

Vicon VAX Access Control 2.9 (Build 35)

General Description

Vicon is releasing a new version of the VAX (Vicon Access Control) version 2.9 (Build 35). This version provides updates and fixes for items reported by customers as well as multiple feature updates.

Installing this version on currently installed VAX will not require any new licensing and will not change the system settings.

Software Versions

VAX software package is built out of several different software, including Microsoft SQL Express 2012 database, packaged in a unified installer.

VAX Software	Description	Former version	Current version
VAX version	This is the full package version which will be referred to in all documentation	2.8.50	2.9.35
Microsoft .NET Framework 4.5	Microsoft software framework that supports building and running next generation of applications and XML Web services	4.5	4.5
Microsoft SQL Express 2012 (x64)	SQL Express 2012 database used to store all VAX data		
Microsoft SQL CLR Types (x64)	Microsoft SQL CLR type for SQL Server 2012 64-bit version	11.0.2100.60	11.0.2100.60
Microsoft SQL Management Objects (x64)	Microsoft SQL Server 2012 Management Objects 64-bit version	11.0.2100.60	11.0.2100.60

When installing, VAX will detect and indicate which necessary software has been installed and which needs to be installed. As updates to the VAX software are being released, an updated VAX installation package will be made available.

Vicon Release Notes

Vicon Production

The new version will be used by Vicon production going forward. Any new product shipping from Vicon will be pre-installed with this version.

This version of the software is published on the Vicon web site and may be downloaded and installed on COTS hardware according to the Vicon specifications.

Field Installation

New Systems

Installing a new VAX Vicon Access Control system either with Vicon hardware or on compatible COTS hardware should be done according to the published specifications and installation guide.

Feature Updates

Supports Integration with Vicon Valerus 1.2

With this version, VAX supports integration with the Vicon Valerus VMS. This requires that the Valerus VMS be running version 1.2.

- Valerus cameras can be associated to doors/elevators – one camera per door/elevator and live video automatically appears in System Overview or Monitoring menu upon a specified event.
- Valerus PTZ camera preset can be selected and associated to a door/elevator.
- Valerus cameras can be selected and viewed (live and playback) one at a time in Camera Viewer menu and in Maps menu.
- Multiple cameras can be selected and viewed simultaneously (live and playback) in Camera Matrix menu.
- Valerus camera playback video can be accessed through User Activity and Door Activity Reports.

Interactive Maps

Interactive Maps are used to create a visual representation of a building or site for monitoring purposes.

- Map images (PNG, GIF, JPG, and BMP file types) can be imported into VAX.
- Multiple Map tabs and Adjacent Maps can be defined to easily navigate between maps.
- VAX components such as Doors, Elevator Floors, Inputs, Outputs, Cameras, and Areas can be placed and monitored on maps.
- View live and playback video of cameras associated to Doors and Elevators.
- Apply Override controls to Doors and Elevators.

Vicon Release Notes

Unmanaged Doors

This allows you to monitor doors that are not controlled by VAX. These doors are added in VAX as “Unmanaged” door type. The doors need to have the input from the door contact connected to an input on an IO-Board (VAX-IO-EXP8PCB). The IO-Board in turn is controlled by the I/O Master Controller panel (VAX-IO-STR). Unmanaged doors are not supported on VAX-1D or VAX-2D Controller panels.

- View door status (open/closed) in System Overview, Monitoring page or Map menu.
- Associate camera to the door.

Report Templates

This allows you to save selected report options in a template, which can be quickly recalled later. This saves you from having to reselect options when running a report.

User Time Tracking Report

This report allows you to determine the total hours per day that an individual was within an area. It supports multiple in and out readers into the same area. The User Time Tracking report can also be used in conjunction with the report template feature to save such templates as “Employee Hours in Building A.”

Interface Usability Improvements

- Improved appearance of exported HTML reports.
- Added support for 39-bit XSF Kantech card format.
- Added attachment support to email actions in Action Plans.
- Improved performance of system overview page.
- Action Triggers now include “Login” trigger condition type.

Fixes

- Action triggers can now execute on panels that are in a different time zone from the VAX server.
- Action Trigger menu: Panel Disconnection time selected in “Time Restrictions” is the correct local time.
- Action Plans menu: Sorting by trigger type no longer causes argument exception error.
- Deleting a Partition that has an Action Trigger no longer causes exception error.
- APB Status menu: Time shown is now the correct local time.
- Doors menu: Sorting by different columns no longer causes errors.
- Monitoring screen: Sound is now played on alert.
- Milestone integration now works correctly.

Vicon Release Notes

Known Issues

Active Directory LDAP synch failure when using special characters

If you have invalid characters (? , # , \$, % , ^ , & , * , @ , ! , < , > , + , = , \ , / , ; , " , ~) in VAX group names and in your Active directory LDAP group names, it will cause a synch failure.

Non-local time shown on Area status notification in Maps

When selecting an area in Maps and you see the status notification on the right side, the Last Activity time shown is the UTC time, not the local time.

Who Should Install the New Package?

If you want to integrate Vicon Valerus 1.2 to VAX, then you must update to this version. Vicon recommends that every system running an earlier version of VAX should be updated to this latest version, however this is not a mandatory update.

Obtaining VAX 2.9 Installation Package

This version is now available on Vicon's website and is offered in two packages:

1. Full installation package including all pre-requisite software.
2. Compact installation packages for upgrades or systems with internet access.

<http://www.vicon-security.com/software-downloads-library/vax-access-control-software/>

Licensing

The VAX server requires a valid VAX license in order to operate correctly. If VAX 2.9 is installed to upgrade an older version of VAX, the license on the system will remain valid. For a new installation, the system allows a grace period to license the system through Vicon sales. Please make sure to license the system as soon as possible to avoid licensing related issues.