



## Release Notes

uniFLOW 2021 LTS - LTS SR10

# 1 About this document

This document contains the release notes for the uniFLOW 2021 LTS release(s) listed below. Clicking one of the links will take you to the page containing the release notes for the corresponding release.

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## User Manual

The English uniFLOW User Manual (web help) will always reflect the latest documentation changes.

## The Issue key column

For each issue covered in this document, the first column of the release notes table, labeled *Issue key*, contains a number that refers to an issue in NT-ware's internal issue tracking system. When contacting NT-ware and referring to a release note, always include its number shown in the *ITS Number* column.

## The Severity levels

The *Severity* column classifies the severity of the bugs or defects fixed with the release. This classification only applies to the *Bug*, *Defect (QA)*, and *Security* issue types.

| Severity level | Description  |
|----------------|--|
| A              | Urgent severity<br>If the problem happens, the system is not usable anymore, e.g., due to a security issue, deadlock, kernel crash/hang, loss of communication, etc.   |
| B              | High severity<br>If the problem happens, major functionality is lost, e.g., jobs are not visible on all devices but can still be released on others.   |
| C              | Medium severity<br>If the problem happens, some minor functionality is lost. A workaround might exist, e.g., finishing options are not saved when printing with the uniFLOW Universal Driver but can still be set at the device. |

|   |  |
|---|--|
| D | <b>Low severity</b><br>The problem has little to no impact on the availability of the system, e.g., cosmetic errors, typos, etc. are visible, but do not affect functionality. |
|---|--|

## 2 uniFLOW 2021 LTS Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component  | Severity | Release notes  |
|-----------|-------------|--|----------|--|
| MOM-23958 | Epic        |  | B        | Added new functionality to uniFLOW Online Hybrid where the uniFLOW Server or Remote Print Server can download jobs send via email, file upload, Chrome Extension, Mobile Print and Scan App or uniFLOW SmartClient for Windows/macOS to the uniFLOW Online tenant to process it via the uniFLOW Server / Remote Print Server advanced workflow capabilities. |
| MOM-24007 | Epic        |  | B        | Extended uniFLOW Advanced Scanning to support uploading scan data in the background while the user has already left the device.  |
| MOM-24200 | Fixed issue | uniFLOW SmartClient, Web Submission              | A        | Fixed a bug where the Web Submission Printer Driver failed to show the Job ticket pop-up after print job submission on macOS 11.1 Big Sur.   |
| MOM-23944 | Fixed issue | License System                                   | A        | Fixed a bug that caused licenses to become invalid in Hybrid mode after rebooting the server.  |
| MOM-23507 | Fixed issue |  | B        | Fixed a bug that caused a low quality of the first page of b/w scan previews.  |
| MOM-23596 | Fixed issue |  | B        | Fixed a bug that caused the Scan or Logout screens to flash during anonymous scanning.   |
| MOM-23911 | Fixed issue |  | B        | Added option to embed fonts into PDF (available via the advanced workflow editor).   |
| MOM-24130 |             |  | B        | Fixed a bug that caused an access violation in the context of a user identification via LDAP on an RPS server.   |
| MOM-23562 | Fixed issue |  | C        | Fixed a bug where scans performed in CPCA mode via uniFLOW Advanced scanning were not accounted by the CPCA log reader.  |
| MOM-23786 | Fixed issue | MEAP behavior                                    | C        | Fixed a bug that could cause devices where failover servers were enabled for improved resilience not to return to their main server once it was available again.   |
| MOM-24058 | Fixed issue | uniFLOW Remote Print Server, uniFLOW SmartClient | C        | Fixed a bug due to which jobs received from a SmartClient were not processed correctly by a uniFLOW Server or RPS.   |
| MOM-24174 | Fixed issue | Report Engine                                    | C        | Fixed a bug due to which the user name appeared wrongly in reports on breakdown pages.   |

