

RELEASE NOTES

PACOM Unison v5.11.7

Build Number: 5.11.7.30029

Release Date: 29 February 2024

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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 v5.11.7	Available as Unison help version 5.11.6.
Finnish	PACOM Unison v5.11.7	Available only in English.
French	PACOM Unison v5.11.7	Available only in English.
Norwegian	PACOM Unison v5.11.7	Available only in English.
Spanish	PACOM Unison v5.11.7	Available only in English.
Swedish	PACOM Unison v5.11.7	Available in Swedish as Unison help version 5.11.5.

Note: PACOM Unison v5.11.7 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, Changes & Enhancements

Feature (ID)	Description
<p>Unison System (TRA-F26464), (44882), (45305), (TRA-F26466), (44884), (45304), (45307)</p>	<p>Security enhancements has been introduced such as stronger obfuscation, temporary session-based client connections, SQL Server data protected by stored procedures and triggers.</p>
<p>Unison Installer (TRA-F26466), (44883), (45308)</p>	<p>Introduced warnings to the Unison Installer Server Setup Wizard, to remind the technician to use secure encrypted communication and to change the Unison SQL Server password. Please see the Unison Installation Guide for more information on how to install the system according to best practice.</p>
<p>Unison Installer (45634)</p>	<p>The Unison Client Setup Wizard has been updated to support new authentication methods. Please see the Unison installation guide for more information.</p> <p>The connection test can fail, and you are still allowed to finish the Client Server Setup Wizard. This to be able to complete the installation and after that run the Unison Client Setup Wizard again using command string parameters and silent install for remote installation/upgrade.</p>
<p>Unison Installer (45633)</p>	<p>Client connection strings are now stored in C:\ProgramData\Pacom\Unison\UnisonClientConnections.config. These are machine encrypted so can't be copied & pasted to other machines.</p> <p>The server connection string is now stored in C:\ProgramData\Pacom\Unison\UnisonServerConnection.config. The file is machine encrypted so can't be copied & pasted to other machines.</p> <p>The client connection strings are now stored with a database password and an optional name. The database password replaces the UnisonClient connection string password but is required regardless of if the UnisonClient account is used. The optional name is used in the client login dialog server drop down. Defaults to datasource if not set.</p> <p>The Unison Server Setup Wizard will overwrite the first client connection string if run on the same machine as the Unison Client Setup Wizard, (e.g. a Unison Device Server).</p>

Feature (ID)	Description
Unison Installer (45884)	<p>Added possibility to create a config file that can be distributed and later loaded using the Unison Client Setup Wizard.</p> <p>This is to enable IT-departments to centrally create a client config and then use this file on each client install. The normal file used by Unison client is machine encrypted and can't be distributed to other machines.</p> <p>For more information see the Unison Installation Guide.</p>
Unison Operator Password, (TRA-F26467), (UNISON-146) (44885, 45716)	<p>New setting has been added to be able to set minimum password length for Unison operators. The check is done when changing or creating a new password. The setting is found in the System driver, Advanced Settings property page tab.</p> <p>Default value is 4 characters. For stronger password control, SSO usage is recommended.</p>
Client, Unison Operator (TRA-F26463) (44813)	<p>Passwords for Unison Operators have better protection.</p>
Unison Operator, Client Login (45883)	<p>New default language selection available in settings for login and operator properties. It's now possible to select the Windows selected language in OS for the operator properties and at the login dialog.</p>
Unison User PIN (45718)	<p>A new Unison installation will set the PIN code visibility setting to be "Never show" by default. Existing Unison installations will not be changed.</p>
Unison System Driver 45334, 45602	<p>The System driver feature "Log Deletion Management" has been removed. This feature meant to be used to be able to control the size of log files did not work and could destroy archive logs. This functionality will instead be reintroduced later.</p>
Unison User Profiles 45609	<p>Due to the "Log Deletion Management" as described in ticket 45334 and 45602, the menu "User Profiles" came obsolete as no deletion of logs are allowed anymore. This menu has been removed and will instead be reintroduced later.</p>
Unison Access Service (43461)	<p>The Unison Access Service API has been updated with new features. Please see the Unison Access Service API documentation for more information on what's new.</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
45400, 45765	Installer	If you upgrade Unison, the Unison installer will automatically upgrade the SQL Server compatibility level to "SQL Server 2019 (150)" (Recommended) if using SQL Server 2019 or newer. If you use SQL Server 2017, which is the oldest SQL Server you can use with Unison v5.11.7, the compatibility level will be set to SQL Server 2017. If the compatibility level is set to a higher level, it will not be changed.
45565	Client	Failed SSO login error message has been changed to make it easier to understand what the login issue is caused by.
45589 TS96263	Client	Active Directory and Single Sign On settings found under the Unison System driver was reset to be Unison authentication only after upgrading from older Unison versions to v5.11.6 or newer. These settings have now been removed and configuration of the now called Legacy AD/Legacy SSO functionality are done using the Unison Server Configuration Wizard and the issue has by this been resolved.
45728	Client	Fixed an issue where the Area of Responsibility log view could generate an exception when switching back and fort between the Log and the Duration views.
45762	Client	Start argument "-AutoLogin" for the client can now be used again.

