Protecting Your Network
Vicon's Customized Security Solution for Your Data Center

When you're in charge of securing a data center, you know better than anyone how important it is to incorporate video, access control, and perimeter security to protect the heart of your network. For over 55 years, Vicon has been custom-designing solutions for mission-critical applications like yours—from perimeter to core. There are a lot of manufacturers out there—here's what separates Vicon from the pack.

Our Core Tenets

Single-Source Supplier
You can source the complete end-to-end security solution from us. Video management, access control, servers, cameras, LPR technology, perimeter security, AI-based analytics—it's all available from Vicon. It makes purchasing simpler, and when it comes to support, there's no finger pointing and passing the buck that you might see when you're managing multiple vendors.

Lower Total Cost of Ownership
Did you know that after 5-10 years, your security system's total cost of ownership could conceivably be ~50% lower from one manufacturer to another? We've taken into consideration factors like licensing fees, mandatory/annual upgrades, tech support fees, factory warranty terms and the potential trappings of subscription-based offerings—all to help you reduce your system costs over time.

Free 24/7 US-Based Tech Support
Vicon's team is renowned for its expertise, live interaction, and the fastest resolution time in the industry. We also employ a highly skilled team of Sales Engineers that's always available to assist you, free of charge. And we offer a 5-year warranty...we have confidence in our product, so you can too.

Open Platform
We are an open platform and will work with your existing cameras, readers, and most other technologies in the industry. We understand this isn't a "rip and replace everything at once" solution. We'll reduce your costs in terms of annual fees, while still integrating with your existing hardware (and other technologies) to create the perfect solution.

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The Vicon Differentiators
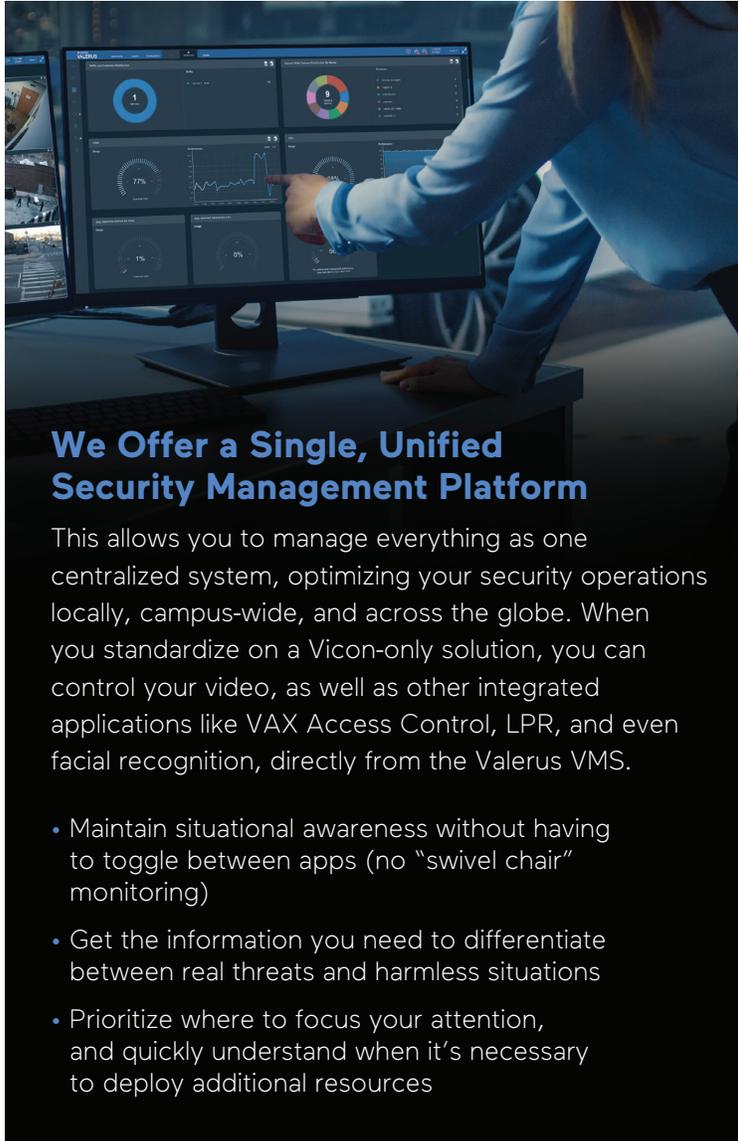
We Offer a Single, Unified Security Management Platform

This allows you to manage everything as one centralized system, optimizing your security operations locally, campus-wide, and across the globe. When you standardize on a Vicon-only solution, you can control your video, as well as other integrated applications like VAX Access Control, LPR, and even facial recognition, directly from the Valerus VMS.

