HIKVISION

SMART.
OPEN.
COMPLETE.

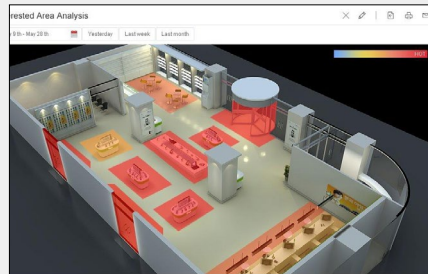iVMS-5200 Pro
VMS PLATFORM

iVMS-5200 Professional

People counting

By counting individuals within a defined area, a statistical report can be generated to help end-users better evaluate customer flow data and trends. This can lead to smarter business decisions.
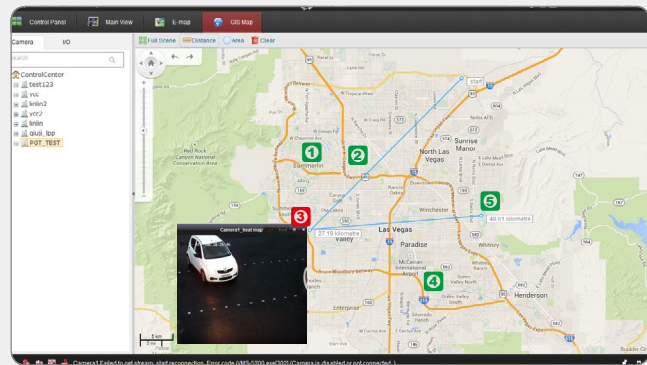
Heat map

A sophisticated heat map allows you to track and understand complex visitor traffic patterns and data sets.

License plate recognition

Automatically capture license plate numbers, colors, and car models and corresponding time stamp data to enforce parking permits, time-limited zone rules and lot inventories.

New Experience of GIS Map

Accurate Map Information:
Load real-time maps, like Google maps, to accurately reveal current geographic conditions. The map function can also be customized according to customer requirements.

Convenient Map Operation:
Providing a convenient and efficient live view, users can add various spots to manage alarm information via the map. This feature provides instant notification and verification, optimizing the overall event handling process.

High Performance and Availability

1024 Channels in One Server:
By reducing the need for multiple servers, this new design feature offers capacity to handle even the most challenging surveillance requirements.
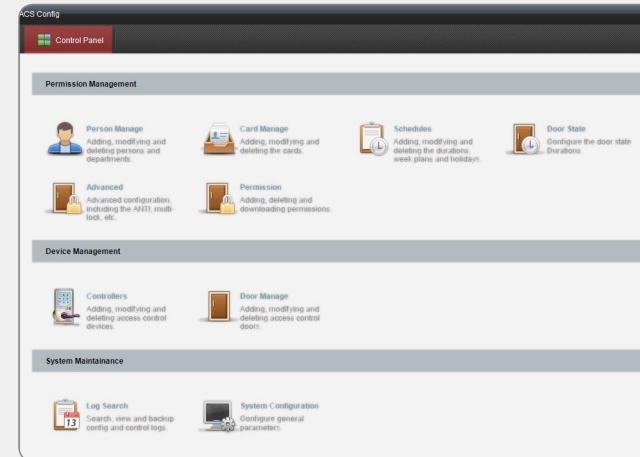
4 Views per Workstation:
Flexible, user-defined view options provide more detailed information, improving the user's ability to capture and react to events.

