



## Release Notes

uniFLOW 2022 LTS - LTS SR6

# 1 About this document - uniFLOW 2022 LTS SR6

This document contains the release notes for the uniFLOW 2022 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 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 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 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	<p>Low severity 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.</p>
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## 2 uniFLOW 2022 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.

ITS-No	Issue Type	Component	Severity	Release Notes
MOM-24891	Fixed issue		B	Added an additional print spooler restart during the uniFLOW SmartClient upgrade procedure to avoid a workflow execution problem when switching from single-instance mode to multi-instance mode (or vice-versa) during a uniFLOW SmartClient upgrade procedure.
MOM-24889	Fixed issue		A	Fixed problem in 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	Fixed a bug where uploading Cost Centers for Océ Large Format Printer may fail when a high number of these devices are configured.
MOM-24839	Fixed issue	Accounting	B	Fixed a bug due to which price profiles received from uniFLOW Online have not been synchronized to the RPS correctly.
MOM-24823	Fixed issue		D	Fixed a bug that caused an access violation in case the MOM LPD service received incomplete information.
MOM-24821	Fixed issue	uniFLOW Remote Print Server, uniFLOW Server	B	Fixed a bug due to which an access violation may occur in case an invalid PDF file is analyzed.
MOM-24780	Fixed issue		A	Added a mechanism to regularly check if a hybrid uniFLOW server runs without valid license information. If this is the case, 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 has not been processed correctly on an RPS.
MOM-24765	Fixed issue	MEAP Behaviour, uniFLOW Server	C	Fixed a bug due to which a login at a CMFP device has been possible with an empty password.
MOM-24733	Fixed issue	Accounting	C	Fixed a problem with uniFLOW Online jobs incorrectly accounted to the wrong user and cost center in a uniFLOW hybrid environment. These jobs are now accounted to the correct user and cost center.
MOM-24454	Fixed issue		C	Ensure that the secure print job list is loaded in a hybrid scenario, even if the user does not have a uniFLOW Online User ID.

ITS-No	Issue Type	Component	Severity	Release Notes
MOM-24274	Fixed issue	Workflow Engine & Elements	B	Fixed a bug due to which the processing of print jobs by the Workflow Element "Output To IP" may have stopped.
MOM-24124	Fixed issue	Accounting	B	Fixed a bug due to which price profiles at group level have been ignored for VarioPrint devices.
MOM-24014	Fixed issue	uniFLOW Server	B	Avoided an access violation due to PJJ headers created by Canon Generic Plus Drivers on a non-English operating systems.
MOM-23760	Fixed issue	License System	B	Fixed a bug due to which existing print jobs have been treated as new in case a uniFLOW Server or RPS starts in interim mode.
MOM-23740	Fixed issue		B	Fixed a bug where the Scan Simulator could not be used in a Device Subscription tenant.
MOM-23166	Fixed issue		B	Added some additional logging to the CRQM mechanism in case of connection errors.
MOM-18105	Fixed issue	uniFLOW Remote Print Server		Fixed a bug due to which the cost savings configuration has not been reflected correctly on a RPS.
MOM-15027	Fixed issue	Workflow Engine & Elements	B	Fixed a bug due to which the workflow element "Traverse Dataset" may have been unable to access an Excel DB correctly if the WE had been executed in parallel.
MOM-24894	Defect (QA)		C	Made sure that during the installation of a uniFLOW SmartClient .msi package the custom actions for creating and removing the firewall rules are executed with elevated privileges.
MOM-24888	Defect (QA)		B	Fixed problem 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	Fixed a bug where the SMB Device License for Epson could only be activated once.
MOM-23697	Defect (QA)	Report Engine	D	Fixed a bug due to which print and copy activities have not been ordered correctly in a report for LFP devices.
MOM-24442	Improvement			Avoided deletion of identities whose identity type does not exist in uFO during synchronization of users between uniFLOW Online and uniFLOW server.
MOM-24265	Improvement	Scan Processing Server		Updated Scan Processing Server to utilize latest IDRS v15.6.8 LTS
MOM-24161	Improvement			Made 'Upload Scan in Background' the pre-selected default for scan wizards.
MOM-24025	Improvement			Disabled the protocols TLS v1.0 and TLS v1.1 protocols for the uniFLOW Mobile Print Service for IPP.
MOM-23660	Improvement	Windows Scanning		Added support for Desktop Scanner Canon DR-S150.

