



# UNV Guard Introduction

# Training Purposes



What is the UNV Guard?



What kind of project requirements can the UNV Guard meet?



What is the capability of the UNV Guard?



What are the highlights of UNV Guard?

# Basic Introduction of UNV Guard



**Windows based  
software product**

**UNV Guard is a VMS product**, based on **Windows operating system and software license**. Users can buy different license according to actual requirements. It not only supports video surveillance, but also integrates video intercom, access control, time & attendance and 3<sup>rd</sup> party products, such as 3<sup>rd</sup> alarm system and access control.

It has B/S configuration client, C/S control client and mobile APP (iOS, Android), supporting different users and different clients.

# Application Scenarios

## Park Building Chain



Community



Nursing Home



Tourist Attraction



Warehouse



Hospital



School

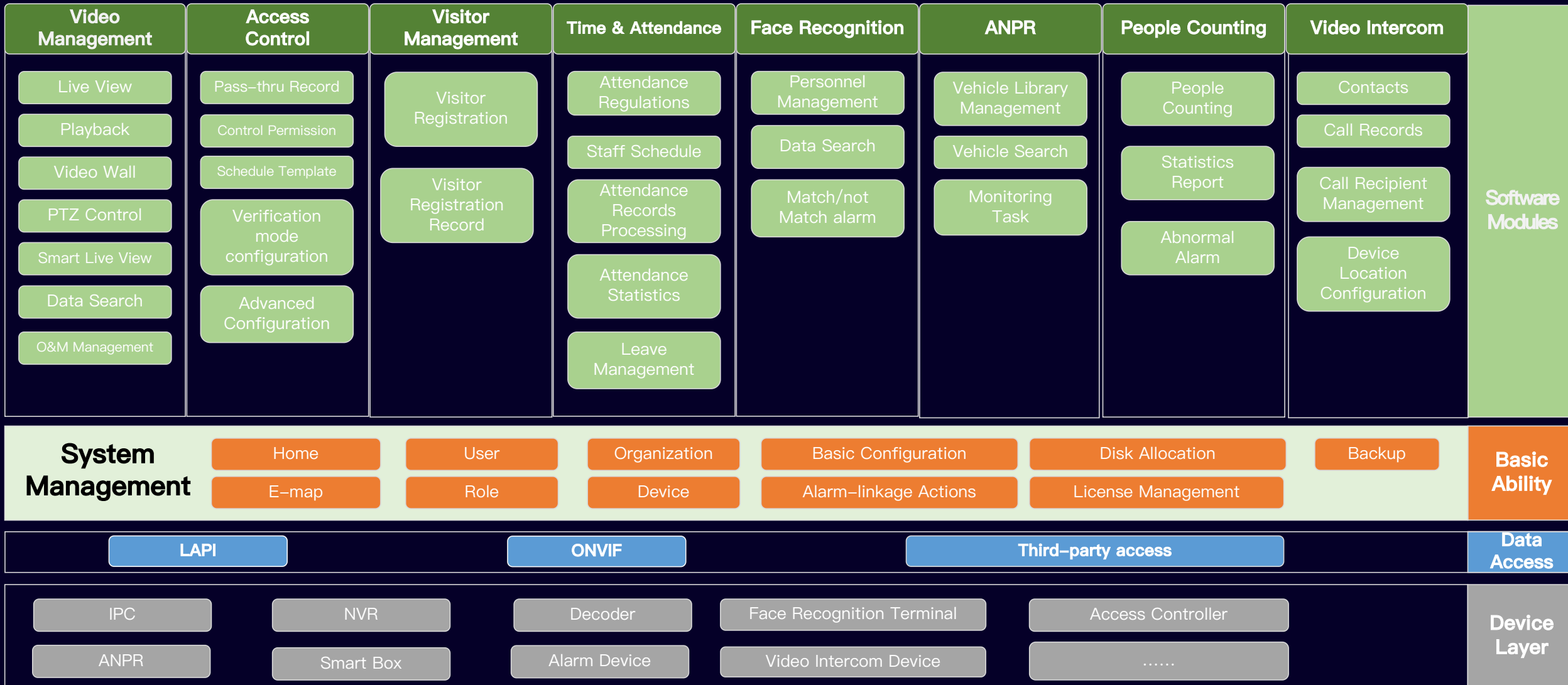


Supermarket Chain



Building

# Key Business Functions

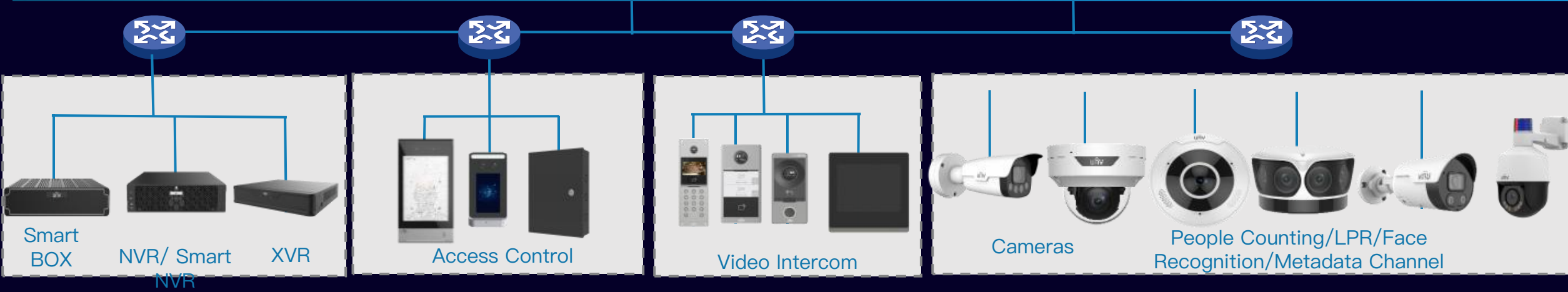


# Local Area Network (LAN)

local area network

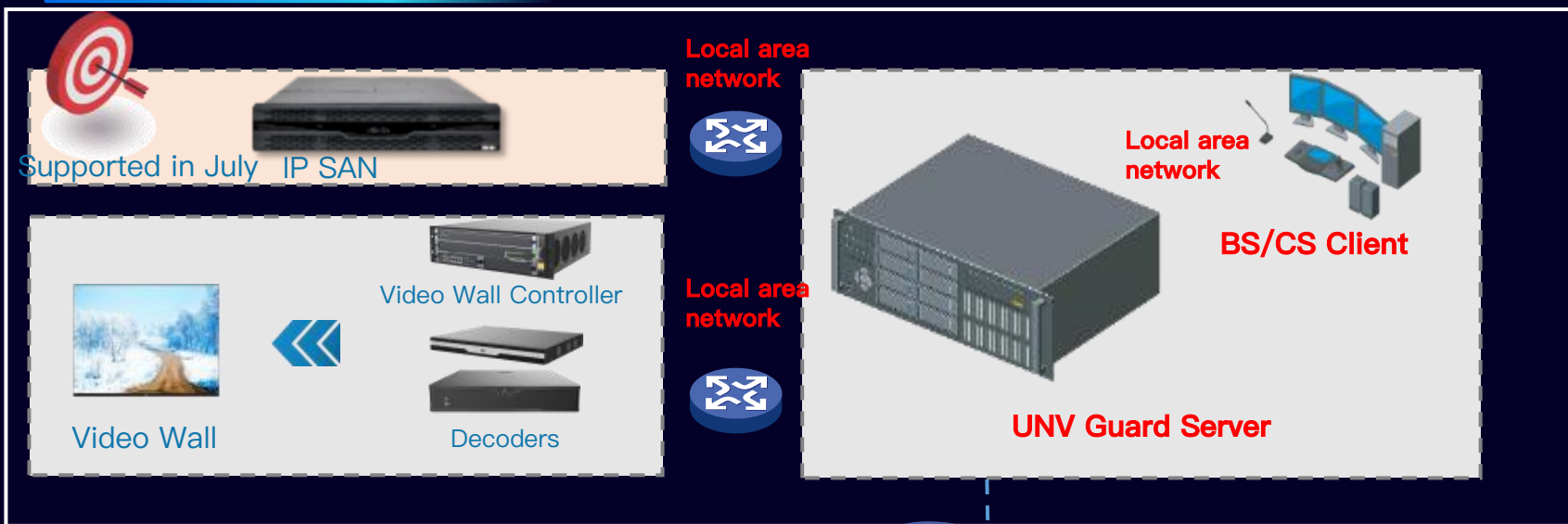


LAN Local area network



Notes: UNV Guard client and server can be deployed on a same server

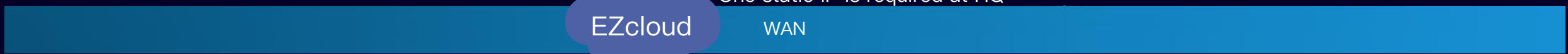
# Wide area network (WAN)



