

SHOULD YOUR ACCESS CONTROL SOLUTION BE CLOUD-BASED OR STAY ON-PREM?

we help you make better-informed security decisions

OVERVIEW

There is a growing trend toward migrating solutions to the cloud. Security is one of those where we see this conversation coming up more often. We continue to explore the pros and cons of On-Prem security features versus those that are cloud-based by looking into access control solutions.

Some ACaaS systems offer a hybrid solution where a local or Windows client is required for configuration and/or complete system functionality. This can blur some of the benefits between the ACaaS vs On-Prem system. This is crucial to consider if the goal is to move to a truly cloud-based platform.

In order to determine what solution is right for you, we've compiled this overview with a set of definable and non-biased pros and cons.

Whether you are considering a traditional On-Prem or cloud-based access control solution, ivelah can help you determine which option is going to meet the long and short-term goals unique to your business and environment.

COMMITMENT TO EXCELLENCE

At ivelah we take the time to understand your overall business initiatives. This allows us to design & deploy traditional access control & video surveillance technologies in both traditional and non-traditional ways, aligning our solutions directly to your goals.

By delivering consistent, exceptional solutions our goal is to be your go-to trusted security partner at all of your facilities – current and future. **How can we help you?**



Contact ivelah, the security expert committed to understanding your business.

(800) 216-0805

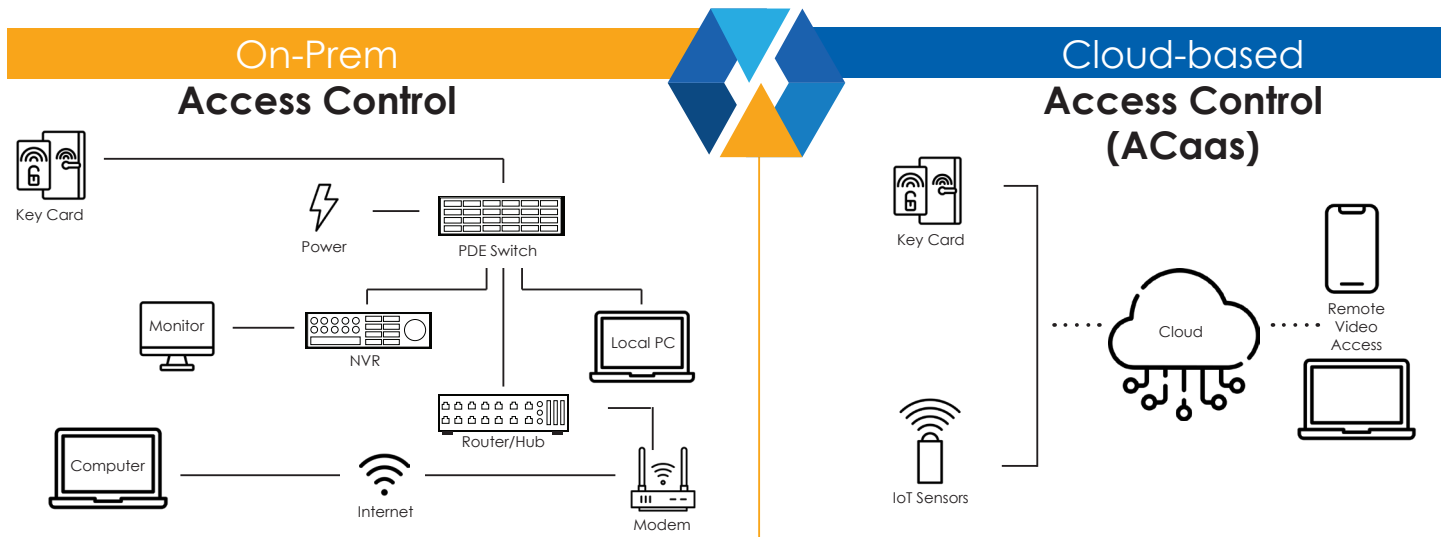
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ON PREM VS ACAAS

When choosing an access control system, businesses are usually given two options: an On-Prem system, or a cloud-based system. Traditional providers have typically only offered an On-Prem option. However, with the increasing popularity of Software as a Service (SaaS), some are considering Access Control as a Service (ACaaS). While many access control providers offer similar features, there are some key differences between cloud-based and on-prem access control systems. Which access control system is

right for your business will depend on your unique needs and preferences.

Traditional access control solutions typically have servers, applications and software deployed on-site, whereas ACaaS is hosted remotely. Some providers of "On-Prem" platforms are already working on a path to migrate their systems to an ACaaS solution, so **for the most up-to-date information, please contact our team.**



PROS OF ON-PREM ACCESS CONTROL

- (+) For organizations with strict security requirements On-Prem is preferred solution
- (+) Software offers sophisticated configuration & thick client applications with advanced features
- (+) On-Prem solutions will use less of your WAN resources
- (+) The solution is not internet dependent
- (+) More flexibility to customize system with preferred hardware & components
- (+) Organizations with on site servers maintain more control
- (+) Less data leaves the company
- (+) More advanced configurations are possible
- (+) Comprehensive integration is more readily available
- (+) In an internet or service outage, local network & backup power ensure continued functionality
- (+) A deeper level of application options, and layouts are possible with dynamic maps, and event management
- (+) More established analytics & features are possible



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CONS OF ON-PREM ACCESS CONTROL

- (-) A larger capital investment is required upfront.
- (-) There is a potential that hackers are already well-acquainted with old technology used in some legacy systems
- (-) Each server & client workstation will need updating every time there is a patch or software upgrade
- (-) Licensing can be cumbersome to navigate for multiple sites, users, functions, & credentialing scenarios
- (-) Servers require a dedicated & temperature controlled physical space
- (-) As systems get larger, then network vulnerability can increase
- (-) Configurations, including setting permissions and issuing or revoking credentials, require a connection to the local network
- (-) Legacy On-Prem systems require software development expertise to integrate with IoT devices and applications, as many don't run on truly open platforms. This can require expensive upgrades, & more frequent replacements.

