

VAX access control technology is the cutting-edge physical security solution to secure, control and audit assets.

ACCESS CONTROL TECHNOLOGY

Combining advanced security technology with simplified access control for seamless integration.



Our powerful VAX Access Control solution, designed for ease-of-use and flexibility, combines intuitive user interface software with versatile hardware, delivering absolute control and real-time views from any web-browser device. It provides centralized monitoring management of access to doors, elevators and other protected spaces located throughout facilities of any size, including multi-site installations.

Why Choose ναχς

Vicon simplifies the Access Control experience with a highly secure, centralized solution that's easy to install, operate, maintain and expand.





Monitoring Menu Notification Layout Option

Horizontal and vertical tile views provide a clear representation of 12-18 reader events at once in multiple view layouts.

Improved Table Update Speed

The speed and reliability of table updates for the VAX over-the-door, elevator, Master multi-door and I/O controllers have shown improved performance in excess of 400% in some circumstances.

Support for Fixed Site Codes

Using a fixed site code for installations where the site codes

VAX's Powerful Action Control Engine

ADD/REMOVE USER FROM ACCESS GROUP

Dedicated action to make configuration easier and improve performance.

SET CUSTOM FIELD

The value of a user's custom field is set directly from an action.

NOTIFY ADMINISTRATOR

Allows the display of a popup to one or more administrators, which can include a camera.

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VAX Access Control System Overview

VAX Access Control components provide a flexible system offering scalability of the hardware components – the system grows according to your security needs.



Order VAX software pre-installed on a Vicon certified server or install it on a standalone PC.



(Available in white)

Choose from a variety of controller options for doors, I/Os and elevators, including the NEW Master Multi-Door Controller for up to 8 doors.



User-friendly navigation allows you to manage and effectively report and act on critical security events.



VAX supports leading card/reader systems, including mobile credentials technology and high-security smartcard readers.



User-friendly, browser-based interface with responsive web design.

Valerus VMS and VAX Access Control Integration

Powerful, Integrated Performance at No Extra Cost



Highlighted Features



Interactive Maps The maps provide real-time status as well as live and historical video with 1 click.



Modern, Flexible HTML5 Interface Accessible from any mobile device.



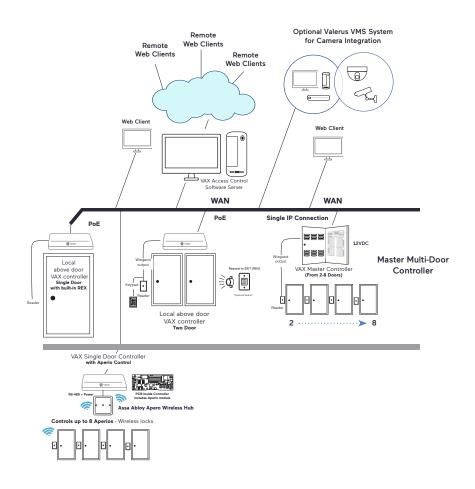
VAX/HID EasyLobby® Visitor Management

Quickly create access credentials for daily or recurring visitors and log visitor information.



High-Security Smartcard Readers Optimized for MIFARE DESFire EV1 and EV2. Complying with the Wiegland communication protocol with enhanced smartcard encryption.

Connection Diagram



Vicon's integrated product strategy means having innovative products at every layer of the security solutions stack-and within each layer-engineering them to work together seamlessly. With Vicon's high-performance security products that stand alone or work together, you can get the best fit for an organization.

Features and Functions

SOFTWARE

HARDWARE

Desktop or rackmount.

MIFARE readers

action

YES

YES

YES

YES

simplifies installation

with software pre-installed YES - Wiegand card formats; HID. Integrates with Assa Abloy Wireless

lockset, HID Easy Lobby Management, Card Presso badging software and

Multi-door, single door, I/O and

elevator options; "over the door"

eliminates home-run cabling and

YES - built-in PIR motion sensor

YES; allows swiping a card three times

and buzzes after five incorrect entries

YES - no port forwarding required

on a reader to invoke a customized

Blocks entry for 30 seconds

Fully configurable

Fully configurable

YES; also 12 VDC models

Software client	Browser-based HTML5 interface with responsive design automatically resizes and adjusts viewing area based on viewing device	Server Options
Multi-site support	YES; control remotely from one server; manage unlimited sites across multiple time zones	Supports 3rd party badging/hardware
Partitioning	Unlimited; separate customers and sites into separately managed entities	
Licensing	One and five-year plans	Controller hardware
Doors, floors, panels and door time zones	Unlimited	
Flexible holiday scheduling	YES	Request to exit
Cardholders (users), access privilege groups and system administrators	Unlimited; separate simple and advanced edit modes for different administrative levels	Triple swipe feature
Detailed activity reporting	YES; for user and door activity, anti-passback, inputs/outputs, etc.	PIN blocking
Seamless VMS integration	Valerus, ViconNet, Milestone, Exacq, Digital Watchdog	Controller-to-server configuration
Crisis lockdown	16 user-defined levels; color coded	Input port
Multiple cards or PINs per user	YES	Output port
Import cardholder lists from	YES - CSV file	Remote firmware upgradable
other access control databases		Controller built-in diagnostics
Encryption	Advanced 256 bit AES	PoE, including door hardware
Data storage	SQL database	UL and ETL listed
Action Control Engine (ACE)	YES; create customized actions (e.g., door overrides, door time zone changes, alarm notification, emails, etc.)	Bluetooth Reader
Monitoring menu and custom notifications and layout options	YES	
Fixed site codes	YES	
Monitor unmanaged doors	YES	
Data Migrator	YES; to easily export/import data between partition and systems	
Mobile App	YES	
Multi Language Support	Currently Spanish and French	
Active Directory	YES; integration with an existing Active Directory allows those users access to VAX according to their security group	

VAX according to their security group

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