Secure Workplace, Simplify Management

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GUIDE FOR HAAS: NEW CHOICE OF SMB SECURITY SYSTEM

CATALOGUE

PART 1

How has the product form in the security industry evolved?

PART 2

Why are there more and more types of security products?

PART 3

How should SMBs choose a security system that suits them?

- Where should they start?
- Is there a better solution for those 100+ people office?

PART 4

Meet Anviz One

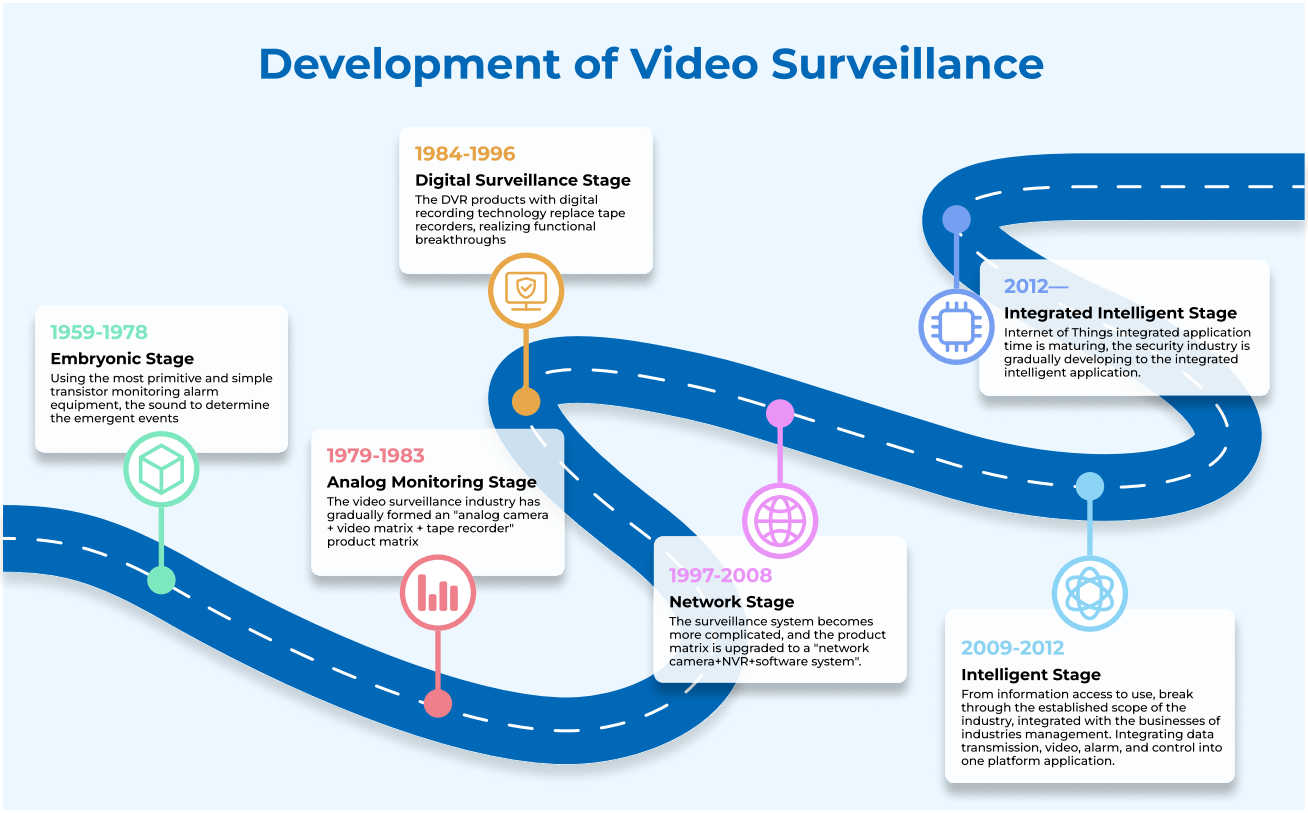
- Anviz One = Edge Server + Multiple Devices + Remote Access
- Features of Anviz One

