RELEASE NOTES

PACOM Unison v5.13.0

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Overview

PACOM Unison is an innovative and scalable software solution that incorporates access control, intrusion detection, alarm, video, elevator, intercom and fire sub-systems from third-party manufacturers into a unified building management and security platform.

The PACOM Unison client and server run on a Microsoft Windows platform. The ribbon-style menus on the user interface provide a level of instant familiarity for anyone who has used a Microsoft Office product.

One of PACOM Unison's most powerful features is a graphical layout view. New maps can be imported using AutoCAD drawings and other image formats. Icons can be placed on the drawing to represent various nodes, such as cameras, doors, alarms and card readers. The graphical view is fully interactive, allowing operators to click any icon to enact an action or command. Operators are able to monitor what and where any event happens and respond quickly and decisively. Information from hundreds and thousands of nodes are monitored and displayed in real-time using fully configurable graphical maps and panels.

PACOM Unison is available in 2 editions:

- PACOM Unison Standard: for small and medium organizations.
- PACOM Unison Enterprise: for large or complex organizations that require high workloads and accessibility.

Knowledge base

Knowledge base updates are found on the PACOM TeamSupport Portal.

Supported Languages

The following languages are supported in this Unison release.

Language	Software Version	Documentation
English	PACOM Unison v5.13.0	Available as Unison help version 5.13.0.
Finnish	PACOM Unison v5.13.0	Available only in English.
French	PACOM Unison v5.13.0	Available only in English.
Norwegian	PACOM Unison v5.13.0	Available only in English.
Spanish	PACOM Unison v5.13.0	Available only in English.
Swedish	PACOM Unison v5.13.0	Available in Swedish as Unison help version 5.11.5.

Note: PACOM Unison v5.13.0 can be installed in all the languages listed above, however, there may be some untranslated components which will be displayed in English.

Prerequisites

Please take note of the following prerequisites before installing Unison v5.13.0:

If upgrading from a Unison version earlier than v5.11.4, Unison must first be upgraded to v5.11.4 before upgrading to v5.13.0.

The file structure for the Pacom Unison installation has been rearranged and is now different from earlier Unison versions. If you have had any patches applied to your installation, it is very important to delete those files manually, as the installer will not delete these files.

New Features & Enhancements

Feature (ID)	Description
Operating System (46454)	Added support for Microsoft Windows Server 2025.
Drivers - User Experience (44788)	The Advanced Properties section for drivers is reorganized to make more room for the Settings Properties section.
Unison Debug Monitor (44901, 46244)	The Unison Debug Monitor has been updated and improved. NB! Please note that Debug to file now stores the debug logs at a different place Log data is now written to `%APPDATA%\Local\Pacom\Unison\Logs\` on the client and `%PROGRAMDATA%\Pacom\Unison\Logs` on the server.
Client (46265)	The Unison UI has been upgraded to use DevExpress v24.1.3.
Password Policy (46536)	The minimum default length of a password is now changed to 12 characters. This is configurable.
Graphics (46315)	Component for importing CAD files to Unison has been updated and now supports Import of DWG files (versions 13, 14, 2000, 2004, 2007, 2010, 2013 (AutoCAD™ 2013-2017), 2018).
Graphics (46341)	Added possibility to, with a single click, automatically create and set the name for all layers in Unison, that has been imported from an AutoCAD drawing.
Access Groups (46297)	Description field is now available to add more information to the access group.
Alarm Types\Reports (45957)	Alarm type usage report is now available as a standard report. This report lists all node events that are connected to a selected alarm type.
Client\Panels\Transaction Log (45950)	Added support to pause or resume auto select in real-time logs.
Drivers\System, Client\Users (46340, 44202, 43408, 46644, 44167) (TS-91798)	The handling of user fields for access users in Unison has been improved to support more default user field functions, have nicer presentation and not automatically show all driver specific user fields if a driver is unused.