EZcloud

**Mobile Client**  
**Coming Soon**

One static IP is required at HQ



**Smart BOX**   **NVR/ Smart NVR**   **XVR**

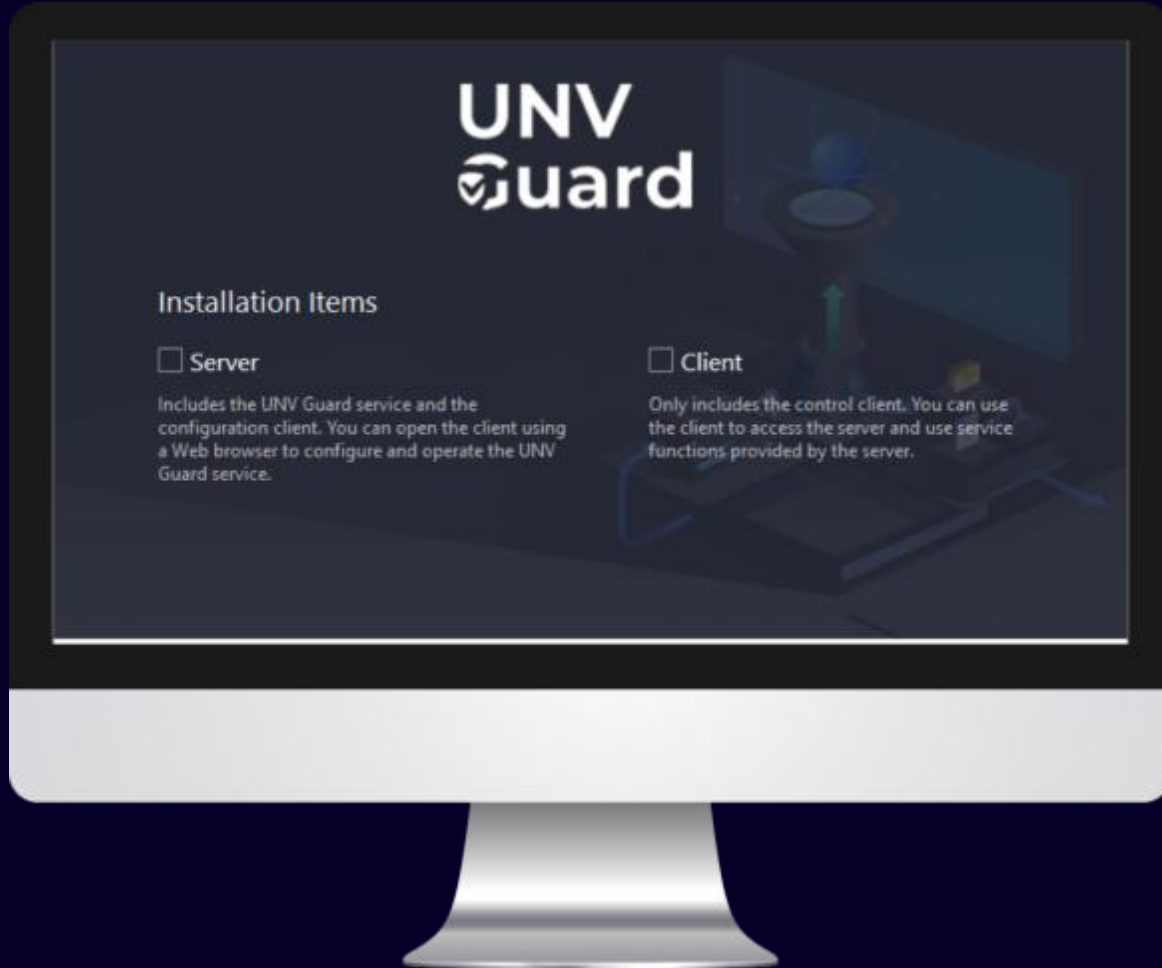
**Access Control**

**Video Intercom**

**Cameras**



## Easy To Install



## One package installation

windows system, one installation package, you can choose to install the server or client

## Simple Configuration

Guided installation, easy installation steps, a few minutes to complete the installation

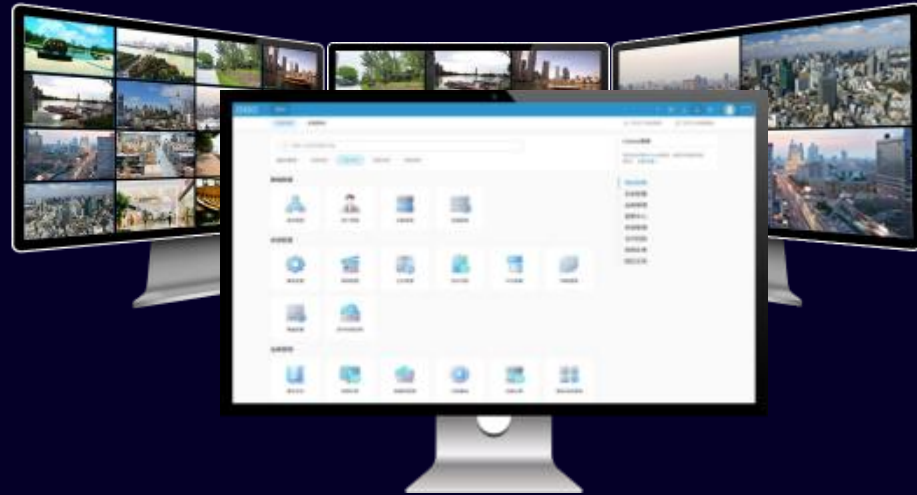
## Simple And Intuitive

The service status is visible, and the client can log in quickly





# Multi-client management



## C/S client

Support video liveview/playback, access control management, event and alarm, visitor registration and record query, electronic map application.



## B/S client

Interface customization, user rights management, alarm configuration, basic configuration including operation and maintenance management, resource management.



## Coming Soon Mobile client

Mobile App, real-time liveview, playback, events and alarm. Anytime and anywhere!



