.
#12492	Resolved condition that caused Printer Error Status not to be refreshed on CVP Printers Floor Map.
#18835	Resolved condition that caused the closing of CVP window to close the CVP System Tray icon as well.
#18899	Resolved condition that caused the Print Spooler to crash when trying to generate Print-Direct jobs when disk quota limit is exceeded [Jobs User ID = UPN, Department Jobs].
#18718	Display of logical SQL Server behind Load Balancer/AAG.
#17790	Display of a notification using Celiveo Notification Popup when Quota is reached.
#18920	Resolved condition that caused Job/Size quota not to be applied when the Jobs User Id is [domain]sAMAccount.
#18975	Resolved condition that caused the display of expired/deleted job as Pull Print jobs on tracking table.
#16261	Enhancement on supporting multiple copies for Pull Print jobs.

#19041	Resolved Incorrect tracking info for expired/deleted/PD job on multiple domains.
#19227	Resolved Incorrect tracking info for department jobs in a multi-domain environment.
#19194	Resolved Wrong user quota on popup and Print-Direct jobs (without solution) in a multi-domain environment.
#19087	Resolved condition that prevented users from printing due to duplicates in the sjps.dbo.t_serverIP table.
Date: 31 August 2020	
Celiveo Virtual Printer (8.8.13.2)	
Changes and Fixes	
#18270	New feature: it is now possible to use Print-Direct and Pull Print simultaneously.
#4879	CVP Printer Drivers are now automatically updated after a new user signs in.
#18151	Resolved condition that caused the CVP Installer Log display the wrong CVP Version.
#18355	CVP – Updated localization for system tray context menu (Search/Choose another printer).
#18141	Resolved condition that prevented the CVP popup notification from displaying when generating a Pull Print job.
Date: 05 August 2020	
Celiveo Virtual Printer (8.8.12.2)	
Changes and Fixes	
#17867	When switching from Print-Direct to Pull Print, it is now possible to identify the last installed printer that will be selected by default.
#17885	Resolved condition that prevented Deactivation of Print queues based on rules from being applied without refreshing the CVP service.
#17916	The Driver and Settings window now displays allowed and denied drivers with colors and special messages.
#17697	Denied drivers are now displayed in red in the Driver and Settings window.
#17698	Addition of a Cancel button in the Driver and Settings window when no driver is selected.
#17936	When the default Print-Direct printer is removed, if Pull Print is also available then the default Pull Print queue is automatically selected.
#16076 #17488	Localization and UI improvements.
#17783	Logs are now automatically enabled based at the CVP service start.
#17617	Resolved condition that caused a print queue not to be available even after the Stop rule was disabled.
#17664	Resolved overlapping defect on the CVP window.
#17869	Resolved condition that caused the wrong cost profile to be used on pull print queues.
#17599	Resolved condition that prevented Print-Direct from working with printers that contained special characters in their model name.
#17231	The CVP notifications language is now aligned with the system language.
#16876	Implementation of tooltips for the Add, Remove and OK buttons in the CVP window.
#16227	Resolved condition that prevented quota popup from displaying when a user belonging to 1K groups to generate jobs.

#6371	Improved Print-Direct workflow.
#17167	Celiveo Pull Printing ports are now automatically set when creating a Print Direct queue.
#16501 #17000	Resolved condition that caused incorrect cost values in French if the Web Admin was installed on a server set in English.
#17245	Resolved condition that caused incorrect cost profile & currency on Print-Direct, expired or deleted jobs.
Date: 13 July 2020	
Celiveo Virtual Printer (8.8.11.2)	
Changes and Fixes	
#15404	CSS Logs improvements: logs are now limited to 5 files, 20MB each (C++ log Files).
#16030 #14788	Added hierarchy to the CVP tags.
#16503	The Floor Map is now loaded from the local cache if the modified date is the same as the one on the server.
#16658 #17237	Celiveo Virtual Printer can now enable Print jobs AES-encryption for Pull Print jobs using Print Rules.
#17310 #4628 #6731	Pull Print and Print Direct queues can now be available at the same time.
#16768	Implementation of Print Queue Rights based on print rules.
#15329	Localization improvements.
#15876	CSS improved CPU Usage.
#16205 #16481	Resolved condition that caused Saved locations to be erased after deleting a saved tag.
#15921	Resolved condition that caused a DataGridView Default Error Dialog to pop out after clicking the "Search" button once and the "Clear" buttons many times in the Pull Print Delegation dialog.
#15361	MacOS CVP Packages are now available from the Web Admin.
#14436	Workstation information is now added to the DB.
#16569	Resolved condition that caused the loading of a map on primary/secondary DB to generate 4 instances instead of 1 map in the cache.
#15922	Resolved condition that caused the AD directory to be listed out after pressing Enter on keyboard and Search to be grayed out in the Pull Print Delegation window.
#16532	Resolved condition that prevented users to select Asterisks in the Tag 1-5 fields and kept jumping back to the --Select--button.
#16486	Resolved condition that caused Tags refresh and selection to freeze the UI when a large number of tags is available in the Tags Combo Box.
#16483	CVP About window UI Improvements.
#14445	Resolved defect that prevented users to access HP EWS or save job to a storage location if the Print-Direct job (without solution) has a long job name.
#15819	Resolved defect that caused encrypted jobs to generate corrupted pages on Ricoh printers.