Dynamic Stream Selection:
Video stream quality can automatically be switched from low to high definition resolution, reducing the load on workstation and network resources.
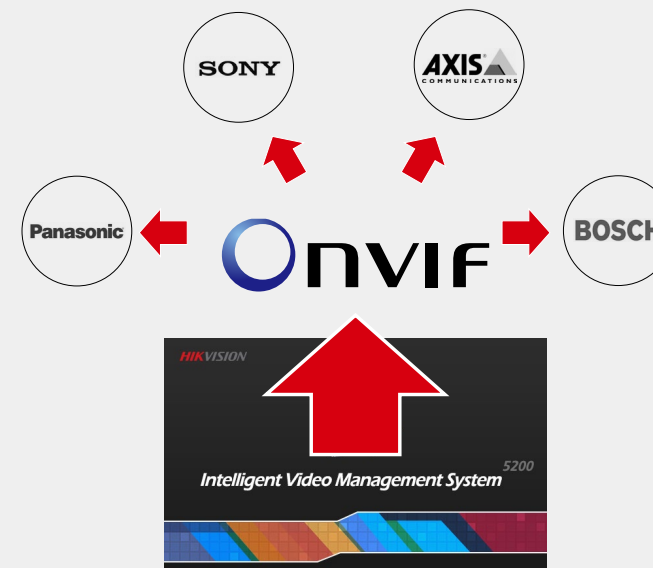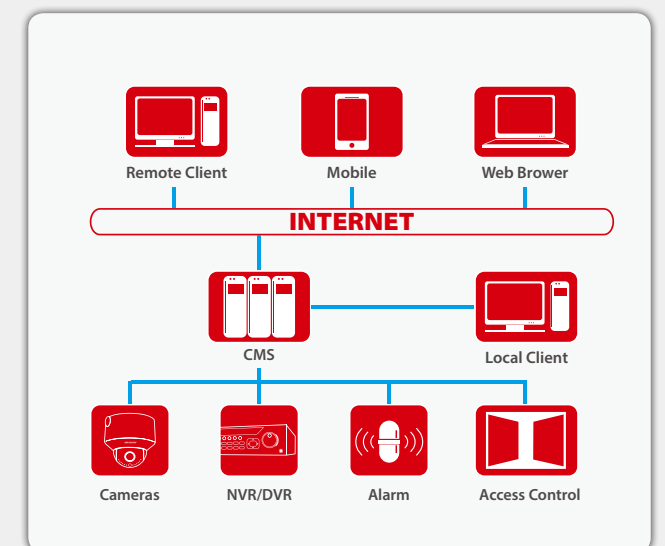
Access Control

Manage door access permissions centrally from a single location. Enhanced integration with CMS lets you easily manage video alarm events through either system.

Our browser-based Access Control Configuration software lets users access their system any time, from anywhere. It allows users to assign door privileges and manage employee or visitor credentials quickly and easily, without geographic constraints.

Open Architecture

The iVMS-5200 Pro easily integrates with leading CCTV equipment, providing customers with flexible hardware alternatives.

Existing System Integration

To enable maximum flexibility, IVMS-5200's distributed architecture design makes it easy to connect with a variety of security and business systems, allowing endless possibilities for application customization.
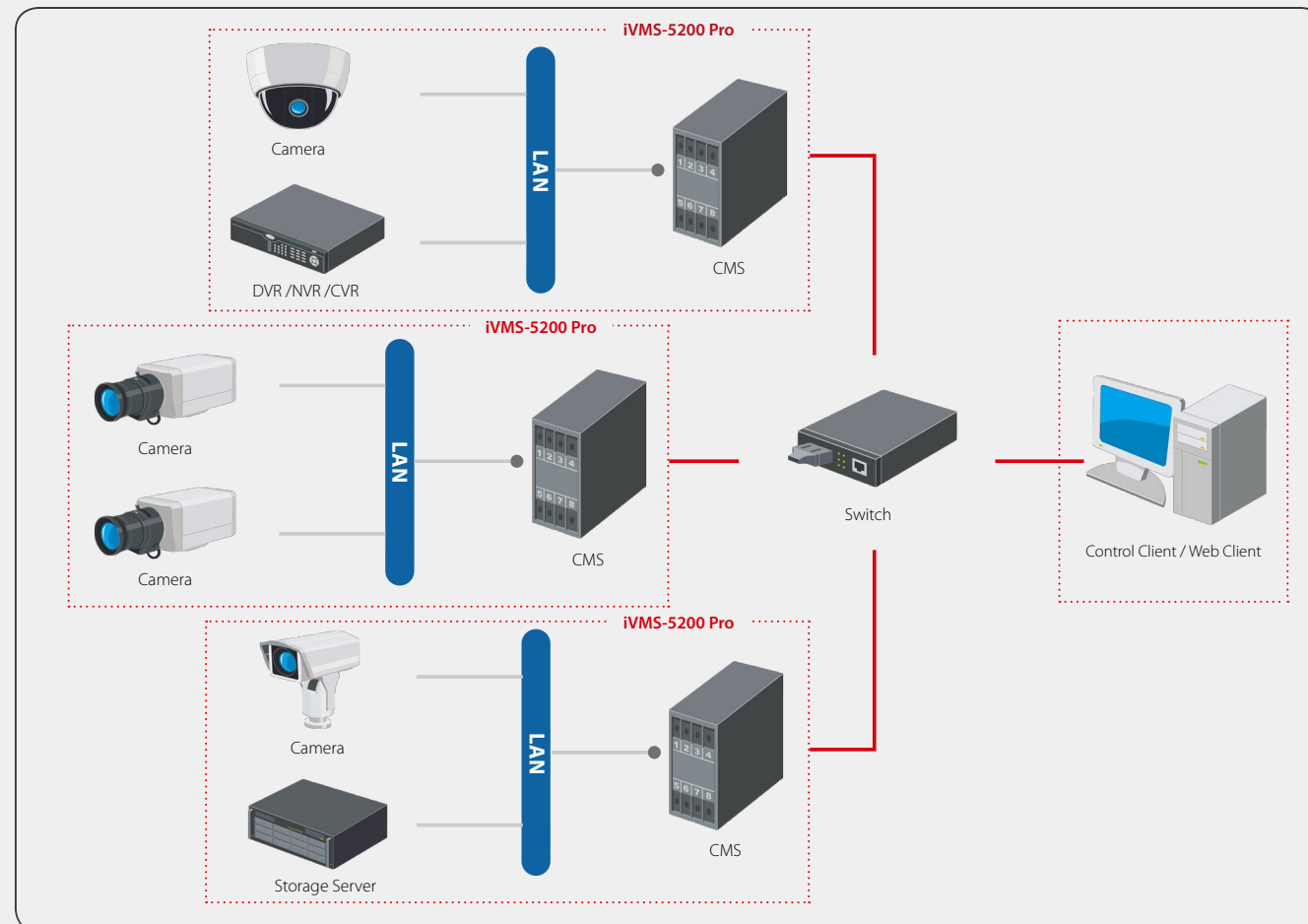
COMPLETE