PART 5

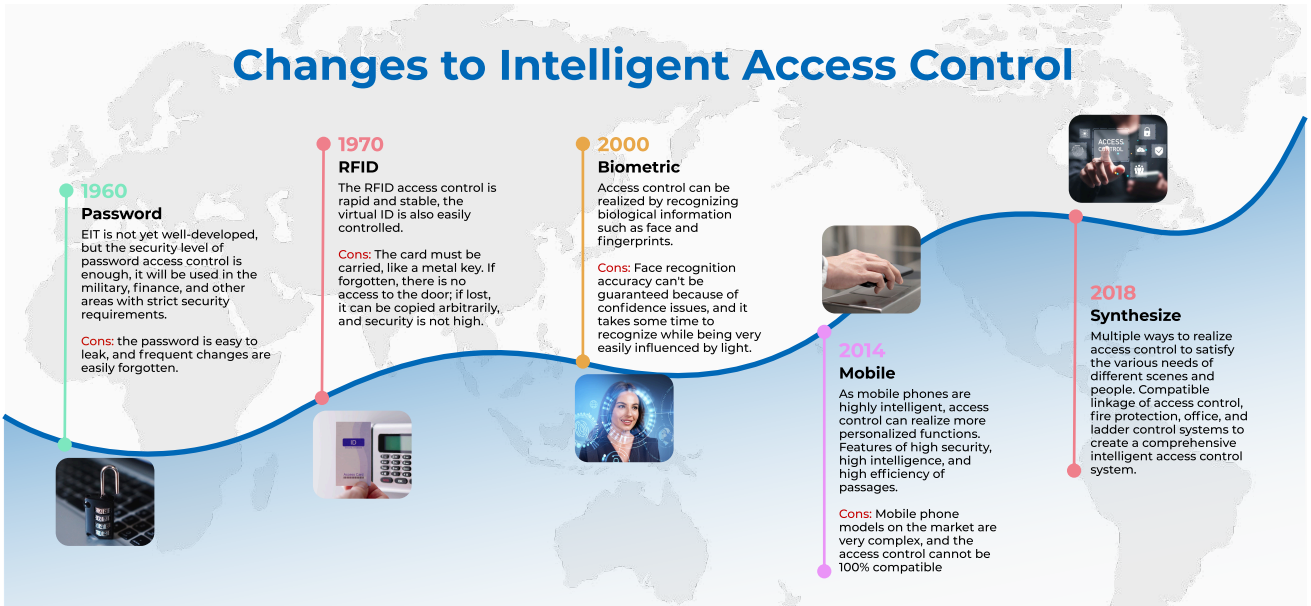
About Anviz

How has the product form in the security industry evolved?

Surveillance technology of high-definition, network, digital, and other directions quickly developed, while access control technology continues to upgrade and integrate, to meet the market demand for high intelligence, high efficiency, and multi-functionality. Monitoring systems, alarm systems, and access control systems have emerged.



After half a century of development, the security industry is mainly centered around video and access control for constant upgrading. From the beginning can only be passive monitoring to active identification.



Market demand created a wide range of video and access control hardware, more products also mean more choices, but to a certain extent increased the learning threshold of SMEs. Unsure of how to describe their needs, how to choose, and which hardware devices are most suitable for their security needs, is the challenge faced by SMEs at this stage. To make the enterprise a better application, security systems for the use of scenarios appeared in the industry to solve the problem of hardware selection.

Why are there more and more types of security products?

Different industries and sectors need different security systems. CSO has a partial list of the dimensions to consider:

For instance, chemical plants require hardware that can operate in extremely hostile environments; commercial centers necessitate remote management of storefront conditions and maintaining traffic counts. In other circumstances, an organization might necessitate a multi-layered network across multiple campuses and technologies.

One problem to solve is bound to reveal another problem, and facing the emergence of various types of security systems on the market, SMEs are required to recognize these security systems by seeing through the phenomenon to make choices that are better tailored to their business.

How should SMBs choose a security system that suits them?

Where should they start?

STEP 1: Understand security systems available on the market
On-premise or Cloud-based? Any other option ?

Businesses face two choices for a security system: on-premise or deploying cloud-based solutions. On-premise refers to deploying and managing IT hardware on an enterprise's physical site, which needs to include data centers, servers, network hardware, storage devices, etc. All data is stored in enterprise-owned hardware. Cloud-based systems rely on remote servers maintained by expert providers to perform basic functions such as remote processing and data storage in the cloud.

Whether on-premise or cloud-based, security professionals must examine upfront and ongoing costs. These could cover hardware, software, maintenance, power consumption, dedicated floor space, and staffing for on-premise solutions. Planning efforts must multiply these costs by the number of business locations. (Each location needs a local server with licensed software and staff to support it.)

On-premise deployments require a significant upfront investment, as it also requires IT professionals to run and maintain. On-premises systems do not enable remote network access. Authorized personnel can only access data when they are present on-site. Cloud-based systems offer flexibility in cost and access. Save on upfront costs and day-to-day staffing management. This model also lowers maintenance costs. Authorized staff can be centrally located and can access the system remotely.