TYPES OF ACCESS CONTROL DEVICES



PROS OF AN ACAAS SOLUTION

- (+) System/software upgrades are automatically installed by the service provider, ensuring the system and applications are always up-to-date
- (+) Less up-front investment is required
- (+) It is an excellent tool for successfully scaling business operations.
- (+) No server setup is required
- (+) Generally easier & less expensive to maintain, a cloud-based solution offers back end management handled by the vendor that hosts the server
- (+) Running cloud-based access control software offers greater flexibility with web-based management platforms & open API architecture
- (+) Cloud-based systems are a great space-saving option for organizations
- (+) Solutions that are cloud-based offer the ability to make changes anywhere with a standard internet connection. VPN and LAN connections are not required
- (+) All locations are configured and managed from a cloud-accessed dashboard
- (+) With web-based architecture there is no need to install and update client software
- (+) Firmware & software vulnerabilities can be addressed much quicker & remotely by the ACaaS vendor, without any action required from a user
- (+) Global management is possible & streamlined with an ACaaS solution

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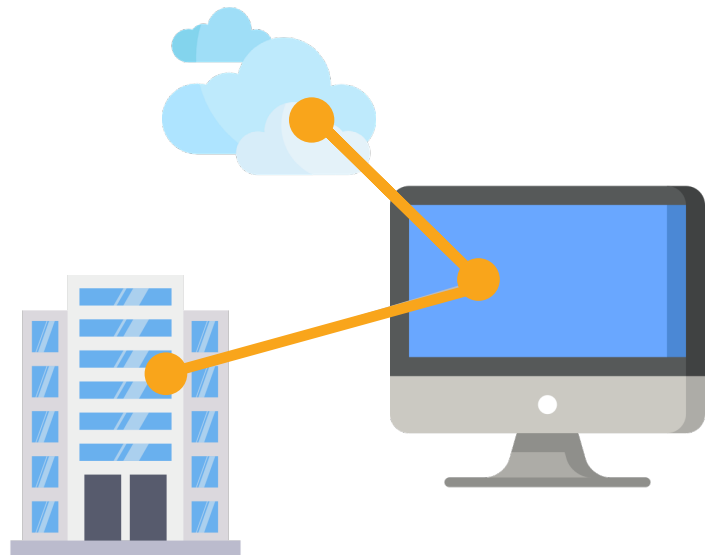
CONS OF AN ACAAS SOLUTION

- (-) Limited options for specific compliance/high-level security requirements
- (-) Overall system security is completely dependent on the manufacturer
- (-) SaaS model costs fluctuate depend on usage, users & features enabled
- (-) Limited configuration capabilities
- (-) Long-term commitment requirements on proprietary hard/software
- (-) Limited 3rd party security & business application integration options
- (-) Organizations to develop/require best practices for remote access
- (-) Access to building & management portal internet dependent
- (-) Narrower user interfaces versus On-Prem
- (-) Minimal options for advanced user features without additional purchases



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This can blur some of the benefits between the ACaaS vs On-Prem system. This is crucial to consider if the goal is to move to a truly cloud-based platform.



If your business environment functions best via traditional On-Prem, a cloud-based solution, or a combination of both, ivelah is here to help you explore which option can meet your long and short-term targets.

Our goal is to ensure your needs, objectives, and challenges are all accounted for regardless of solution type. Contact us today to speak with one of our consultants or [click here](#) to complete a needs assessment.

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ivelah provides security solutions
**WITH THE SPEED CONVENIENCE &
TRUST IMPORTANT TO YOUR PROJECT**

The security industry specialists at ivelah are well-versed in assessing clients' precise needs and delivering, and servicing access control & video surveillance solutions that are smart, dependable, and scalable.

Reducing your risks and developing a security strategy that improves workflow and production puts your business needs at the heart of every design and decision we present.



SCHEDULE A DISCOVERY CALL WITH OUR TEAM 

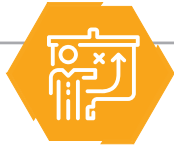
ivelah IS COMMITTED TO DOING WHAT'S RIGHT FOR **YOU**



the right **choice**

Make better-informed security decisions on what equipment to use in your security designs & technologies.

- Access Control
- Video Surveillance
- Perimeter Security
- Critical Integrations



the right **process**

Ensure your deployment & ongoing system management is running efficiently & in a cost-effective manor.

- Technology Choice
- Deployment Practices
- Reduce Cost of Ownership
- Scalable Solutions



the right **connects**

Maximize the benefits your security system offers while connecting seamlessly to other business critical systems.

- Human Resources
- Finance
- Compliance
- Information Technology



the right **support**

Finally a support solution customized around you, your business needs, & budget.

- Comprehensive Service Plans
- Synchronized Warranties
- System Longevity Planning
- Managed Services

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