| Issue key | Issue type  | Component                            | Severity | Release notes   |
|-----------|-------------|--------------------------------------|----------|---|
| MOM-23998 | Defect (QA) |                                      | C        | A DNS lookup can now be performed if the address is given as a host name within an eULM Device Agent, thus enabling auto-release of jobs in case an identification request is received.   |
| MOM-24100 | Defect (QA) | Update Wizard                        | D        | Fixed a bug that may force a server reboot executing the uniFLOW Update Wizard.   |
| MOM-23824 | Improvement |                                      |          | Updated uniFLOW User Web to latest LTS release of ASP.NET Core.   |
| MOM-23843 | Improvement | ICARUS Server for Web                |          | Removed brand name from home button for PlotWave and ColorWave devices.   |
| MOM-23698 | Improvement |                                      |          | In case a spool file should only be stored on a SMB server, the local copy of the spool file created during a Print & Keep operation will now be removed.   |
| MOM-23554 | Improvement |                                      |          | Removed Device Pool overview from Info page when using Device Subscription Mode.  |
| MOM-23502 | Improvement |                                      |          | Added notarization for the uniFLOW SmartClient for Mac.   |
| MOM-23637 | Improvement |                                      |          | Added <i>Autorelease Jobs</i> option for eULM devices.  |
| MOM-22623 | Improvement | uniFLOW SmartClient                  |          | Added option to not apply changes to uniFLOW SmartClient groups immediately to prevent unnecessary interruptions of user workflows caused by reloading MEAP behaviors.  |
| MOM-23365 | Improvement |                                      |          | Enabled Route to Printer workflow element for Hybrid installations.   |
| MOM-23902 | Improvement | MEAP behavior                        | B        | Improved detection of Network Unplugged condition to switch to emergency mode.  |
| MOM-24267 | Improvement | Embedded Application Interface (EAI) | B        | Enabled change of Finishing Options for Multi Vendor in Hybrid mode.  |
| MOM-23964 | Security    | User Interface                       | B        | Updated JQuery library to v3.5.0  |
| MOM-23907 | Security    | Internet Gateway                     | B        | The Internet Gateway now only accepts files with one of the extensions listed below: <ul style="list-style-type: none"> <li>▪ txt, pdf, ppt, pptx, doc, docx, csv, xls, xlsx, odt, odp, ods, rtf, xml, xhtml, html, css, jpg, jpeg, gif, png, bmp, tex</li> </ul> |

# 3 uniFLOW 2021 LTS SR1 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                | Severity | Release notes  |
|-----------|-------------|--------------------------|----------|--|
| MOM-24193 | Fixed issue | Scan Processing Server   | B        | Updated to IDRS 15.6.6   |
| MOM-24333 | Defect (QA) | Installer, Update Wizard | B        | Fixed a bug that, in rare cases, caused the Microsoft Ole DB Driver 18 installation to fail. |

# 4 uniFLOW 2021 LTS SR2 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                                  | Severity | Release notes  |
|-----------|-------------|--|----------|--|
| MOM-24124 | Fixed issue | Accounting                                 | B        | Fixed a bug due to which price profiles at group level were ignored for varioPRINT devices.  |
| MOM-24740 | Fixed issue | CSI Connector                              | B        | Resolved a problem where filtering of SharePoint list items resulted in an error if the SharePoint ServerLibrary-Version is v16.0.21409.12004.                   |
| MOM-18105 | Fixed issue | uniFLOW Remote Print Server                |          | Fixed a bug due to which the cost savings configuration was not reflected correctly on an RPS.   |
| MOM-24749 | Fixed issue | uniFLOW Remote Print Server                | B        | Fixed a bug due to which no entitlements were available on an RPS.   |
| MOM-23458 | Fixed issue | uniFLOW Remote Print Server;uniFLOW Server | C        | Fixed a bug due to which scan previews were not shown in case no user-session existed.   |
| MOM-24747 | Fixed issue | uniFLOW Remote Print Server;uniFLOW Server | A        | Fixed a bug where incomplete scan images could have been processed.  |
| MOM-15027 | Fixed issue | Workflow Engine & Elements                 | B        | Fixed a bug due to which the workflow element "Traverse Dataset" could have been unable to access an Excel DB correctly in case the WE was executed in parallel. |
| MOM-23166 | Fixed issue | CRQM                                       | B        | Added some additional logging to the CRQM mechanism in case of connection errors.  |
| MOM-16433 | Security    | uniFLOW Remote Print Server                |          | Removed e-mail check from the RPS status page in case the page is not accessed from a local address.   |