On-Premise VS Cloud-Base

PROS

- The system can be fully tailored to meet specific requirements
- Enterprise can have full control over all hardware, software and data
- All data is stored on business-owned hardware, offering increased data security and privacy protection.
- This level of system control is required by a number of specialized agencies

On-Premise

CONS

- Remote access or management of the server is not available, and access changes must be made on-site
- Constant manual data backups and firmware updates are required
- Multiple sites require multiple servers
- Site licenses can be expensive

PROS

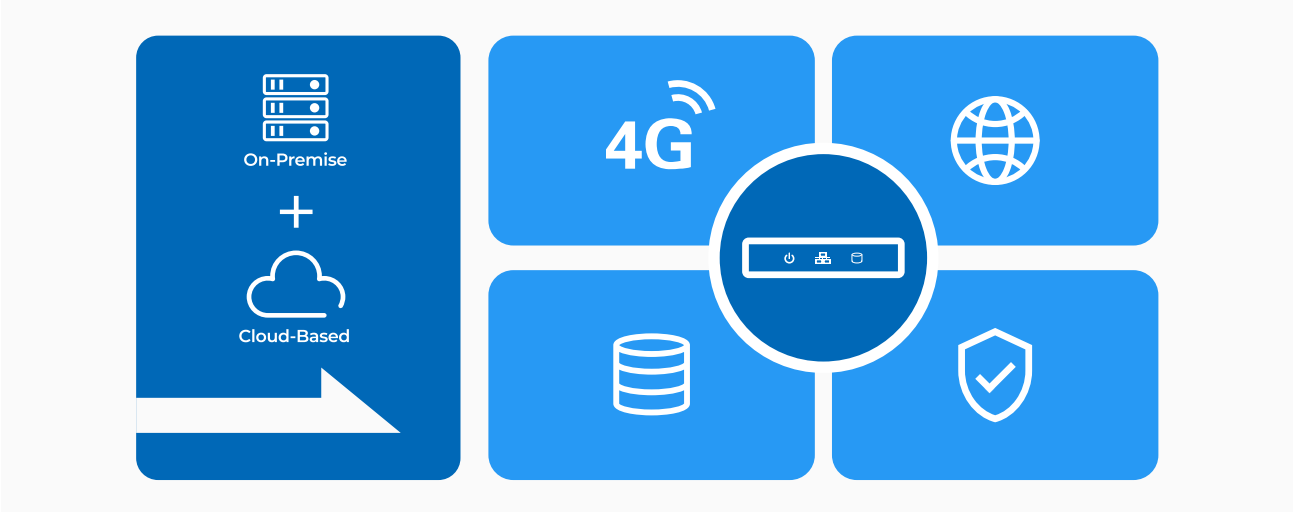
- Modules and users can be added or removed at any time
- Automatic updating of data, software and backups
- Connect and control on any device, anytime, anywhere
- Reduce upfront costs

Cloud-Based

CONS

- Restrictions on what customers can do with their deployments
- Moving services from one provider to another may be difficult
- Highly dependent on the network
- Security and privacy of core data is not guaranteed

In spite of the two traditional systems, there is a new program to solve the drawbacks of both traditional systems attached, while compatible with the advantages of the former. This new system service is named HaaS (Hardware as a Service). It simplifies the hardware equipment, reduces the installation and maintenance costs of enterprises, and cuts off the reliance on the cloud. Using local storage ensures the data security of the enterprise, and it is also easy to integrate software and systems that are tailored to the demands of the business.



STEP 2: Figure out your special demands & scenario

What application settings are On-premise security systems particularly suited for?

First, On-premise security systems are top choices for industries such as financial institutions, healthcare organizations, and government departments involving large amounts of sensitive information and regulatory compliance. Data security and privacy protection are in higher demand in these businesses. It needs to ensure data is well managed and protected within the enterprise.

Next, for some large enterprises with huge data volume and comprehensive business, On-premise security systems can better satisfy their managing and operating needs, while ensuring the efficient and stable running of the secure system.

Cloud-based solutions applicable conditions: First, primarily for traditional enterprises without R&D and maintenance abilities, and enterprises with multi-location organizational structures that require cooperation off-site can fully use cloud services to realize it.

Then, enterprises that typically do not have high data privacy needs, simple business verticals, and little employee complexity can use cloud-based systems for business-focused management and data analysis.

Is there a better solution for those SMBs?

Most SMBs with independent offices and low workforce complexity don't need overly huge local deployments. Meanwhile not wanting to rely on the cloud to take care of cross-regional enterprise data security and management, then at this time for them to tailor the security system is HaaS.