#15642	Installing a new version of CVP no longer results in deletion of previous CVPs.
#14701	Implementation of dual SQL jobs lookup by CSVP.
#15077	Resolved condition that caused CVP to report incorrect cost centers in TGS.
#16595	Resolved condition that caused Job header file, printer panel and tracking to display incorrect document extension for lengthy job names in Thai.
#16966	CVP now displays the same language as the user's OS.
Date: 03 June 2020	
Celiveo Virtual Printer (8.7.8.2)	
Changes and Fixes	
#15978	Resolved defect that caused printing issues when the client PC switched from Wireless network to LAN and vice versa.
Date: 19 May 2020	
Celiveo Virtual Printer (8.7.7.2)	
Changes and Fixes	
#14463 #15698 #15020	CVP and CSS Logs improvement to limit to 5 log files per log type.
#14700	Implementation of dual SQL print jobs lookup by CSVP for future migration purpose.
#15654	It is now possible to set the CSS port during installation by using '-p<PORT>' command.
#15567 #14803 #14311	CVP and CSS Localization improvements.
#9574	Resolved tracking defects when jobname contain Asian characters (Chinese, Japanese and Korean character) which send from Ricoh Embedded Agent.
#14677	Resolved "Unhandled exception" error after hovering "Choose Another Printer" in the System Tray icon when the CVP service is down.
#14582	Resolved condition that prevented the correct display of IP Range in the CVP About window.
#15309	Display Improvement of the About window.
#14564	Improved title of the CVP version upload window.
#15144	Resolved tracking error where a Pull Print job tracked as Print Direct by using Ricoh UPD PCL6 driver.
#15222	Improved uninstall executable.
#15223	Resolved defect that caused the CVP storage password to be encrypted twice.
#15109	Resolved installation error when the DB is down.
#15019	Resolved defect that caused jobs to be deleted from the client machine or database upon transfer when the user had Read-only permission to the NAS location.
#13204 #13088	Resolved defect that caused Pull Print jobs to be tracked as Print-Direct jobs and vice-versa on Ricoh Embedded Agent with CSS changes.
#14075	Resolved defect that caused tracking errors for expired, deleted or Print-Direct jobs.
#14609	Improved, highlighted error message when SQL is down and the "Use Ping" option is selected.