# 5 uniFLOW 2021 LTS SR3 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                      | Severity | Release notes  |
|-----------|-------------|--------------------------------|----------|--|
| MOM-24780 | Fixed issue |                                | A        | Added a mechanism to regularly check if a hybrid uniFLOW server is running without valid license information, and if this is the case, to force a complete resynchronization of all users and devices from uniFLOW Online. |
| MOM-24773 | Fixed issue |                                | A        | Fixed a bug due to which subscription license information received from a uniFLOW Server could not be processed correctly on a RPS.  |
| MOM-24765 | Fixed issue | MEAP Behaviour, uniFLOW Server | C        | Fixed a bug due to which log-in at a CMFP device was possible with an empty password.  |
| MOM-24454 | Fixed issue |                                | C        | Ensured that the secure print job list is loaded in a hybrid scenario even if the user doesn't have an uniFLOW Online User ID.   |
| MOM-23697 | Defect (QA) | Report Engine                  | D        | Fixed a bug due to which print and copy activities were not ordered correctly in a report for LFP devices.   |
| MOM-24442 | Improvement |                                |          | Added mechanism to prevent deletion of identities whose identity type does not exist in uniFLOW Online during synchronization of users between uniFLOW Online and uniFLOW.   |
| MOM-23660 | Improvement | Windows Scanning               |          | Added support for Desktop Scanner Canon DR-S150.   |
| MOM-24774 | Security    |                                | B        | Updated uniFLOW User Web to latest .NET Core 2.1 service release.  |
| MOM-23928 | Security    |                                | D        | Fixed a bug causing a service to crash in case a printer name used invalid characters.   |
| MOM-23852 | Security    |                                | C        | Removed the directory path from error message in case an Icarus script cannot be parsed.   |
| MOM-23594 | Security    |                                | C        | Disabled the IPC communication and added a registry key to re-enable it.   |
| MOM-23087 | Security    |                                | B        | Changed the configuration option for the OAuth Application Secret so that this is not shown in plain text anymore.   |
| MOM-22169 | Security    | Mobile Release                 | B        | Limited the size of generated QR codes to 1024x1024.   |
| MOM-21820 | Security    | Access Control Lists (ACL)     | A        | Removed <b>Edit ACL</b> and <b>New ACL</b> buttons from Archive > ACL Management.  |



# 6 uniFLOW 2021 LTS SR4 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                                      | Severity | Release notes  |
|-----------|-------------|--|----------|--|
| MOM-23760 | Fixed issue | License System                                 | B        | Fixed a bug due to which existing print jobs were treated as new in case a uniFLOW Server or RPS starts in interim mode.                     |
| MOM-23906 | Fixed issue | MEAP Behavior                                  | A        | Fixed a bug where loading jobs from uniFLOW Online caused endless loop when receiving an error or no response in uniFLOW Hybrid environment. |
| MOM-24014 | Fixed issue | uniFLOW Server                                 | B        | Avoided an access violation occurring due to PJI headers created by Canon Generic Plus Drivers on a non-English operating system.            |
| MOM-24125 | Fixed issue | License System                                 | B        | Fixed a bug due to which an Epson license could not be activated correctly.  |
| MOM-24821 | Fixed issue | uniFLOW Remote Print Server;<br>uniFLOW Server | B        | Fixed a bug due to which an access violation could occur in case an invalid PDF file was analyzed.   |
| MOM-24823 | Fixed issue | MomLPD-Service                                 | D        | Fixed a bug which caused an access violation in case the MOM LPD service received incomplete information.                                    |
| MOM-23957 | Improvement | Accounting                                     | C        | Solved an issue where uniFLOW Server was not accounting scan jobs from eULM-capable devices.   |