Complete Video Surveillance Product and Software Solution

The addition of iVMS-5200 Pro software to Hikvision's solution offering completes the market's broadest line of video surveillance solutions. The software fully supports all Hikvision devices, including DVRs, NVRs, Cameras, PTZ domes and more. Various 3rd party products can also be connected to the iVMS-5200 Pro via ONVIF. Regardless of if you are installing a new site or expanding your existing system, this complete solution can be customized for all your security needs.
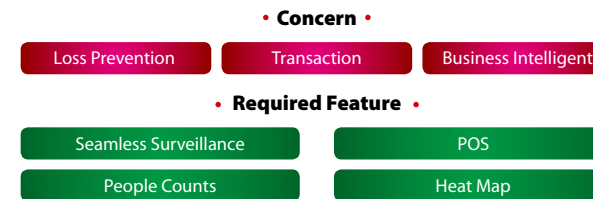
Complete Solution for Businesses of All Scopes and Sizes

With a maximum capacity of up to 1024 channels, iVMS-5200 Pro is designed for small- and medium-sized businesses. Organizations with greater needs can increase capacity to 3072 channels, serving a central management function. Each iVMS-5200 Pro can also be permissioned to manage its own resources. Flexible operation and optimized bandwidth improve the user experience.
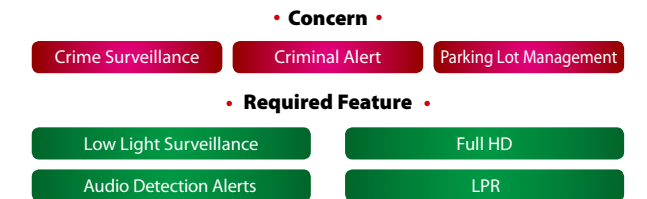
Retail

As retail loss prevention tactics shift from traditional analog to 24/7 real-time video monitoring, Hikvision iVMS-5200P is the ideal tool to manage this transition. Meanwhile, the rapid growth of online shopping is having a dramatic impact on retailers, forcing retail owners to change their operations to focus on consumer behavior and gathering business intelligence.

• **Concern** •

Loss Prevention	Transaction	Business Intelligent

• **Required Feature** •

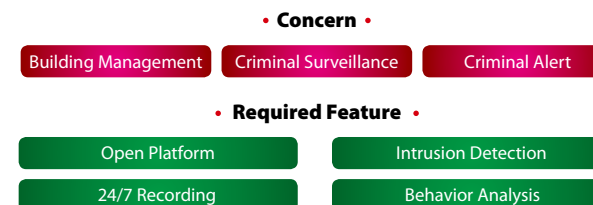| Seamless Surveillance	POS
People Counts	Heat Map

Parking lot

Widely used in parking lot applications, the Hikvision iVMS-5200 Pro solution provides low light technology and real-time HD video recording. With audio detection functionality, this comprehensive solution can trigger alarms, notifying the command center of unexpected events. The available License Plate Recognition (LPR) module enables car registration and evidence capture.

