

RELEASE NOTES

PACOM Unison v5.11.5

Build Number: 5.11.5.29019

Release Date: 26 April 2023

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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 Support [website](#).

Integrated Video & Video Plugins

Integrated Video and video plugin updates are located on PACOM's [FTP](#) site.

Supported Languages

The following languages are supported in this Unison release.

Language	Software Version	Documentation
English	PACOM Unison v5.11.5	Available as Unison help version 5.11.5.
Finnish	PACOM Unison v5.11.5	Available only in English.
French	PACOM Unison v5.11.5	Available only in English.
Norwegian	PACOM Unison v5.11.5	Available only in English.
Spanish	PACOM Unison v5.11.5	Available only in English.
Swedish	PACOM Unison v5.11.5	Available in Swedish.

Note: PACOM Unison v5.11.5 can be installed in all of the languages listed above, however, there may be some untranslated components which will be displayed in English.

New Features & Enhancements

Feature	Description
Software requirement upgrades	<p>Support has been added for:</p> <ul style="list-style-type: none">• Windows Server 2022• Windows 11• SQL Server 2022 (Due to a potential issue with SQL Server 2022 where incorrect syntax can be reported during upgrade, it is recommended that SQL Server 2022 is run in SQL Server 2019 compatibility mode.) <p>The minimum requirement for Unison v5.11.5 is now SQL Server 2017 or later.</p>
Transaction logs	<p>New operator group settings have been introduced to allow an operator to temporarily change log search parameters without having to permanently save the changes .</p>
ASSA ARX Driver	<p>Support has been included for ASSA ARX Alarm Systems - including alarm areas and sections which can now be controlled and monitored from within Unison.</p>
Consilium Driver	<p>Unison now directly integrates with the Consilium Fire Alarm Panel. This was previously available as a separate plug-in driver.</p>
Dormakaba Driver	<p>Unison now integrates with Dormakaba Kaba exos 9300 Access Control.</p> <p>Kaba exos 9300 is a flexible and scalable access management system that offers a wide range of offline and online doors with mobile access capabilities.</p>

Feature	Description
iLOQ Driver	<p>Integration with iLOQ Access Control.</p> <p>Note: An internet connection is required by the Unison Server to connect to the iLOQ cloud service.</p>
Milestone Driver	<ul style="list-style-type: none"> • Milestone MIP SDK version is now 2022 R2. • Multiple Milestone Recording Servers are now supported. • You are now able to view analytics events from ONVIF, Axis and Bosch cameras in the Milestone driver. <p>Note: Some analytics events may not display in Unison as expected since Milestone creates a dynamic ID which is site specific for some events. This will be resolved in a future release.</p> <ul style="list-style-type: none"> • You can now arm/disarm Milestone cameras, inputs, outputs, speakers and microphones from the Unison System Area. • Milestone speakers and microphones are supported. • The Milestone video window in Unison has been redesigned to include a collapsible camera control to make more space for the live feed view. The Milestone video window now scales correctly when resized.
PACOM Power Supply Driver	<p>Support has been added for PACOM Power Supplies (facility / utility cabinets).</p> <p>PACOM Facility and Utility Cabinet Power Supplies can communicate with Unison directly over IP to manager system power status.</p> <p>Remote firmware update over IP is also supported.</p> <p>Note: PACOM Power Supply hardware is currently only available in the Nordic region.</p>
Suprema Biostar 2 Driver	<p>Support has been included for Suprema Biostar 2 biometrics.</p> <p>The Suprema Biostar 2 system supports biometric readers - fingerprint and facial recognition.</p>
Tlab West Sentrion	<p>You are now able to send information to a screen with a web browser displaying the information. This is called the Sentrion Display.</p> <p>Note: To use this feature, Sentrion v5.1.0 or later is required. This is to be released after Unison v5.11.5.</p>
TrakaWEB Driver	<p>Support is now available for TrakaWEB Key Cabinets.</p> <p>The advanced browser-based administration suite of TrakaWEB centrally manages Traka touch key cabinets and locker systems.</p>