# 7 uniFLOW 2021 LTS SR5 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component      | Severity | Release notes   |
|-----------|-------------|----------------|----------|---|
| MOM-24889 | Fixed issue |                | A        | Resolved an issue with the uniFLOW SmartClient .msi package generator so that superfluous files, folders, and registry items are now removed during uniFLOW SmartClient uninstallation. |
| MOM-24868 | Fixed issue |                | C        | Resolved an issue that could cause the upload of cost centers for Océ Large Format Printers to fail in environments with large numbers of devices of this type configured.              |
| MOM-24733 | Fixed issue | Accounting     | C        | Resolved an issue that could cause uniFLOW Online jobs to be accounted to the wrong user and cost center in a uniFLOW hybrid environment.   |
| MOM-24888 | Defect (QA) |                | B        | Resolved an issue in the uniFLOW SmartClient *.msi package generator, so that ApjPrint registry items are now removed during uniFLOW SmartClient uninstallation.                        |
| MOM-24838 | Defect (QA) | License System | C        | Resolved an issue preventing the SMB Device License for Epson could be activated more than once.  |
| MOM-20809 | Security    |                | C        | Added a mechanism to encrypt the local backup file used to store the general uniFLOW Server configuration.  |

# 8 uniFLOW 2021 LTS SR6 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type       | Component   | Severity | Release notes  |
|-----------|------------------|---|----------|--|
| MOM-24942 | Improvement      | uniFLOW SmartClient, uniFLOW Universal Driver           |          | Adapted the MomSmartClient installer and the MomSmartClient MSI package generator to use the UD 2021 LTS WHQL certified driver.                                |
| MOM-24389 | Improvement      |   |          | Updated Foxit Print Manager component.   |
| MOM-24900 | Fixed issue (QA) | Installer   | D        | Fixed problem in the SmartClient .msi package generator, so that obsolete files, folders and registry items are now removed during SmartClient uninstallation. |
| MOM-19933 | Fixed issue (QA) | Device Information File (DIF), uniFLOW Universal Driver | A        | An additional page gets added in case duplex is detected and an odd amount of pages has been processed.  |
| MOM-24926 | Fixed issue      | License System  | B        | Hybrid licenses are now kept even in scenarios where they could previously get lost.   |
| MOM-24913 | Fixed issue      |   | C        | User information received from uniFLOW Online is now correctly forwarded by a uniFLOW Server to its connected RPS.   |
| MOM-24681 | Fixed issue      | uniFLOW Client for Mac                                  | B        | The uniFLOW Client for Mac now uses settings from preference pane.   |
| MOM-24274 | Fixed issue      | Workflow Engine & Elements                              | B        | The Workflow Element <i>Output To IP</i> now processes print jobs as expected.   |
| MOM-20492 | Security         | Installer, Update Wizard                                | C        | Removed installation of PHP from uniFLOW server installation.  |

# 9 uniFLOW 2021 LTS SR7 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                                   | Severity | Release notes   |
|-----------|-------------|---|----------|---|
| MOM-25034 | Fixed issue |   | B        | Fixed an access violation which occurred in case the uniFLOW Online Job Transfer Device Agent could not retrieve print jobs from uniFLOW Online after uniFLOW Online has returned a HTTP error. |
| MOM-24996 | Fixed issue |   | B        | Memory management now works as expected while the global configuration is encrypted and written to a file.  |
| MOM-24952 | Fixed issue | uniFLOW Remote Print Server, uniFLOW Server | A        | Spool files are now analyzed by uniFLOW Server or RPS as expected.  |
| MOM-24947 | Fixed issue | Device Agents                               | B        | Added a mechanism to update the OAuth Refresh token.  |
| MOM-24927 | Fixed issue |   | C        | Users can now configure the budget strategy maintenance interval using a new option.  |