ITS-No	Issue Type	Component	Severity	Release Notes
MOM-24625	New Feature			Added support for SharePoint Online site browsing. This feature requires <b>Authentication Mode</b> to be set to <b>SharePoint Online</b> with <b>Authentication Type</b> set to <b>OAuth</b> . Other authentication types are not supported.
MOM-23928	Security		D	Fixed a bug leading to a service crash in case a printer has been created with invalid characters.
MOM-23852	Security		C	Removed a directory path from error message in case an Icarus script can not 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 no longer shown in plain text.
MOM-22169	Security	Mobile Release	B	Limited the size of generated QR codes to 1024x1024.
MOM-21820	Security	Access Control Lists (ACL)	A	Edit ACL and New ACL buttons are removed from Archive > ACL Management. Check if any documentation should be updated.
MOM-20809	Security		C	Added a mechanism to encrypt the local backup file used to store the general uniFLOW Server configuration.
MOM-16433	Security	uniFLOW Remote Print Server		Removed e-mail check from RPS status page in case the page is not accessed from a local address.

# 3 uniFLOW 2022 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-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 <uF SmartClient for Windows 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-24972	Fixed issue	License System	B	uniFLOW Release Stations configured for a hybrid RPS now display the <b>Subscriptions</b> tab correctly once they have been synchronized to uniFLOW Online.
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-24891	Fixed issue		C	An additional print spooler restart during the uniFLOW SmartClient for Windows upgrade procedure now prevents potential workflow execution issues when switching from single-instance mode to multi-instance mode (or vice-versa) during the uniFLOW SmartClient for Windows application upgrade.
MOM-24681	Fixed issue	uniFLOW Client for Mac	B	The uniFLOW Client for Mac now uses settings from preference pane.
MOM-20492	Security	Installer, Update Wizard	C	Removed installation of PHP from uniFLOW server installation.

# 4 uniFLOW 2022 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-24996	Fixed issue		B	Memory management now works as expected while the global configuration is encrypted and written to a file.
MOM-24978	Fixed issue	MEAP Behavior	B	Fixed a bug due to which the device agents of a dual-registered device have not been started correctly on a uniFLOW Server.
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.
MOM-24771	Improvement	CSI Connector		Added Therefore Online/2019 support to uniFLOW Server.



# 5 uniFLOW 2022 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-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-25096	Fixed issue		D	Type 1 Subscription for AddOn Devices in uniFLOW Hybrid scenarios is now enforced.
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

# 6 uniFLOW 2022 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-24976	Improvement	uniFLOW SmartClient, uniFLOW Universal Driver		Adapted the MomSmartClient installer and the MomSmartClient MSI package generator to use the UD 2022LTS WHQL-certified driver.
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-25204	Fixed issue		A	Resolved an issue due to which, in some cases, the budget maintenance interval time was not correctly applied.
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-25175	Fixed issue		A	For persistent budgets, not-allowed transactions do not lead to external budget connections being handled as <i>offline</i> anymore.
MOM-25041	Fixed issue	Workflow Engine & Elements	B	Resolved an issue affecting the conversion of spool files from PCL to PDF with RedTitan EscapeE.
MOM-25094	Fixed issue		C	Licenses are now repaired in uniFLOW Hybrid mode in case the BillingTable.db is missing.
MOM-24965	Fixed issue		C	The uniFLOW Server user interface now works as expected with the Microsoft Edge browser (Chromium-based).
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.

Issue key	Issue type	Component	Severity	Release notes
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.

# 7 uniFLOW 2022 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-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-25149	Fixed issue		B	Improved the verification of requests made to the budget service, so that budget checks for unmanaged users are refused now.
MOM-25142	Fixed issue		C	Improved logging of budget actions for non-uniFLOW Online users in hybrid environments.
MOM-18856	Fixed issue	Job Analyzer	C	Fixed a spool file analysis problem regarding an incorrectly accounted stapling feature for spool files from the Canon PS driver for Mac.

# 8 uniFLOW 2022 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-25161	Improvement	Scan Processing Server		Updated IDRS to v15.6.8 LTS 477.
MOM-23630	Fixed issue	Accounting, Budget Connector	C	The Blackboard budget connector now works with uniFLOW offline transaction support.
MOM-25050	Fixed issue	Database	B	Services are no longer erroneously recreated with different IDs if they are synchronized multiple times from uniFLOW Online to uniFLOW Server.
MOM-24732	Fixed issue	Device Agents	B	Device agent parameters for a printer received from uniFLOW Online are now applied in time so that the device agents of the printer start up with their correct configuration.
MOM-25333	Fixed issue	Network / Network Protocols	A	The polling time for the status of tasks being executed in uniFLOW Online has been reduced to 10 minutes.
MOM-23727	Fixed issue	Tasks / Task Scheduler	C	Outdated user information is now purged from memory after an LDAP import.
MOM-25318	Fixed issue		C	For spool files from the Canon PS driver for Mac, folding and hole-punching features are now correctly accounted for.