- Maintain situational awareness without having to toggle between apps (no "swivel chair" monitoring)

- Get the information you need to differentiate between real threats and harmless situations

- Prioritize where to focus your attention, and quickly understand when it's necessary to deploy additional resources

Our Perimeter Protection Is Trusted on the U.S. Border

Vicon's 360° situational awareness begins with the powerful thermal sensor that continuously scans for potential threats. When a threat is detected, the PTZ is automatically engaged for immediate visual verification and powerful forensic intel.

- Detection and tracking of intruders from up to 1640 feet in 360° panoramic view

- One thermal camera can replace up to eight fixed cameras

- Get geospatial tracking on localized maps of your facility

- When a threat is detected, you'll receive an alert, along with GPS coordinates and location on the map

Go Ahead and Run All Your Cameras at 4K

Our servers are highly customizable, with powerful processing, allowing you to run all of your cameras at the highest frame rate and resolution. We offer servers that can record 250 cameras on one device with over 500TB of storage, and up to 1600TB.

Our Integration with AWS Cloud Storage Keeps Your Video Safe and Accessible

Archive your video, audio, and data to your AWS cloud drive, where it can be safely stored and seamlessly accessed, with longer retention times. This also allows you to be compliant with video retention regulations.

- Your video is archived directly to the cloud; some manufacturers archive to a local network, NAS device, etc., where the video is put in a queue

- When it's time to retrieve video, Valerus will find that video automatically; you don't have to know whether it's stored locally or in the cloud

- Determine how, when, and where to store your video; for example, store on your local recorder for a week, then have Valerus automatically move that archived video to the cloud for five years

aws

AI

ANALYTICS INSIDE

▷ Click to see how AI filters eliminate non-relevant video so you can find what you need faster and easier.

Powerful AI-Based Object Classification, Tracking, Recording, and Forensic Searching

Vicon's AI-based analytics intelligently identify people and vehicles to help you perform more meaningful searches in Valerus and diminish those nuisance alarms triggered by irrelevant motion.

- Filter out non-relevant video in post-incident searches so you can find the info you need faster and easier

- Be instantaneously notified about events that are important to you, like people or vehicles in a restricted area

- Our analytics reside on the camera, which allows you to be more efficient with your server resources, ultimately saving you money

- Connect your camera to Valerus, and you're ready to go; no setup required on the camera to send/receive metadata, or perform object-based recording and museum search

Our Biggest LPR Differentiator

Vicon's LPR camera does the job of two separate cameras: an LPR camera and a 4K surveillance camera. Traditionally, LPR cameras are great at capturing sharp details of a license plate, but because they require more "pixels on the plate," they must zoom in much tighter on the plate. This means you can't see some other important details, like make, model, color, vehicle damage, parking decals, etc.

- 4K resolution for indisputable identification, including the entire vehicle and the scene around it (not just plate details)
- See colors and fine details—even at night—with our Starlight low-light technology; traditional LPR cameras switch to B&W at night
- Recognizes plates from over 70 countries
- Accommodates specific plates you want to be alerted to upon entry, e.g., a terminated employee

Behold the Power of VAX Access Control

Get tight regulation over who enters your buildings, mitigate security breaches, apply strict restrictions to your data center, and instantaneously lock down your entire facility with a single click.

- Above-the-door PoE controllers incorporate motion-sensing "request-to-exit," eliminating the need for external buttons or sensors; they supply power for the panels, readers, door strikes, etc.—no need for an external power supply
- Implement "dual credential" access in sensitive areas; this requires two approved employees to swipe in order to grant access, and can also incorporate facial recognition as an additional security measure
- Run muster reports, e.g., in the event of a fire evacuation, you'll know where every employee is, complete with their location on the map of your facility
- Automated actions can be triggered in response to any event that's important to you, from sending an email of all employees who haven't entered the building by 9AM, to instantaneously locking down your entire facility