# 10 uniFLOW 2021 LTS SR8 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                  | Severity | Release notes  |
|-----------|-------------|----------------------------|----------|--|
| MOM-24489 | Improvement | Installer                  |          | Improved the uniFLOW Server, RPS, SPS, and Desktop Scan Client installers so that they will not install the included version of the Microsoft Visual C++ 2015 Redistributable Package if version v14.27.29016.00 (or later) of the package is found on the computer, thus avoiding the necessity to reboot after installation. |
| MOM-25063 | Fixed issue |                            | D        | Made sure the MomPdfSplitter.exe executable is signed.   |
| MOM-24806 | Fixed issue | License System             | C        | Changing the uniFLOW Server's name does not remove the subscription on a uniFLOW hybrid server anymore.  |
| MOM-23924 | Fixed issue | uniFLOW Admin Service      | B        | The Start and Stop buttons on the admin service website now work in browsers other than Microsoft Internet Explorer.   |
| MOM-17862 | Fixed issue | Workflow Engine & Elements |          | Fixed a bug due to which Non-UD workflow jobs were not removed correctly in case of Print & Keep.  |
| MOM-25014 | Security    | Server Web                 | B        | Security fixes   |

# 11 uniFLOW 2021 LTS SR9 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type       | Component                                   | Severity | Release notes   |
|-----------|------------------|---|----------|---|
| MOM-24951 | Improvement      | Device Agents                               |          | Added prompt parameter to the generated OAuth authorization code request URL.   |
| MOM-25296 | Fixed issue      | uniFLOW Server                              | C        | Resolved an issue due to which the refresh token of an OAuth account was not stored correctly.  |
| MOM-25199 | Fixed issue      |   | B        | Resolved a potential problem where the budget cache was configured but not used.  |
| MOM-25176 | Fixed issue      | uniFLOW Server                              | C        | Resolved an issue due to which temporary files containing information to be synchronized from a uniFLOW server to uniFLOW Online in a hybrid environment were not removed properly. |
| MOM-24963 | Fixed issue      | uniFLOW Remote Print Server, uniFLOW Server | B        | If an HTTP request runs into a timeout, a 408 HTTP error code is now returned before closing the connection.  |
| MOM-24931 | Fixed issue      |   | B        | Resolved a deadlock condition that could occur in case an external budget connector was in use, and the connection to the DB was interrupted.                                       |
| MOM-23946 | Fixed issue      | MEAP Behaviour                              | C        | Resolved an issue due to which, in a hybrid environment, the default scan page sizes were not switched to inch-type paper sizes for US countries.                                   |
| MOM-23294 | Fixed issue      | Internet Gateway                            | D        | Added new Device Agent parameter <b>Synchronize Print Jobs</b> to control the synchronization of print jobs to the IGv2 in budget-only environments.                                |
| MOM-23858 | Fixed issue (QA) | Server Web                                  | B        | Resolved an issue causing Epson licenses not to be assigned to an RPS server as expected.   |

# 12 uniFLOW 2021 LTS SR10 Release Notes

The table below lists all changes and updates implemented with this release of uniFLOW. The issue resolutions and new features are ordered alphabetically by their issue type.

| Issue key | Issue type  | Component                   | Severity | Release notes   |
|-----------|-------------|-----------------------------|----------|---|
| MOM-21822 | Security    |                             | B        | Removed obsolete files from uniFLOW Server Web as a security fix. A security advisory document to be published on <a href="https://www.uniflow.global/en/security/security-and-maintenance/">https://www.uniflow.global/en/security/security-and-maintenance/</a> will disclose more details. |
| MOM-18256 | Security    | uniFLOW Remote Print Server | B        | Applied a security fix to the uniFLOW RPS. A security advisory document to be published on <a href="https://www.uniflow.global/en/security/security-and-maintenance/">https://www.uniflow.global/en/security/security-and-maintenance/</a> will disclose more details.                        |
| MOM-18856 | Fixed issue | Job Analyzer                | C        | Fixed spool file analysis problem regarding an incorrectly accounted stapling feature for spool files from the Canon PS driver for Mac.   |