

DATASHEET

UNISON - SYSTEM OVERVIEW



MAIN FEATURES

- ▶ Dynamic and flexible design enabling truly customized solutions
- ▶ Open architecture facilitating third-party integrations
- ▶ Simple and intuitive Graphical User Interface
- ▶ Roles-based administration with granulated permissions
- ▶ Windows-based Client and Server system
- ▶ Automatic uploading of configuration to Unison
- ▶ Unlimited zones
- ▶ Detailed statistics and reports
- ▶ Complete database partitioning
- ▶ Dynamic graphical monitoring and control
- ▶ Fully scalable from small to enterprise environments

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

PACOM UNISON

PACOM Unison is an innovative and scalable Windows-based application that integrates multiple security, access control, and monitoring sub systems into a simple, unified, user-friendly solution. Information from hundreds and thousands of nodes are monitored and displayed in real time using fully configurable graphical maps and panels.

The Unison client and server run on Microsoft Windows platform and the user interface uses ribbon-style menus that provide a level of instant familiarity for anyone who has used a Microsoft Office product before. The logical, simple and intuitive interface allows new operators to quickly navigate and understand what could otherwise be very complex environment. This means that operators are able to quickly and knowledgeably respond to a myriad of events in a secure manner.

One of 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 graphic view is fully interactive allowing Operators to click on any icon to enact an action or command. Operators are able to monitor what and where any event happens, and can therefore respond quickly and decisively.

Provisioning an access control, intrusion, fire, or other sub-system could not be easier. Unison communicates with the sub-system to import the configuration, including child nodes, inputs, outputs, macros and other details. This makes commissioning Unison simple and efficient while minimizing data entry and programming errors.

Unison is available in two editions:

- PACOM Unison Standard -targeting small and medium companies or organizations.
- PACOM Unison Enterprise - targeting large or complex organizations that require high workloads and the best accessibility possible.

SYSTEM FEATURES

| | | | |
|--------------------------|-----------------|---|------------|
| Workstations | unlimited* | Time schedules | unlimited* |
| Stored operator events | unlimited* | Card readers | unlimited* |
| Alarm categories | unlimited* | Users | unlimited* |
| Alarm priorities | unlimited* | Searchable data fields per user | unlimited* |
| Alarm nodes | unlimited* | Ability to connect card to photo,signature | Yes |
| Alarm node name | 500 characters | Credentials | unlimited* |
| Alarm nodes description | 1000 characters | Credentials per user | unlimited* |
| Instruction texts | unlimited* | Varying days in the calendar | unlimited* |
| Instruction text | 1000 characters | Time channels | unlimited* |
| Incident text/alarm node | unlimited* | Access groups | unlimited* |
| Pictures | unlimited* | Access groups per user | unlimited* |
| Layers per picture | unlimited* | Individual access right on credential level | Yes |
| Overview images | unlimited* | Stored access incidents/events | unlimited* |

Note: The above summary applies to the Unison system and not to the connected hardware.

* The number of Workstations, users and nodes depends on system architecture, system activity and other environmental factors, limitations may apply due to database or other system constraints. Controller hardware also has limitations to the number of devices and functionality that it can support.

SYSTEM REQUIREMENTS

COMPONENT

COMPATIBILITY

| | |
|---------------------------------|---|
| PACOM Unison Server | Microsoft Windows Server 2016, 2012 R2, 2012, 2008 R2, 2008 Microsoft Windows 10, 8.1, 8, 7 <i>Note: PACOM Unison Server only supports 64bit versions of Windows</i> |
| PACOM Unison Database server | Microsoft SQL Server 2016, 2014, 2012, 2008 R2, and 2008 <i>Note: SQL Server Express has a reduced feature-set and is only recommended for testing or very small installations.</i> <i>Note: PACOM Unison Server supports 64-bit versions of SQL Server</i> |
| PACOM Unison Client Workstation | Microsoft Windows 10, 8.1, 8, and 7 <i>Note: PACOM Unison Client supports only 64-bit versions of Windows</i> |

PACOM UNISON MODULES

| Unison Modules | ALARM | ACCESS | FIRE | VIDEO | INTERCOM | KEYS/ASSETS | ADVANCED** |
|--------------------|--------------|-----------|-----------|-----------|----------------|-------------|------------|
| | Alarm points | Doors | Addresses | Cameras | Intercom units | Keys/Assets | |
| Standard Edition | 1500* | 100* | 2500* | 100* | 50* | 25* | n/a |
| Enterprise Edition | unlimited | unlimited | unlimited | unlimited | unlimited | unlimited | included |

* Maximum amount of supported units

** PACOM Unison Enterprise has support for advanced features, such as Windows Failover Cluster, virtual environments, API integration, server replication and an unlimited amount of connected devices.

ORDERING INFORMATION

PART NUMBER

TYPE CODE

DESCRIPTION

| | | |
|-------------|-----------|---|
| 110 001 001 | USN-STD | Unison Standard. Includes one Unison client workstation. |
| 110 001 002 | USN-ENT | Unison Enterprise. Includes one Unison client workstation. |
| 110 003 001 | USN-CLNT1 | Unison Client Workstation. |
| 110 002 002 | USN-ALM | Unison Alarm Module. Includes support for 50 alarm points. |
| 110 002 003 | USN-ACM | Unison Access Control Module. Includes support for 10 doors. |
| 110 002 004 | USN-FCM | Unison Fire Module. Includes support for 250 fire addresses. |
| 110 002 005 | USN-VCM | Unison Video Module. Includes support for 25 cameras. |
| 110 002 006 | USN-ICM | Unison Intercom Module. Includes support for 25 intercom units. |
| 110 002 008 | USN-KEY | Unison Keys & Assets Module. Includes support for 25 keys/assets. |