#14608	Updated default database connection account.
#15052	The popup timeout values configured in WA are now used when sending the popup notifications to the CVP.
#15697	Resolved CVP installation error.
#14353	Resolved condition that created duplicated print queues on CVP.
#15214	Resolved condition that caused the CVP not to set for the default print queue once - nodpq is used.
Date: 18 March 2020	
Celiveo Virtual Printer (8.7.5.2)	
Changes and Fixes	
#14969	
#14828	Optimization of the number of queries to the database.
#12975	Improved CVP Security on prevention of SQL Injection.
#12083	Resolved incorrect information in job header files for A6 format with Ricoh UPD PCL6/PS v4.22 Driver.
#14988	Tagging users as */*/*/*/* no longer prevents tags from being populated in the drop-down list.
#15027	Low values for Cost Profiles are now taken into account and not displayed as 0 anymore.
#14804	Improvement of Celiveo Installation folder protection to lock the modifications for low-privileged users.
#15122	The "Unable to Connect to SQLServer" error message when CVP cannot connect to the database now displays in orange.
#14922	NAS and remote storage can now be used at the same time.
Date: 17 February 2020	
Celiveo Virtual Printer (8.7.1.2)	
Changes and Fixes	
#14168	User Information and Printer Information are now cached and do not require systematic queries to AD or the database.
#3681	Improved error handling and explanation in the CVP.
#10365	Optimization to refresh Group/OU information for the user when user clicks on Celiveo Virtual Printer icon on system tray. This is to ensure dynamically added groups on AD, can be used to determine printing rules. Note: AD Admins should ensure that the added groups are available to all current windows session.
#14540	Resolved condition that caused tags with ASCII characters to be displayed above the "Select" value in the drop-down list.
#14326	Resolved condition that caused Inactive SQL Connections.
#13557	Added possibility to control the connection pooling on the CSS side.
#14335	Enhancement on Installer to specify the CVP not to change the default print queue by introduce a new command '-nodpq'.
#14325	Resolved condition that caused the default Administrator account to be used for SQL connections on the user workstation.

#14137	Resolved condition that caused CSS services to stop whenever one job has been sent.
#3285	Resolved typo in the UI.
#14334	Resolved condition that caused the CVP icon to display an exclamation mark although all correct print queues are loaded correctly.
#13542	Resolved incorrect group name for deleted and expired jobs when there are special characters on the group name.
#13089	Correction on missing user group information on tracking for deleted/expired jobs.
#14140	Resolved 'Unhandled exception' error when hovering on the list of printers quickly and many times with the mouse.
#12995	Resolved condition that caused the CSS to display a Blank Currency Name for Expired jobs when a second Cost Profile was used.
#13595	Correction on Printer Host Name and User Group details for deleted jobs that sent by Lexmark printers.
#14083	
#14557	Registry Key Names are now masked to enhance security.
#14611	Tags info is display correctly on the Celiveo Virtual Printer About dialog.
Date: 17 January 2020	
Celiveo Virtual Printer (8.6.38.2)	
Changes and Fixes	
#11359	Compatibility with the Transfer to NAS feature on macOS.
#13385	The Local FLIST xml file now automatically contains the correct value for the JobServer attribute.
#13741	Resolved defect that prevented a saved location to display in the list of saved locations.
#13744	Resolved defect that prevented Unicode characters in Print-Direct jobs to display correctly.
#13419	Resolved defect that prevented the job list to be displayed on the printer.
#11118	Resolved defect that caused the CSS to respond slowly when SQL is down.
#14009	Resolved defect that caused the "Celiveo Pull Printing" option to be unavailable.
#14098	Resolved defect that prevented Print-Direct jobs to be printed when Stealth mode is enabled.
#14180	Resolved defect that prevented jobs to be transferred to the defined CSVP NAS when CSS Services are up on the macOS client.
Date: 11 December 2019	
Celiveo Virtual Printer (8.6.35.2)	
Changes and Fixes	
#12174	Improvements in UI to differentiate "Celiveo Print-Direct" and "Celiveo Pull Print" in Celiveo Virtual Printer.
#13596	Resolved defect that PDF file with no Title printed from Acrobat Reader makes Printer Spooler crash.
#12773	Resolved defect that no tags when CVP starting offline.
#13662	Resolved defect that "RESOURCE FILE NOT FOUND" error message shown on the maps.