• **Concern** •

Crime Surveillance	Criminal Alert	Parking Lot Management

• **Required Feature** •

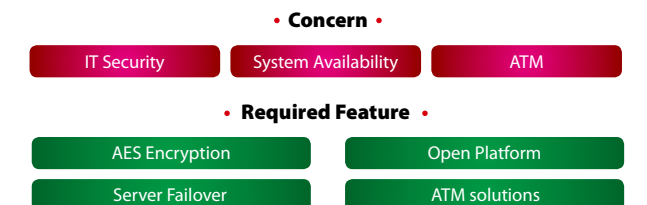| Low Light Surveillance	Full HD
Audio Detection Alerts	LPR

Residential

As an open platform, the Hikvision iVMS-5200 Pro integrates video surveillance, access control and alarm for building management. This solution can centrally manage various events such as perimeter intrusion detection, fire alarms, smoke alarms, and more, pushing alarm information to the security force to enhance response time and resident safety.

• **Concern** •

Building Management	Criminal Surveillance	Criminal Alert

• **Required Feature** •

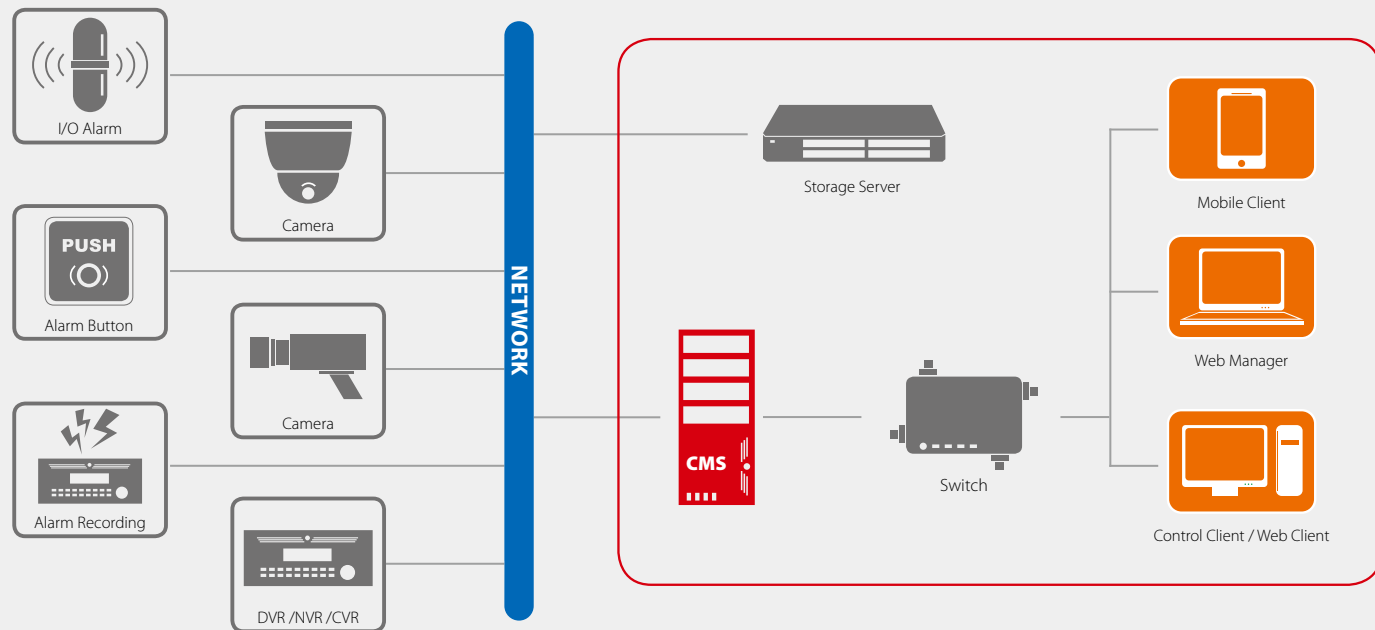| Open Platform	Intrusion Detection
24/7 Recording	Behavior Analysis

Banking

Many feel the banking industry has higher security demands than other industries. Experienced in delivering banking solutions, Hikvision understands the unique needs of this complex market. Hikvision iVMS-5200 Pro not only satisfies needs for IT security and high availability of financial institutions, but can also connect major IP cameras as an open platform. Hikvision provides the SDK to ensure compatibility and stability between different systems. Hikvision also offers complete solutions for ATM applications.