Feature (ID)	Description
Drivers\System 47093	Setting to check if a PIN code is unique has been marked as obsolete. This setting will be removed in an upcoming release of Unison as this is a security weakness. The setting is an old odd RTU/Pacom 8000 function to log users using personal door codes (GIN code).
Drivers\ASSA ARX (46314, 46305)	Integration with ASSA ARX now supports TLS 1.3. NB! Requires ASSA ARX XML API v4.9 or newer .
Drivers\Bosch VMS (46553)	Added support for Bosch Video Management System (VMS) v12.3.0.
Drivers\Bosch VMS (46455) (TS-132809)	It is now possible to choose whether importing an updated configuration from Bosch VMS automatically should update the camera names and logical numbers for a node in Unison or not.
Drivers\Commend (45946)	The integration with the Commend intercom system has been updated and improved adding support for more features. Example of new features added: • Output control • Audio monitoring • PA announcement group call • Call suppression • Control of prerecorded audio Loudspeaker/microphone monitoring/station test
Drivers\Milestone (46256)	Milestone MIP SDK is now updated to utilize 2024 R1
Drivers\Milestone (45888)	Added support for Milestone Smartwall presets.
Drivers\Milestone (45317) (TS-84006)	Added better support for object analytics events for Axis cameras
Drivers\Milestone (45750, 46839) (TS-96874)	It is now possible to choose whether importing an updated configuration from Milestone automatically should update the names for cameras and other Milestone devices for a node in Unison or not.

Feature (ID)	Description
Drivers\Panasonic EBL.net (46507)	Added support for Panasonic EBL.NET v3.7.
Drivers\SALTO (46504)	It is now possible to encode an already coded (non-blank) Salto card by sending the card number to the encoder so it can be overwritten.
Drivers\SALTO (46669)	Added a Generate Required event that indicates that the Generate command must be run before door settings are synchronized from Unison to Salto
Drivers\Sentrion (46527)	Added possibility to use host name instead of IP address. This is a change to prepare for compatibility with upcoming newer releases of the Sentrion firmware supporting DHCP.
Drivers\Suprema Biostar (46134)	Commands for enrolling fingerprint and/or face recognition for the Suprema Biostar integration is now available as commands in the right-click menu to align with the standard way of using commands in Unison.

Fixed Issues

The following table indicates those issues in Unison that have been either fixed explicitly or cannot be reproduced, but changes to the Unison product should have fixed or reduced the effect of these issues. It is recommended that customers test this Unison version to ensure that any reported issues have been appropriately rectified for operation on site.

Internal ID	Category	Description
45879	Client	Unison client stops working and must be restarted if you switched Windows user and switched back to the user operation in the Unison client. The same issue could occur if you locked your computer and unlocked it to continue working with the Unison client or if you used Remote Desktop connecting to a computer running the Unison client, signed out from the session and cancel the signing out. All these different scenarios can occur if SSO is used to log into Unison.
45879, 46491 TS-133821	Client	Unison Client stops responding and must be restarted for any of these different scenarios, if SSO is used to log into Unison. • Client is left unused for a long period of time. • Client is locked when using remote desktop • Switching Windows user • Disconnecting from a remote desktop session and connecting again • Signing out from a remote desktop session and cancel the signing out.
46035, 46678, 46228, 46856 TS-139652, TS-118989, TS-144257	Client	Scheduled commands cannot be deleted due to database restrictions.
46127	Client	Date and time fields in the Alarm Acknowledge screen does not fit Finnish date/time format.
46142	Client	Added possibility to enable AoR node filter for folders.
46310	Client	Added possibility to sort events alphabetically when bulk updating events
46311	Client	The size of the schedule command dialog has been changed so all data in that window can be seen without using a scroll bar.

Internal ID	Category	Description
46334	Client	Show schedule command window does not open on the same window as Unison explorer.
46496, 46258 TS-133827	Client	The operator group and partition list under supervision is shown at the bottom right corner of the screen when a user logs in to Unison.
46505 TS-133821	Client	Filtered transaction log opened from an object (for example, a door) includes several different objects.
46652 TS-84695	Client	Unison Client Graphics does not display properly when using French language.
46283	Client	Improved the possibility to zoom in and out a time schedule, program schedule or a time program
24954 65B72B	Client	Changes made to the Edit Search Input Fields for a user are not saved if you log out from the Unison client without first closing the Unison explorer window.
44862	Client	Advanced Filter (Users) Windows does not close completely and is visible when the mouse is hovered over the Unison Client Explorer in the Taskbar.
46349	Client	Changed default sorting order for the access card profile when creating a new access card from being sorted using the database private key, to being sorted alphabetically. Recently used card profile is still saved and remembered for an operator/client machine.
46378 TS-129191	Client	Added possibility to allow an operator to change card status without having permission to change card layout/profile
46545	Client	Changes to the default user fields "First name" or "Last name" are not reflected in the column names in the users list.
45781	Client	Fixed an issue that could occur when you had created a new operator group, and an error message saying "Action is already inserted for permission id 1017, profile 0" was shown.
46328	Client	When copying an operator group, this operation now copies the area of responsibility configuration, the command reason configuration and the graphic preload selection configuration and not only the operator permissions.