# Modular Extendable

## Master-slave – Distributed Deployment

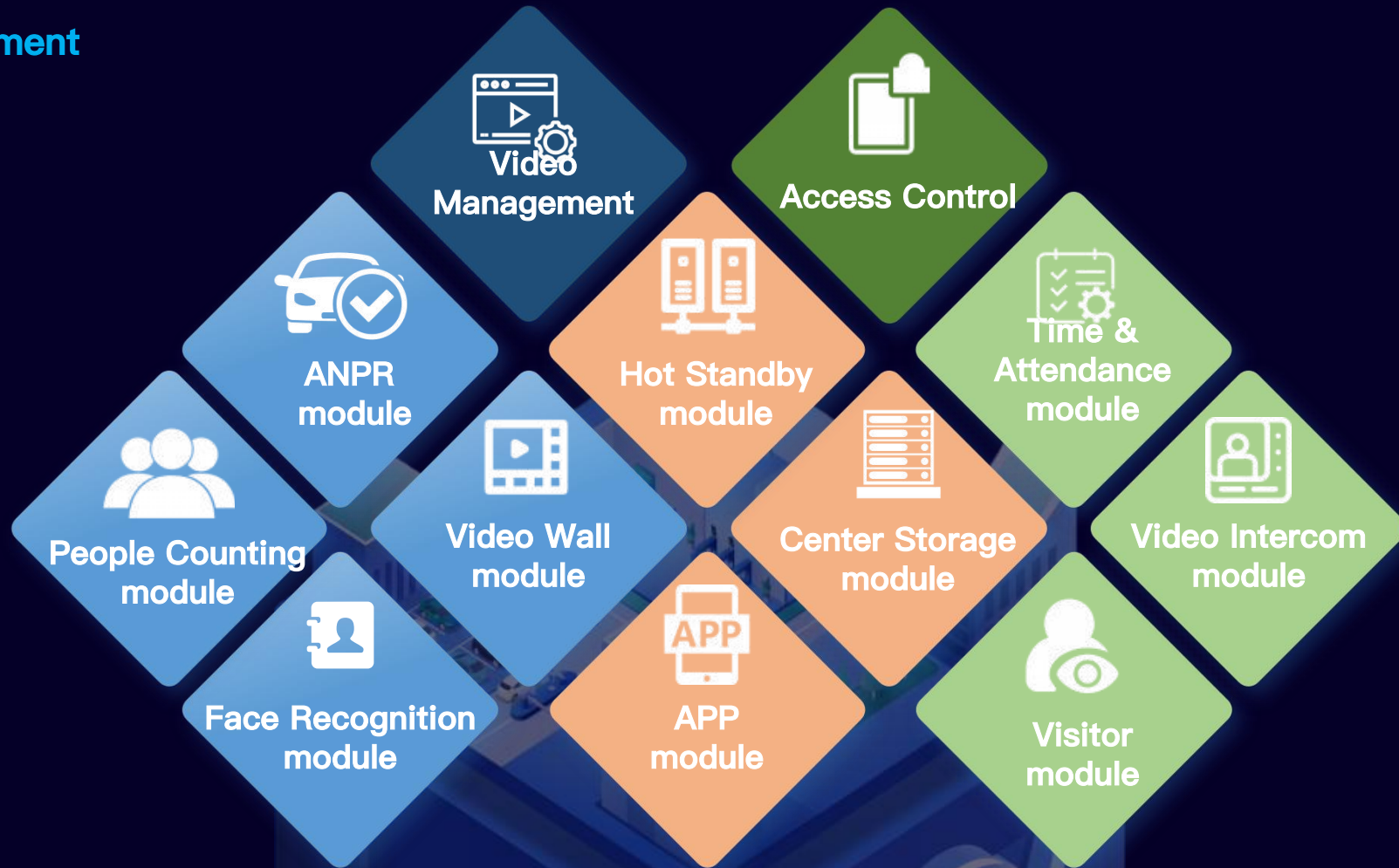
Max. 20,000 video channels



Supported in July

## Single Server Deployment

Max. 10,000 video channels





## Data Security

- Video Content Protection: Ensure the safe transmission of video content, protect the video content. UNV Guard decrypt the encrypted code stream from IPC, and the video can be displayed normally



## Transport Security

- It supports Https protocol to ensure the confidentiality and integrity of data content during transmission.