#13419	Resolved defect that printer panel show empty job list even if jobs are showing in the database.
#13602	Resolved defect that cause CSS crashes.
Date: 27 November 2019	
Celiveo Virtual Printer (8.6.30.2)	
Changes and Fixes	
#12819	Resolved defect that prevented User groups details to be stored in a local file after the first print via CVP.
#12967	Resolved defect that prevented Jobs purge to work properly.
#12710	Resolved defect that prevented CSS to take the defined Connection Timeout value into account.
#13532	Resolved defect that caused the SQL Connection to remain open on SQL Server in waiting state after use.
Date: 06 November 2019	
Celiveo Virtual Printer (8.6.26.2)	
Changes and Fixes	
#12531	Resolved defect that caused the display of a notification saying the user is not allowed to print.
#12978	Resolved defect that caused the creation of an unwanted .snd file in the Print Jobs directory if the username contains a single quote.
#12938	Resolved defect that caused the spooler to crash when the document name contained special characters.
#12875	Resolved defect that caused the spooler to crash when CVP was run.
#12674	Resolved defect that prevented .snc files to be sent to the Database if the job name contained a single quote.
#13077	Resolved defect that caused tracking errors when User Groups names contained the '&' character.
#12593	Resolved defect that caused errors when printing from clients with multiple network adapters.
#12843	Resolved defect that prevented Celiveo Print-Web to send all jobs to the CSVP.
#12592	Resolved defect that caused the Direct Printer status to be displayed as Error.
#12773	Resolved defect that prevented tags to be set when CVP is started offline.
#12980	Resolved defect that caused the Celiveo Printer not to be the default printer after a reboot of a Windows 7.
#12360	Resolved defect that caused unwanted reboot during CVP installation.
#13086	Resolved defect that caused NAS Transfer to fail for special job files.
Date: 08 October 2019	
Celiveo Virtual Printer (8.6.22.2)	
Changes and Fixes	
#6088	Implementation of a LFLIST command that allows to only perform a local job listing instead of connecting to SQL database to get the job list information.
#12345	Resolved defect that prevented multiple print jobs to be transferred to NAS automatically at computer shutdown or upon request using the dedicated icon.

#11409	Resolved defect that caused the wrong Cost and Currency information to be displayed in TGS 10 for expired jobs within an existing print-direct print queue.
#10058	Resolved defect that caused printing rules applied to CVP to be ignored.
Date: 18 September 2019	
Celiveo Virtual Printer (8.6.21.2)	
Changes and Fixes	
#10002	Enhancements in CVP version number conventions.
#9190	Implementation of new registry keys for CVP/ CSVP to support push printing to Network Attached Storage
#10174	Improvements in System logs messages for missing IP Address Range.
#12174	Improvements in UI to differentiate "Celiveo Print-Direct" and "Celiveo Pull Print" in Celiveo Virtual Printer.
#9321	In-house analysis of CVP support on Windows 10 (1809).
#11412	In-house analysis of CVP support on Windows 10 (1903).
#11007	Resolved defect where connection timeout value was not displayed under database configuration in Celiveo Server Services Configuration.
#11292	Resolved defect that caused multiple instances to launch when you click multiple times in the About box in CVP and Quota.
#11290	Resolved defect where default the Cost profile amount when changed by user is not updated in registry.
#11443	Resolved defect that displayed wrong cost information for expired/ deleted/ Direct IP print jobs in the reports when both duplex and toner saving discounts are applied.
#9898	Resolved typo in error notification popup.
#11051	After CVP installation for pull printing, the default print driver is now the first printer driver listed in CVP Printer Settings list in Web Admin.
#11998	Improvements made in access rights of users accessing Celiveo Virtual Printer.
#12189	Resolved defect that caused Celiveo Virtual Printer (CVP) to be un accessible on certain Virtual Desktop (VDI) interfaces. Tags can be correctly set for user to access the local database.
#12200	Improvements made in CVP to ensure OpenSSL libraries (libeay32.dll) are added under Celiveo Server Services (System folder) during CVP installation. Domain admin users can change Celiveo Pull Printing properties via the Control panel and Print Management. Domain users without admin rights cannot change Celiveo Pull Print Properties.
#12212	Resolved tracking defect for print job submitted date and printed date in TGS 10 reports for deleted and expired jobs.
#11945	Resolved defect that caused CVP installation to be unsuccessful during SQL failover.
Date: 11 Sept 2019	
Celiveo Virtual Printer (8.6.19.2)	
Changes and Fixes	
#12326	Resolved defect that caused duplicate shortcuts and notification pop-ups to be created upon CVP installation.
Date: 4 Sept 2019	
Celiveo Virtual Printer (8.6.18.2)	
Changes and Fixes	