Internal ID	Category	Description
46377 TS-129538	Client	While copying/pasting between different segments in the Operator Groups - Segment Details page, the copy/paste box might get placed above the expand/collapse box.
46990	Client	Bulk updating alarm actions could save incorrect configuration for commands without property pages. Instead of having the possibility to Execute the command, the command button said Show and when you tried to use the alarm action command an exception error was thrown.
46208	Client\Esri Map	Fixed an issue where a security level change didn't re-initialize the filter, thus broke the map view panel.
46556 TS-95821	Client\Graphics	While connecting nodes in Graphic Editor, the node chosen first disappears after searching for the second node to connect.
46077	Client\Hardware	Changes to "command grouping" is not updated until the Unison explorer is closed and restarted.
11734 FCFD66	Client\Transaction Logs\Operator Changes	Some information is missing in the detailed report on operator changes transaction log.
30753 F70C5D	Client\Panels	Changed the order for how a Unison docking window name and panel name are shown when hovering the Unison client in the Windows task bar. Previously this was shown as "Panel name - Unison docking window name" and is now changed to "Unison docking window name - Panel name"
46389	Client\Panels	Hot key defined for a panel stops working if the panel name changes.
24955 680DE5	Client\Panels\Alarm List	Filtering in the alarm list does not work if the first part of the alarm type name is the same for two or more alarm types. For example, "Door alarm" and "Door alarm Prioritized" does not work, but "Door alarm" and "Prioritized Door alarm" works.
46070	Client\Panels\Alarm List	Bulk acknowledge/reset/close with a filtered list is applied to all alarms in the list instead of only the selected alarms with the filter.

Internal ID	Category	Description
46357 TS-128205	Client\Panels\Alarm List	Show details option for an alarm is missing in the Alarm list.
46462	Client\Alarm Acknowledge Dialog, Drivers\Network Video	Improved handling of the Network Video driver to prevent client crashing when switching/viewing video
46713 TS-142967	Client\Panels\Alarm List	Fixed an issue where the status of a manual alarm action wasn't updated if the status changed when having the alarm acknowledge opened. This applied to the classic alarm dialog but worked fine for the alarm details panel.
45561, 46816 TS-96417	Client\Panels\Graphics	Fixed an issue where the operator rights for the right click menu at the graphic panel wasn't removed even though this was the configuration done in the operator group.
46409	Client\Panels\Graphics	Unable to execute commands from a Method Property Control in the Graphics View using the 'Execute Command' button.
46413	Client\Panels\Graphics	Fixed an issue where opening a graphic panel and the system should center/zoom into the alarming node/symbol caused an exception crash
45393	Client\Panels\Real-Time Alarm Transactions	When an alarm event toggle is turned off, the log shows when the alarm event turned on instead Added the columns "Alarm off" and "Alarm occurences" as default columns when opening the real time alarm transaction panel to make it easier to understand which event is the "on" event and which is the "off" event in the list. Default is now "Alarm On" "Alarm Off" "Alarm occurences" and then the rest, where it in previous versions only was "Alarm On" and then the rest.
46055	Client\Panels\Real-Time Transactions	Added "Show in Map" option when looking at the details for an alarm from the real-time transaction log.
46130 TS-114633	Client\Panels\User Areas	Custom user defined data disappears randomly when viewed from the presence zone panel.

Internal ID	Category	Description
46537, DES02	Core\Installer	Added a checkbox to the server installation program to be able to configure Unison to either "Trust Server Certificate" or if the certificate shall be validated. If you activate "Trust Server Certificate" you as the technician installing/upgrading Unison, will get a warning that this configuration is unsafe. Have the "Trust Server Certificate" setting activated, causes the client, Unison in this case, to skip the step that validates the server certificate and continue with the encryption process. In other words, this means that Unison doesn't validate the TLS certificate it receives from the backend..
46564	Core\Installer	Registration of the System driver fails when using a Norwegian OS.
46136	Core\Installer	Updated the client installation so the Silent switch works with SaveConfigPath and not just LoadConfigPath
46140	Core\Installer	Connection test to the database in the client installer continues to be tested indefinitely if you hit "Next" many times.
46375, 46430 TS-129421	Core\Installer	FormatException error is shown while restoring the database when running Unison using a Norwegian or Danish localised version of Windows.
46566 TS-133525, TS-137316, TS-134314	Core	Subscribers are not deleted if one or more Unison explorer windows are open for a long time after Unison application is closed.
46255	Core\Driver Framework	Fixed an issue were creating a new node and saving it directly sometimes made the initialization of the node to fail, forcing you to disable/enable it to get it working.
46396	Unison Server Manager	Server menu disappears if the server name is longer than the default "None" in the Unison Service Manager.
46108 TS-106260, TS-114362	Drivers\System\ Clients	Clients stop working due to host machine configuration.

