

Celiveo® 8 - August 2020 Release 20H

Release Notes for Celiveo Virtual Printer

Version: 8.8.13.2

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Revision – 08/2020

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Version History

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.

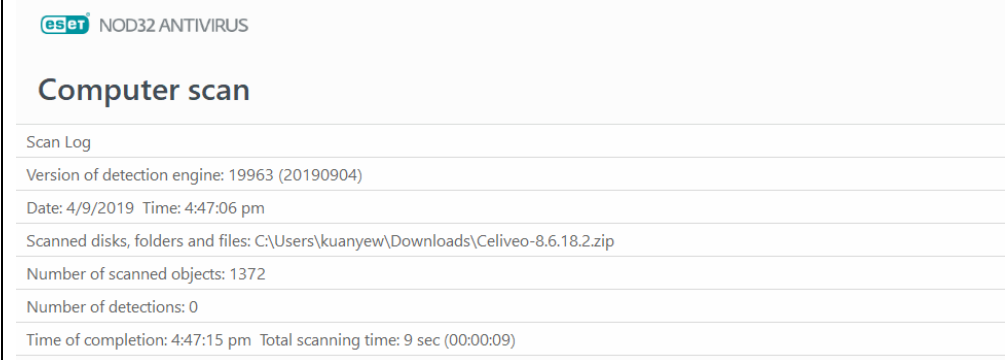
#16595	Resolved condition that caused Job header file, printer panel and tracking to display incorrect document extension for lengthy job names in Thai.
#16966	CVP now displays the same language as the user's OS.
Date: 03 June 2020	
Celiveo Virtual Printer (8.7.8.2)	
Changes and Fixes	
#15978	Resolved 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 unaccessible 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
#9496	
#6681	#8409
#8409	
#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.

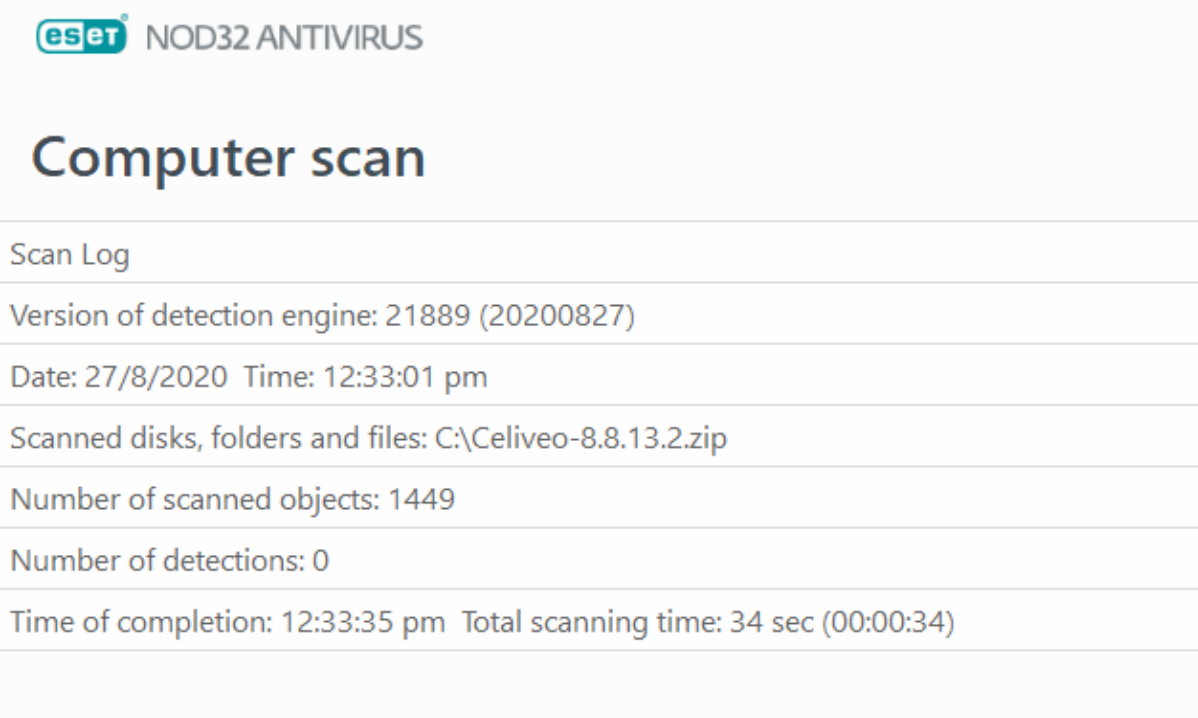
Release Versions

This release includes/ supports the following solutions.

Software/Firmware	Version
Celiveo Virtual Printer	8.8.13.2

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 v13.2.16.0, with the detection engine 21889 (20200827).



The screenshot displays the ESET NOD32 ANTIVIRUS interface. At the top, the ESET logo and 'NOD32 ANTIVIRUS' are visible. Below this, the title 'Computer scan' is prominently displayed. Underneath, a 'Scan Log' section provides the following details:

- Version of detection engine: 21889 (20200827)
- Date: 27/8/2020 Time: 12:33:01 pm
- Scanned disks, folders and files: C:\Celiveo-8.8.13.2.zip
- Number of scanned objects: 1449
- Number of detections: 0
- Time of completion: 12:33:35 pm Total scanning time: 34 sec (00:00:34)

Requirements for Printers

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

You can also visit the Celiveo training portal (portal.celiveo.com) 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.