#12196	<p>CVP security scan using ESET NOD32 ANTIVIRUS came out clean and no potential risks/ threats were identified. No additional DLLs are added in the installation</p>  <p>package.</p>
#12145	Improvements made in CVP to ensure OpenSSL libraries (libeay32.dll) are not removed during CVP uninstallation.
#10425	Resolved defect that caused tracking information of Print direct, Expired and Deleted Jobs to be stored on secondary database.
#11675	Resolved defect that caused a popup, prompting User to 'logout and login again', to be displayed during silent installation of CVP.
Date: 3 Sept 2019	
Celiveo Virtual Printer (8.6.15.2)	
Changes and Fixes	
#12067	Resolved defect that caused the CSS service to crash during transfer to Network Attached Storage (NAS). No temporary files are created in the Print job queue.
#12165	Resolved defect that caused an error message to display during CVP installation.
Date: 5 Aug 2019	
Celiveo Virtual Printer (8.6-20190731)	
Changes and Fixes	
#8766	Support of Tracking for Print direct, Expired and Deleted Jobs.
#6763	Additional information about CSS/CVP is now available in the Web Admin.
#9183	It is now possible to download CVP logs directly from Web Admin.
#9406	Adding new Tracking Data to the SJPS Database for CVP.
#4761 #9496	Error and logging improvements for Celiveo Virtual Printer.
#6681 #8409	Notification via Logs and Email to the admins if a user's Celiveo Virtual Printer uses a subnet range that has not been defined in Web Admin.
#7549	Celiveo Virtual Printer can be configured to be installed at a custom path during installation.
#6439	UI improvements in Celiveo Virtual printer with Pull printing and Direct IP printing enabled.
#10999	Enhancement for insertion of tracking data into database.
#9191	Optimization of logs for Celiveo Virtual Printer.
#7313	<p>Implementation of SQL Encryption feature and corresponding Celiveo Virtual Printer installer changes.</p> <p>Support connection to SQL in secure mode and encrypted communication between CVP and SQL.</p> <p>Support switching from non-encrypted (during initial setup) to encrypted communication based on the SQL server configurations.</p>

	Support connection using fixed or dynamic SQL ports.
#11061	Resolved defect where Direct IP printing jobs are sometimes being listed under Pull print queue, where there is a change in printer driver.
#6640	Resolved defect where printer device log files could not be retrieved from Web Admin.
#11257	Resolved defect where some print jobs were not generated and actual printouts were missing, when user performed Direct IP printing event.
#9000 #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.
#11090	Performance enhancements on CVP print job generation.
#10094	Ability to switch SQL in multi-region SQL setup on the basis of OU/Group. Additional improvements on UI/ About popup.
#9919	Resolved defect that caused a wrong display of the Printing method on Celiveo Virtual Printer.
#9733	Resolved version mismatch in About file for CVP.
#9566	Resolved defect that caused the Manual CSS installation to set incorrect registry parameters.
#8989	Resolved defect that prevented the connection of the CVP to the Database when dynamic ports are used for a secondary database.
#7419	Resolved defect that prevented CVP to create a Print Queue with DesignJet T2600 driver.
#9294	Resolved defect that caused the CVP folder not to be visible after installation.
#6290	Users are now able to print using Direct IP Printing (CVP) if the FIPS compliant – encryption is enabled on their PC.
#6220	Resolved error found on CVP logs even though CVP is successfully installed.
#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.
#6430	Resolved defect of Print-Direct and Pull Printing appearing simultaneously selected after a user switches from Print-Direct to Pull Printing.
#11291	Resolved defect of log file launch from the About popup of Celiveo Virtual Printer.
#7903	Resolved defect that made the drivers list take a long time to appear when Celiveo Pull Printing is selected in CVP when High Availability is enabled.
#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.
#5517	It is now possible to change the printers in Celiveo Virtual Printer for Direct IP printing when backend is offline and High Availability is enabled.
#8274	Resolved French localization defect found in Virtual Printer UI.
#7901	Resolved defect where print jobs are not generated when performing Direct IP printing when backend is offline.
#7900	Resolved Encryption settings defect that prevented Print-Direct to generate print queues correctly.
#7902	Resolved defect that prevented Print-Direct to generate print queues correctly when database is offline. Note: Click the ‘Magnifying glass in the Printer list window to refresh the list when database is online again.