## User Security:

- Strong password
- Supports user locking and unlocking
- Support to keep the user alive, timeout logout

# Integration



Do not change the original system, UNV Guard can achieve integrated management

If need to integrate with third-party:

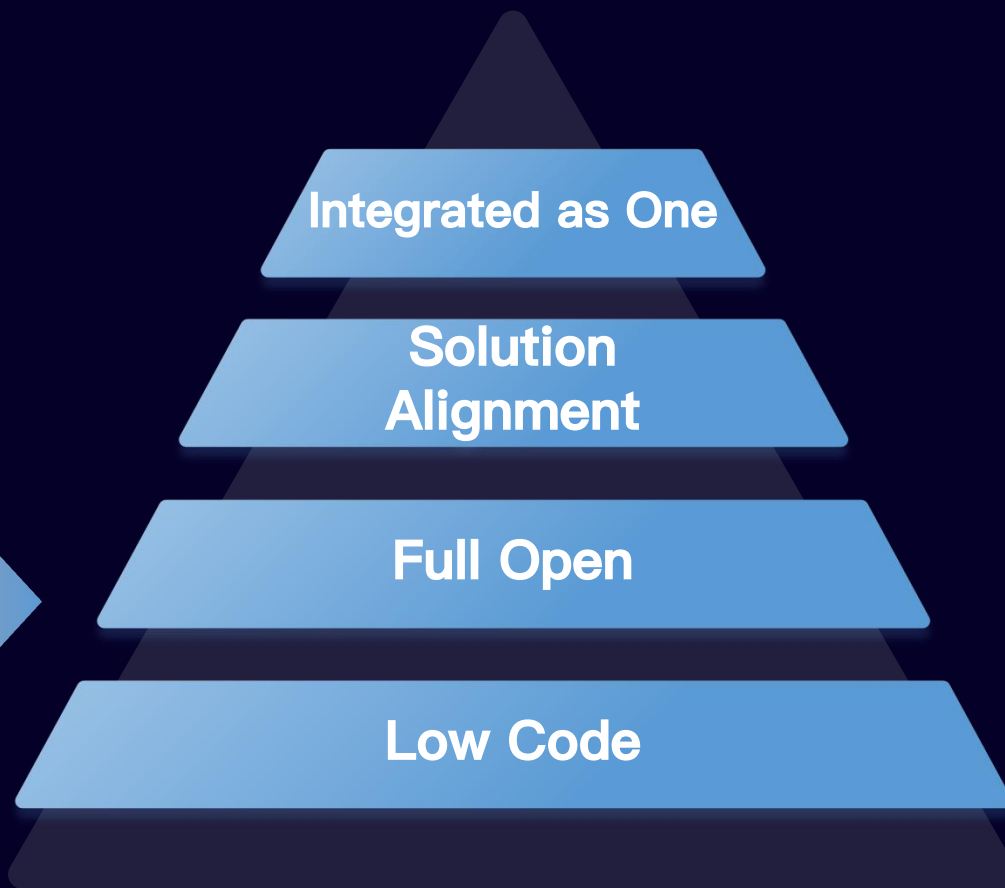
- **Specific Requirements**
- **API/SDK Documentation**

Plan to integrate popular brand product. Please give feedback to product manager.

## Devices

- Alarm Device
- Access Control
- Video Intercom
- Fire Alarm
- Elevator Control

API



API



## Common Management Need

- Device Data Interface
- Remote Control
- Data Dashboard
- Video Linkage
- Device Status



# Data Visualization

Data dashboard summarizes various types of data in the system and displays data statistics in visual diagrams.

It is convenient that users can directly monitor the business running status and implement effective management measures.



Device Status Statistics

People Snapshot Info

Visitor Statistics

People Flow Counting

Real-Time Alarm Statistics

Vehicle Snapshot Info

CPU Usage (%)

RAM Usage (GB)



# Configuration FAQ

For example, a 300-channel camera needs to be connected to the factory, among which 30 channels need to realize face recognition feature.

