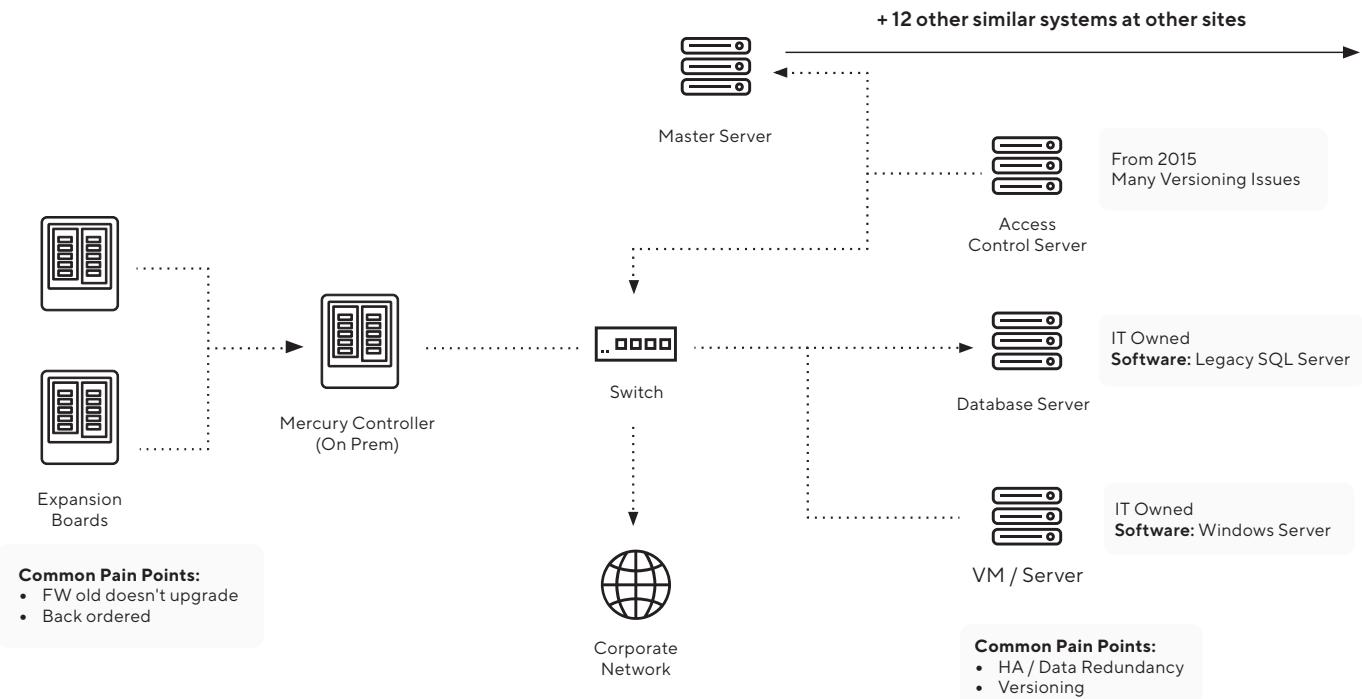


Verkada's Software-First Approach to Access Control

Traditional Access Control on-premise infrastructure



Unlike Verkada, traditional access control systems require an array of costly, difficult-to-maintain on-premise systems, servers and databases. This infrastructure presents a number of challenges:

Significant IT overhead requirements

- Mercury hardware, access servers and SQL servers require constant firmware updates, security patches and ongoing maintenance
- Update incompatibility, database migrations and versioning issues cause costly downtime
- Costly infrastructure needed to ensure high availability & backup for all on-prem systems

Scalability

- Scaling on-prem systems to new locations requires VPN or cloud link integrations to unify information on a web-based portal
- No native integrations with video, alarms / monitoring and other systems, siloing important physical security data
- Legacy systems lack intuitive, automated SMS / email alerting and notification capabilities

Security vulnerabilities

- Security patches need to be deployed locally system by system
- Higher risks of failure points with centralized physical security
- IT and physical infrastructure on complex on-prem systems
- Firmware updates and software updates cause frequent compatibility issues and security vulnerabilities

High total cost of ownership

- Complex systems have high upfront costs and ongoing maintenance costs
- Costly and unpredictable ongoing costs to manage breakdowns and repairs
- High amount of lost time spent on searching through access event logs, getting access and exporting information for investigations
- Scaling systems to more doors or users requires additional on-prem infrastructure and new costs



Verkada's cloud-based Access Control



Hardware reconsidered

Redesigned, simplified access control hardware for easy installation and minimized on-prem footprint

Easy to scale

No servers, databases, or thin clients to manage — do everything from a cloud-based platform

Centralized management

Modern platform enables secure access on any device from anywhere in the world

The Reliability of On-Device Storage, With the Scalability of the Cloud

Verkada transforms physical access control by simplifying access hardware and utilizing a hybrid-cloud architecture. With Verkada's simplified, reliable access hardware and intuitive software, organizations can achieve greater speed and scale with their access control system footprint.

Simplified hardware

- All-in-one hardware units replace complex configurations and disparate on-prem systems
- Thoughtful design streamlines installation, testing and maintenance
- Native cloud-based system moves access control workloads to the cloud behind an intuitive software system

Intuitive tools for enhanced security

- Incident search times reduced to seconds with simplified search capabilities for all access events
- Enhanced incident response and threat detection with automated alerts and SMS / email notifications
- Native camera integration allows for automated security monitoring with AI and ML applications to detect tailgating, crowds and more

Unified access control

- Cloud-based management platform unifies access control systems and users across sites, geographies, and users
- Intuitive Command platform and role based access control allows any user to manage the system - not just IT experts
- Native camera integration provides important context and search capabilities for all door events, device, and system operations, internal foot traffic and more

Speed and scale

- Unified cloud-based system allows for easy scalability and centralized management
- Edge-based access control provides the scale of the cloud with the speed and security of on-device systems
- Secure encryption technology ensures that on-device data is secure and accessible only from the Verkada cloud