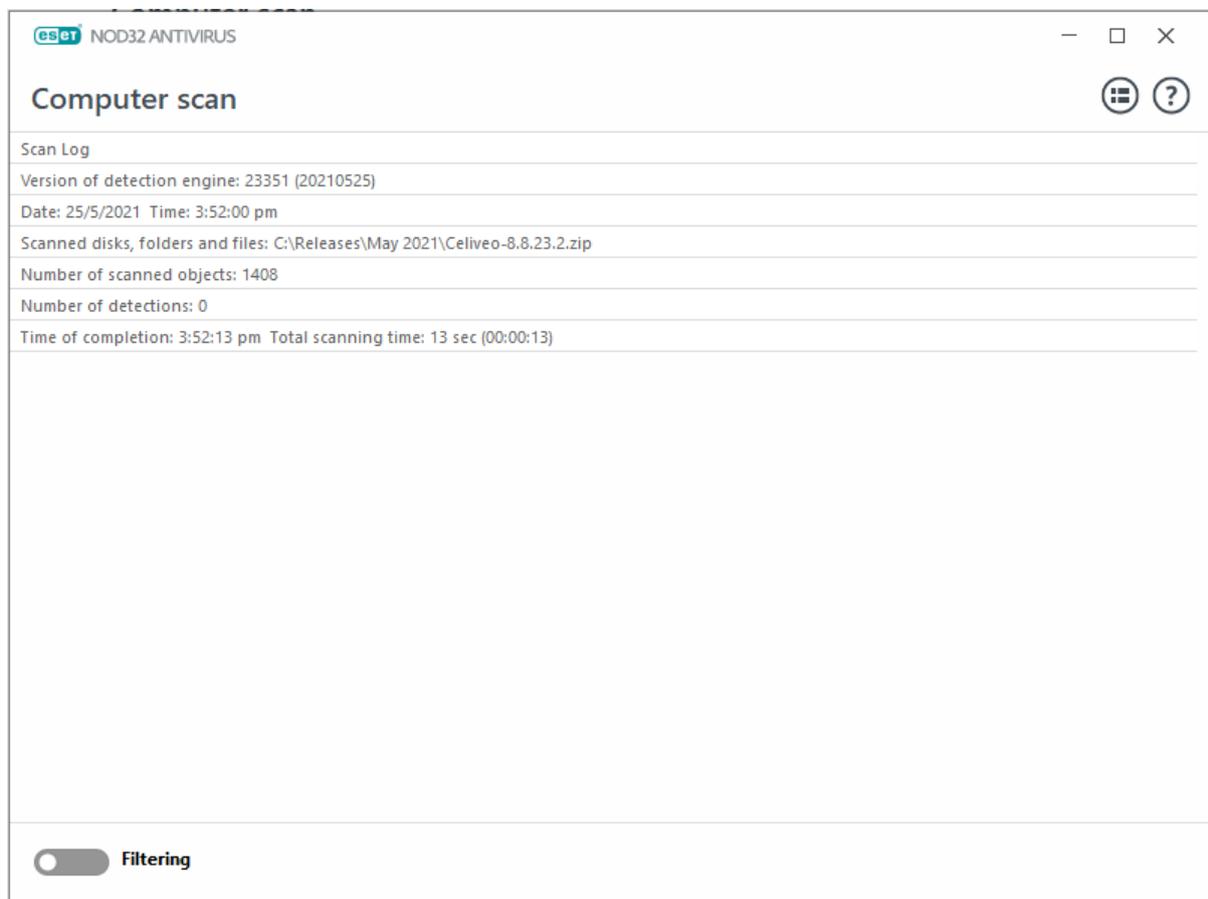
Release Versions

This release includes/ supports the following solutions.

Software/Firmware	Version
Celiveo Virtual Printer	8.8.23.2

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 22306 (20201112).



Requirements for Printers

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

You can also visit 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.

Known Defects and Limitations

The following are known defects:

(Ref) No.	Description
N.A	N.A

The following are known limitations:

(Ref) No.	Description
11339	Limitation: Admin user may continually receive “Undeliverable Error Code” (Delivery failure to recipient) emails if the default email settings is not changed from “please@changeme.com” in Web Admin.
	Limitation: In some cases, the Windows Defender antivirus identifies Celiveo Virtual Printer as a threat. Microsoft confirmed this was a false positive after malware analysis. Workaround: Add the “C:\Program Files\Celiveo” folder to the Windows Defender exclusion list
6955	Limitation: Celiveo virtual printer is not installed successfully and print queue is not created for user when installation path name contains apostrophe. Workaround: Download and deploy the Celiveo Virtual Printer installation package on a destination path (folder), where in the pathname does not contain any special characters.