10 face recognition terminals, 20 access controller devices with 4 doors, need video management and access control management. How to finish the BQQ list?  
Order analysis:

## The video surveillance part:1) Due to the need for video management and face recognition feature

- ① Video surveillance must select (SWP-UG-VideoManagement-Base)\*1
- ② Face recognition feature is needed, so must select (SWP-UG-PeopleManagement-Module) \*1
- ③ Confirm the channel license:
  - For video-live playback only, 270 channels are required, so the normal video/channel authorization letter should be selected, so must select (LIS-UG-VideoChannel/1Ch) \*270;
  - There is also face recognition channel, which needs 30 channels, so the intelligent channel/channel authorization letter is selected , so must select (LIS-UG-IntelligentChannel/1Ch) \*30

Type Selection parameter	UG selection rules	Video section			
	Basic Package (Required)	SWP-UG-VideoManagement-Base			Required
Business function module (On demand)	SWP-UG-VideoWall-Module	SWP-UG-ANPR-Module	SWP-UG-PeopleManagement-Module	SWP-UG-PeopleCounting-Module	
Device access authorization (channel-On demand)	LIS-UG-VideoChannel/1Ch	270channel	LIS-UG-IntelligentChannel/1Ch	30channel	
Configuration Specifications(Basic packet association function module, cooperate with device access authorization)	1. According to the business scenario, when confirming the video service, SWP-UG-VideoManagement-Base must be selected 2. Confirm the business function module and select each module 3. Confirm the access specifications and service requirements, only video-live playback service, select LIS-UG-VideoChannel/1ChIn addition to video-live/playback services, there are intelligent services such as face/vehicle/mixed traffic/passenger flow statistics, such as LIS-UG-IntelligentChannel/1Ch				

The final configuration list:

		Description	Model	BOM	Qty
Video surveillance	Base	Video Management Subsystem	SWP-UG-VideoManagement-Base	0231C1QW	1
	Channel	Video Surveillance Authorization/Channels Licence	LIS-UG-VideoChannel/1Ch	3130C0HR	270
		intelligent channel Authorization /Channels Licence	LIS-UG-IntelligentChannel/1Ch	3130C0HN	30
	Module	People Management module	SWP-UG-PeopleManagement-Module	0231C1QP	1
Access control	Base	Access Control Subsystem	SWP-UG-AccessControl-Base	0231C1QR	1
	Channel	Access Control Authorization/Channels Licence	LIS-UG-AccessControl/1Ch	3130C0HQ	90

## Mexico Park

### Mexico

**Background:** The UNV Guard platform supports 1000+ video channel management in the park, and provides traffic, visitor and other business functions.

**Key Component:**

- UNV Guard\*1, 1024VideoChannels
- VX1624-C@V3 \*3



## Oman Factory

### Sohar, North Batina, Oman

**Background:** The UNV Guard provides a security management platform for the pre-construction temporary office area of a factory in Oman. Video surveillance covers 2000 channels in the temporary office area and public area, and the security management platform includes 300 sets of access control devices and 2 channels of vehicle entrance and exit management. The UNV Guard also provides strong platform support for the temporary construction and factory management to ensure that security personnel can timely detect public safety hazards and query related safety incidents.

#### Key Component of UNV Guard:

- SWP-UNV Guard-VideoManagement-base\*
- SWP-UNV Guard-ANPR-module\*1
- SWP-UNV Guard-PeopleManagement-module\*1
- SWP-UNV Guard-PeopleCounting-module\*1
- SWP-UNV Guard-VideoWall-module\*1
- SWP-UNV Guard-AccessControl-base\*1
- SWP-UNV Guard-CenterStorage-module\*1
- 2000VideoChannels,300AccessControl,2ANPR Cameras





Better Security, Better World