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
23103	Drivers/Milestone	The camera preset list for Milestone cameras is not being updated unless the operator logs out of the Unison client then logs back in. Now if an operator has not switched or opened a Milestone camera for 5 minutes, Unison forces a new login to Milestone which updates the camera preset list.
24898	Drivers/Milestone	Milestone camera outputs are not activated when an activate command is sent.
40611	Drivers (System)/System Notification	Occasionally the System Notification driver does not function as expected and an exception occurs.
42287 TS34830	Client	A fatal Windows forms error displays is multiple logins were set and the Enter key was pressed on the question to terminate the other client on login.
42969	Client	The Acknowledge button text in the Alarm Details Panel is truncated when the Display settings of Scale and Layout are set to 125%.
43066	Drivers/Milestone	The Milestone video window does not scale correcting when viewing live video from Milestone.
43107 TS38426	Client	Access groups are visible to operators across segments when filtering is used.
43168	Client	When saving a role for an operator with certain columns for the Alarm List panel unselected, the columns reappear when reloading the role.
43173 TS37294	Client	It is not possible to cancel sending an alarm code via SMS from the Alarm List.
43422 TS39743	Client	With some themes, for example, McSkin, an exception arose if you moved the mouse cursor outside a dialog where you were to select an item. If you clicked Close, the Unison client closed as well.
43438	Client	You cannot close clients that are monitoring areas of responsibility when you start a new client on the same computer.
43439	Client	Partition Monitoring Timeout affects the possibility of unchecking areas of responsibility, if the client does not function as expected.

Internal ID	Category	Description
43498 TS47805	Client	When saving pre-loaded graphic images for an operator group, clicking the Save button next to the Create button does not include the last selected option.
43500	Client	Hovering the mouse cursor over the icon at the beginning of the line in the realtime access log does not display the person's photograph. This was possible in previous Unison versions.
43514	Installer	There is an issue installing Unison in a localized Windows system if the Windows group name <i>Everyone</i> is hard coded and not translated to the localized group name.
43519 TS27098	Client	The Unison client crashes if the Find Node screen is open in the Hardware view while navigating to a different tab.
43780 TS30076	Client	Unison stops responding when trying to copy/paste partition permissions for an operator group.
43788	Client	An administrator user is able to delete themselves. The original administrator user and administrator group can now no longer be deleted, only renamed. Administrator users that belong to the administrator group can no longer delete themselves.
43827	Client	When executing an alarm action command on a target node, the Show button is incorrectly displayed instead of the Execute button.
43851	Client	The Unison client is now high DPI aware to better handle display scale factor changes dynamically. In order for this to work with high DPI monitors, select Unison Client > Properties > Compatibility tab > Change High DPI settings. Then select Override High DPI Scaling Behavior and scaling performed by System.
43860 TS55041	Drivers/Panasonic EBL.NET	When trying to disable an EBL section address (for example, detector or alarm button), the device is disabled in the EBL panel but not in Unison. This means that it could not be enabled again.
43870 TS39723	Client	When switching operators, there is a new option to allow/not allow cancelling the dialog.
43879 TS55054	Drivers/Panasonic EBL.NET	The Show sensor values command freezes at 95% completion when run from the EBL root node.
43882 TS44099	Driver Framework	The driver framework does not trigger a change in the driver when an access group is added to a user. This is an issue for plug-in drivers for access control system that use the new framework, such as Dormakaba and iLOQ.