Internal ID	Category	Description
46167 TS-116491	Drivers\System	Reports show inactive layers when sending alarm reports through email.
46364 TS-128704	Drivers\Unison Access Service	The default access card profile cannot be changed from the Unison Access Service driver configuration once the configuration had been saved.
45156 TS-57663	Drivers\Ascom telePROTECT	Alarms from beacons are not unique if there are multiple Ascom systems.
46287	Drivers\Ascom telePROTECT	Alarm is triggered from the base station instead of the beacon in Ascom systems.
46325	Drivers\Ascom telePROTECT	Alarm is reported on last known beacon instead of unknown beacon.
46326	Drivers\Ascom telePROTECT	Change to get an alarm presented from the correct beacon and also add position info for an unknown node alarm.
45815 TS-103682	Drivers\Assa ARX	Assa ARX doors do not work in an user area.
45824 TS-95549	Drivers\Assa ARX	Some ARX events might not be linked to a Unison user even though the card exists in Unison.
46210	Drivers\Bosch VMS	Communication with Bosch VMS client has been improved so a Bosch VMS client that is offline won't affect the overall integration
46646 TS-138665	Drivers\C2	Added more information to Sentrion Input/Output reports.
46634 TS-138266	Drivers\Generic OPC	Generic OPC driver starts with an error message in debug monitor - "System.NotSupportedException: The COM server does not support the interface 'OpcRcw.Da.IOPCServer'."

Internal ID	Category	Description
46289 TS-108481	Drivers\Honeywell Galaxy Dimension	Fixed an issue where the Database Changed event would be set active on each poll from Unison. The event is now cleared once you have executed the Generate command and imported the Galaxy data to Unison. Please note that the "Database Changed" event only is set if you change the Galaxy configuration using a keypad. If you make changes using the Galaxy remote servicing program, you must remember to import the data to Unison without getting this useful reminder.
46304, 46359 TS-126186	Drivers\iLOQ	The inactivity timer is not updated when Unison has several updates of iLOQ keys state that must be ordered from the iLOQ system or generally many keys that must be updated in the same batch change.
46257	Drivers\Modbus	Modbus Holding and Input Registers are not limited to 125 contiguous registers when using Medium Range or Long Range polling strategy.
45365, 46147 TS-115617, TS-95367	Drivers\Panasonic EBL.net	Fixed so it is possible to restore low battery capacity alarms from Unison. Please note that this was an EBL.net bug and the solution requires EBLnet 3.7. If you use an older EBL.version the issue remains.
46513 TS-133262	Drivers\Panasonic EBL.net	Fixed Finnish translation bug that shifted functionality for these commands: DisableAlarmTransmitter: From "Takaisinkytke Palovälitin" to "Irtikytke Palovälitin" EnableAlarmTransmitter: From "Irtikytke Palovälitin to "Takaisinkytke Palovälitin" DisableFaultTransmitter: From "Takaisinkytke Vikavälitin" to "Irtikytke Vikavälitin" • EnableFaultTransmitter: From "Irtikytke Vikavälitin" to "Takaisinkytke Vikavälitin"
46653	Drivers\SALTO	Fixed an issue where antipassback options were reversed when antipassback was enabled.
46660 TS-139246	Drivers\SALTO	Fixed an issue where SALTO cards that were deleted in Unison (marked as IsDeleted=1 in the database) were still found when reading cards back using the SALTO encoder.

Internal ID	Category	Description
21960 D3CC00	Drivers\TLab Sentrion	When printing an report from an Input in Sentrion, the detailed Input/Output report shows a printscreen from the default folder from Unison and does not include any details.
45847	Drivers\TLab Sentrion	Change has been made so we disable the night lock settings when a BSL or MEL door is used, as that feature isn't supported with that kind of doors. Any such configuration done by some creative technician will remain untouched.
46066	Drivers\TLab Sentrion	Fixed a bug where outputs were not activated again after disabling and then enabling the output again.
46150	Drivers\TLab Sentrion	Exception occurs if the section type for a Sentrion node is changed twice or more before saving the changes.
46302	Drivers\TLab Sentrion	Improved error message for time table sync error which can occur if you import a Sentrion database backup.
46403	Drivers\TLab Sentrion	Added support for low voltage events for the control panel.
46407	Drivers\TLab Sentrion	Fixed a problem when adding sections to an area and the section was a new node.