Prerequisites

Please take note of the following prerequisites before installing Unison v5.11.7:

- If upgrading from a Unison version older than v5.11.7, Unison must first be upgraded to v5.11.4 before upgrading to v5.11.7

Known Issues

Internal ID	Category	Description
44610	Installer	The Unison installer language does not always correspond with the Windows language.
45930	Replication	<p>Configuring a new slave server and trying to let the master server synchronize the new server will fail. This is a bug that's been found during test of this release and the issue also exist in Unison v5.11.5, v5.11.6 and v5.11.6 SP1.</p> <p>Work around is to install and create the new replication node/slave server. After that take a backup of the database from the master server and restore this backup to the slave server. With this operation the synchronization problem is overcome.</p> <p>NB! This is exactly the same operation that is recommended when upgrading from an older version of Unison.</p>
45793	Unison System	<p>Due to new security enhancements done for a Unison client session, you will not be able to lock the client after starting a bulk operation and have that operation succeed its tasks.</p> <p>NB! Please ensure that you do not lock the client when working with bulk operations.</p>
45185	Client	Operator roles may be corrupt if upgrading from older versions of Unison. To work around the issue the operator role must be removed then re-created.
43851	Client	Unison Client now supports High DPI but some parts may still look strange depending on which resolution is used. This will be sorted out over time. If this occur or becomes a problem the High DPI support can be ignored by setting the following: Unison Client -> Properties -> Compatibility Tab -> Select "Change high DPI settings" then check the "Override high DPI scaling behavior" checkbox and select "System".
44583	Client	When using Alarm Details Panel, the (classic) Alarm Dialog is still shown if the alarm is handled by double-clicking the alarm in the graphics or from the log.
43777	Client	Operators are not able to view alarm log transactions without a User if the View Orphaned Transactions permission is not set.

Internal ID	Category	Description
44115	Client	Cloning an operator group does not copy the area of responsibility settings.
44167	Client	Hidden custom user data fields for some drivers like TrakaWEB, Suprema and Dormakaba are currently visible until an instance of the driver is started.
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.
45404	Client	Area of Responsibility Visibility Filters can sometimes be partially hidden depending on selected resolution and client size.
45162	Client	In Advanced Filter for Users it is currently not possible to filter on <i>Card Readers</i> and <i>Other Access Nodes</i> .
TS-103334	Client/ Graphic Editor	If you manually change the picture size in the Graphic editor. You still can't place symbols and other objects outside the original size of the picture.
43884 44797	Drivers/ Bosch VMS	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.
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	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.
45099	Drivers/ Network Video	Unison freezes when trying to show video from already open RTSP stream

Internal ID	Category	Description
45365	Drivers/ Panasonic EBLnet	It is currently not possible to restore low battery capacity alarms from Unison with EBLnet 3.2.0 and 3.3.0. The workaround is to restore these alarms from the webserver.
45214	Drivers/ SALTO	SALTO cards will require to be swiped multiple times in the Online reader to be updated if the Online reader has not been used in a few hours.
45187	Drivers/ WCF	The WCF driver can sometimes stop working after an upgrade in which case it must be deleted/recreated to start working again.