Internal ID	Category	Description
43923 TS43919	Client	Operators without permissions for method calls, can still interact with buttons in the graphic panel that perform method calls.
43924	Client	It is possible for a logged in operator to delete themselves.
44026	Installer	It is not possible to install Unison if the installation path contains a dash (-) character.
44037	Drivers/ASSA ARX	Some ASSA ARX access events are missing from the Unison access log.
44039	Drivers/ASSA ARX	User settings Valid From and Valid Until are not sent to the ASSA ARX system.
44041	Drivers/ASSA ARX	ASSA ARX access group cannot be used as part of Unison access groups.
44099 TS57516	Drivers/Alarm Sender	It is not possible to set a valid IP address for stations on the Alarm Sender driver.
44121	Installer	There is an issues with the SQL benchmark test in the installer, where the list results are too large to fit within the dialog box.
44177	Drivers/ASSA ARX	ASSA ARX events can be missed in rare scenarios where multiple events come in with the same time stamp. Only a portion of the events are reported by ASSA ARX as a result of the first query.
44309	Client	There is a scale resolution and position issue for modal forms when they are saved during the latest login session.
44430	Client	On the Select Device Servers dialog box, the OK and Cancel buttons are in the incorrect order on the dialog box.
44505	Drivers/SALTO	It is not possible to enrol SALTO cards when have ROM codes with leading zeroes.
44530	Client	In order for the Unison client to be DPI aware, no skin apart from the basic skin, must be applied to the login screen. The client can have another selected skin for all screens except the login screen.
44564	Drivers (System)/System	Addition of a constant dictionary to include 4 objects: None, Enter, Enter+Alt and Alt+F2, for the System notification driver.
44605	Drivers/PACOM 8002	Support is now available for Enable/Disable dual entry macros for PACOM 8002 card readers.
44628	Drivers/SNMP	The SNMP ping failed message is a warning type when it should be an information type.

Internal ID	Category	Description
44644 TS72376	Client	Large AutoCAD drawings with more than 2000 node connections to alarm symbols can now be handled.
44865 TS4781	Drivers/Ascom Teleprotect	Ascom messages are being delayed by 1 second when using the OAP protocol. If the Minimum Delay parameter value is set to the minimum value of 1 second, the delay is now 20ms instead of 1 second when using the OAP protocol.
45116	Client	In the realtime access log, the user data panel is not updated with user information from the latest transaction.

Deprecations

Feature	Description
Installation	Unison v5.11.5 requires Microsoft SQL Server 2017 or later to be installed. Upgrade the Microsoft SQL Server before upgrading Unison to v5.11.5.
Panels	The Realtime Transaction Log panel is no longer available.
Drivers	<ul style="list-style-type: none"> Milestone Enterprise Server is no longer supported. The BACnet driver has been renamed to Siemens Desigo to avoid confusion. The driver is for the Siemens Desigo system communicating using the BACnet protocol. The Unison System Data Service (SDS) has been replaced with a different mechanism for status updates. Note: Block IP port 9684 (or the corresponding port configured for SDS) on the Unison Server after upgrading to v5.11.5. It is no longer possible to select and use older Sentrion S2 protocols.

Known Issues

Internal ID	Description
34370	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.
43427	An intermittent error <i>Unknown SQL error 11728. Try again.</i> occasionally occurs when attempting to change operator group permissions for all panels.

Internal ID	Description
43582	Adding a second Bosch VMS driver to the Unison server can cause a communication error with the driver(s).
43777	Operators are not able to view alarm log transactions without a User if the View Orphaned Transactions permission is not set.
43884 44797	For the Bosch VMS driver, the Central Server Service can crash when activating a new BVMS configuration and the Unison driver is connected to the BVMS Server.
43886	Hidden node events can sometimes be visible when a node is updated or the configuration has changed. To resolve this issue, change to another node and then return to the specific node.
44115	Cloning an operator group does not copy the area of responsibility settings.
44167	Hidden custom user data fields for some drivers like TrakaWEB, Suprema and Dormakaba are currently visible until an instance of the driver is started.
44258	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.
44399	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.
44610	The Unison installer language does not correspond with the Windows language.
44661	When Deister Access Groups or Keytag Groups are deleted from a person in Unison, they are currently not removed from the person in Deister.
44822	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.
44828	An exception occurs when printing badges if the Unison client is run without the operator being a local administrator.
44833	Alert Annunciation Alarm and Dependent Alarm exist on more nodes than just Input/Loop and General Fire.
45025	If changes are made to an area of responsibility and another change is made quickly, then the area of responsibility filter is configured at the same time, an exception can occur. The exception appears bad, but technically everything is fine. To resolve this issue, click OK on the exception.
45110	With the Ascom Teleprotect driver there was an error message that displays in Unison v5.11.2 - <i>Not possible to send message</i> . If either the driver or all of Unison is restarted, messages cannot be sent to devices that were disconnected during the restart and connected after the restart.