Known Issues

Internal ID	Category	Description
44339	Client	An open graphics panel is not updated correctly when removing and adding node permissions. To resolve this issue, close the panel and reopen it so that it is updated correctly.
44822	Client	Log operator permissions are not fully applied until logs are reloaded. Changing operator group permissions does not take effect until the log is reloaded, either by saving, undoing or clicking away from the log.
45162 TS-76540	Client	Unable to add Card Readers or Other Access Nodes to the Advanced Filter on Users.
45185, 46379, 47102	Client	Operator roles might be corrupt after upgrading Unison and might require to be reconfigured.
46457	Client	Unison client can crash when an operator switch is done.
46847	Client\Alarm List	The last closed alarm can appear in an alarm list if the alarm list is empty, that is there is no alarms currently active in the system.
29112	Client\Graphics	Alarm balloon is missing the event symbol for a multi-event control node when 'Show in Graphics' is executed.
46306, 46666	Client\Operator Groups	Operator group permissions are saved incorrectly after upgrading Unison. This applies to all partitions under all Transaction logs (Alarm log, Access Control log and so on) except the Standard partition. Please check how the configuration is done before upgrading Unison and reconfigure this after the upgrade.

Internal ID	Category	Description
46379	Client\Roles	Role workspace/thumbnail do not appear in the Roles workspace. This is due to a change of how the image is stored as the previous storage format was a security risk. Work around for this is to load the role and save the role workspace again.
46461	Client\Users	Unison client might stop responding when unlocking an access card.
43777 TS-47494, TS-45671	Client\Transaction Logs	Operators are not able to view alarm log transactions without a User if the **View Orphaned Transactions** permission is not set.
44610	Installer	The Unison installer language does not correspond with the Windows language.
46609	Core\Installer	On rare occasions a syntax error can occur during an installation of Unison while running the Unison Server Configuration Wizard. Work around if this happens, is to back the wizard one step and retry the operation..
46421 TS-131890; TS-139551	Drivers\ASSA Arx	In case of communication errors with an LCU in ARX, Unison shows communication errors, which is completely correct. When the the ARX – LCU communication is restored, the LCU status in Unison shows Undefined. To be able to get the status Undefined updated in Unison, you have to restart the Unison ARX driver. Although the status is undefined in Unison, the communication between LCU and Unison works.
43582	Drivers\Bosch VMS	Adding a second Bosch VMS driver to the Unison server can cause a communication error with the driver(s).
44258, 46247 TS-67207	Drivers\Bosch VMS	Upgrading Bosch VMS v9.x to BVMS v10.x or later using decoders/monitors and generating the database in Unison, creates many more monitors in Unison and the older ones appear greyed out and unusable, but they can still be used.

Internal ID	Category	Description
34370	Drivers\Consilium	Due to an existing limitation in the Consilium interface, Unison is not able to differentiate between test alarms and real alarms. This means that alarms triggered when the Consilium panel is in test mode will display in Unison as real alarms.
44661 TS-70804, TS-64156	Drivers\Deister	When Deister Access Groups or Keytag Groups are deleted from a person in Unison, they are currently not removed from the person in Deister.
46133	Drivers\Deister	"Release Key for Users" command might not work.
43859	Drivers\Honeywell Galaxy	If a tamper alarm is still active for a RIO and a re-sync is done, the RIO tamper will be restorable and not visible in Unison any more even if the tamper is still active in Galaxy.
43954	Drivers\Panasonic EBL.net	A high current event does not activate anything in neither EBL web nor Unison. Unison has an event for this on sub detector lines (COM loop expander). This is a Panasonic panel issue.
46280	Drivers\TLab Sentrion	Unison fails to send certificates when switching to encrypted communication.
46064 TS-110991	Drivers\Suprema Biostar 2	Unison driver removes initial 0 (zeros) in ID when creating users in Suprema Biostar.
46065	Drivers\Suprema Biostar 2	Unison driver does not update User ID in Suprema if the ID is changed in Unison.
45187	Drivers\WCF	The WCF driver can occasionally stop working after an upgrade. Delete and recreate the WCF driver.