See The Comparison of Costs in Each Session

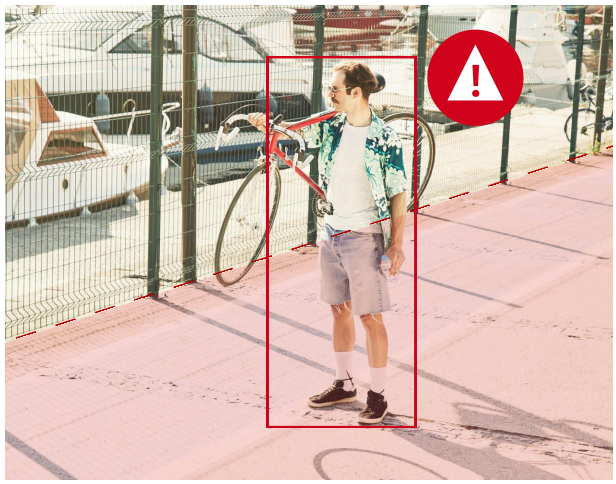
	Anviz One	Cloud Based	On-Prem Platform
One Door Access	*< $1000*	$1500	$1500
One Channel Camera	*< $ 1000*	$1999	$1999
Access License	*Free*	**$999 /Year**	**$600 /year**
Video License	*Free*	$200 /Year	$100+ /channel
Hardware	*$5000*	\	**$10000+**
Maintenance of Access Control	NO	NO	IT Staff Cost

Meet Anviz One

HaaS is defined differently from person to person. Anviz currently views the benefits of HaaS as rapid deployment, cost savings, and reduced technical barriers, which lead to more accurate detection and faster response times. A one-stop solution, it facilitates swift deployment, saves costs, and lowers technical barriers, leading to more accurate detection and faster response times.

Anviz One = Edge Server + Multiple Devices + Remote Access

By integrating AI, cloud, and IoT, Anviz One provides a smarter, more responsive system capable of analyzing patterns, predicting breaches, and automating responses.

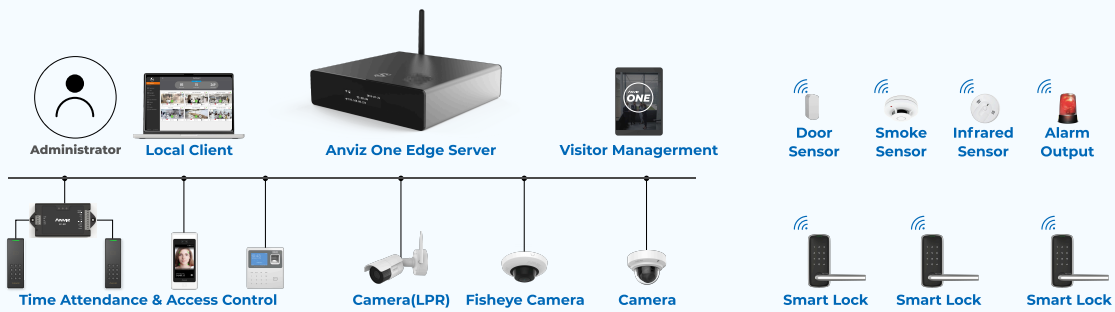


Anviz One's inbuilt advanced analysis moves beyond basic motion detection, enabling the differentiation between suspicious behavior and innocuous activity. For instance, AI can distinguish between someone loitering with potential ill intent and an individual simply resting outside a facility. Such discernment drastically reduces false alarms and directs focus toward real threats, significantly enhancing security precision for businesses.

With Anviz One, deploying a complete security system has never been easier. By integrating edge computing and cloud, Anviz provides effortless integration, instant connectivity via PoE, and compatibility that cuts costs and complexity. Its edge server architecture maximizes compatibility with existing systems, further reducing the steps and costs for system maintenance.

One Edge Server For All

No Need For Expensive IT Equipment Investment And Long-Term Maintenance By Professionals



Features of Anviz One：

Enhanced Security: Utilizes advanced AI cameras and analytics to detect and alert on unauthorized access or unusual activities.

Lower Upfront Investment: Anviz One is designed to be cost effective, reducing the initial financial burden on SMBs.

Cost Effective and Low IT Complexity: Features industry leading products, technical support, and maintenance services. Can be quickly deployed with lower costs and technical barriers.

Stronger Analysis: System equipped with AI cameras and intelligent analysis that provide more accurate detection and quicker response.

Simplified Management: With its cloud infrastructure and Edge AI server, it simplifies management of security systems from anywhere.

Flexible Access: Modern and more secure credentials and identity management, with the flexibility to restrict or adjust user access for efficiency and emergency management.

About Anviz

Over the past 17 years, Anviz Global has been a converged intelligent security solution provider for SMBs and enterprise organizations worldwide. The company provides comprehensive biometrics, video surveillance, and security management solutions based on the Internet of Things (IoT), and AI technologies.

Anviz's diverse customer base spans industries such as commercial, education, manufacturing, and retail. Its extensive partner network supports more than 200,000 companies to smarter, safer, and more secure operations and buildings.

Learn more about Anviz One https://www.anviz.com/anviz-one.html

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