• **Concern** •

IT Security	System Availability	ATM

• **Required Feature** •

AES Encryption	Open Platform
Server Failover	ATM solutions

Diagram labels:

iVMS-5200 Pro
Camera
DVR /NVR /CVR
LAN
CMS

iVMS-5200 Pro
Camera
Camera
LAN
CMS

Switch

Control Client / Web Client

iVMS-5200 Pro
Camera
Storage Server
LAN
CMS

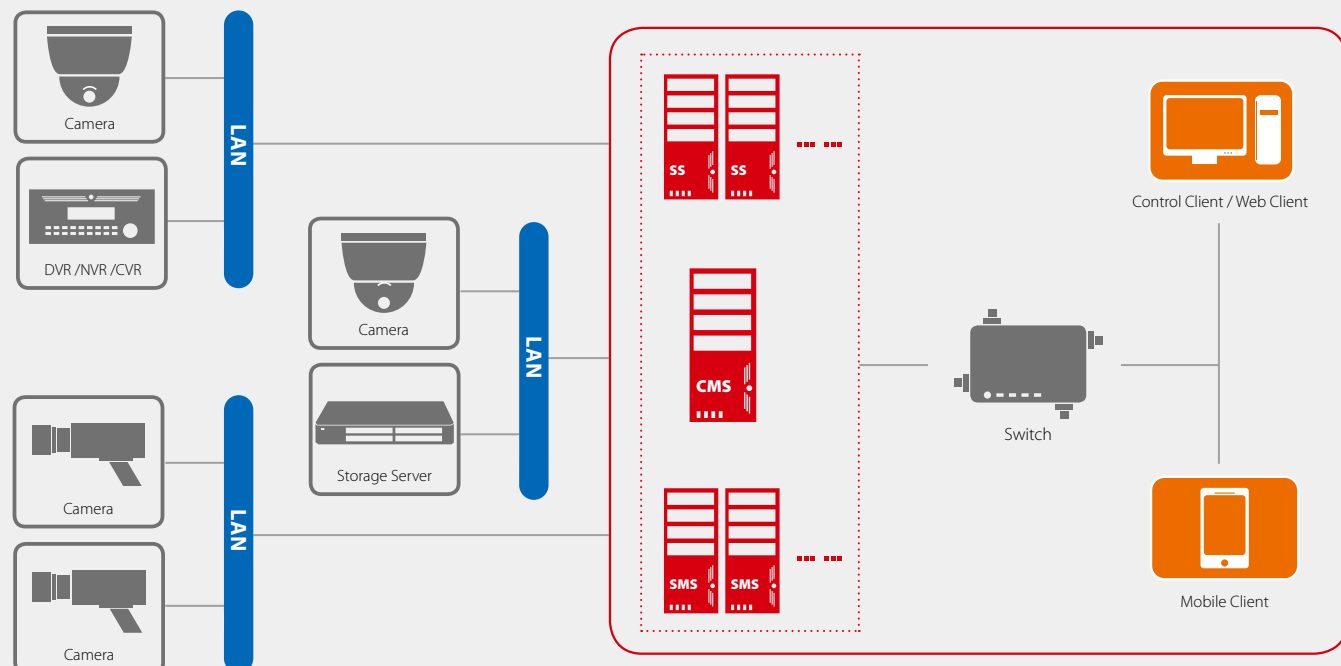## iVMS-5200 Professional

Multi Link

Up to 1024 cameras

- Suitable for small- to mid-sized businesses
- Cost-effective
- ONVIF and third-party IP camera support

iVMS-5200 Enterprise

Unlimited Devices

Unlimited Cameras

- Designed for large distributed installations
- 24/7 surveillance
- Reliable scalability

Products/ Version	iVMS-5200 Professional	iVMS-5200 Enterprise
Type of Deployment	Single-server	Central management and distributed sites
Number of Connected Devices Per System	1024	Unlimited
Number of Supported Cameras Per System	1024	Unlimited
Number of Online Clients Per System	16	Unlimited
Maximum Numbers of Users	Unlimited	Unlimited
User Permission Levels	100	100
Maximum Number of Storage Servers Per System	16	Unlimited
Maximum Number of Cameras Per Storage Server	128	200
Maximum Bandwidth of Video Input Per Stream Media Server	200*2Mbps	200*2Mbps
Maximum Bandwidth of Video Output Per Stream Media Server	200*2Mbps	200*2Mbps
ONVIF Compliant Device Support	√	√
GIS Integration	√	√

Recommended Hardware/Software	
Server	
CPU	Intel E5-2620 and above
Memory	DDR3 8GB
Network	1000Mbps×2
OS	Windows Server 2008 R2 SP1 and above
Database	PostgreSQL / Oracle
Client	
CPU	Intel Core i5 750 and above
Memory	DDR3 4GB
Network	Intel/ RealTek 1000Mbps
GPU	Geforce GTX 460 and above
Control Client OS	Windows 7 / Windows 8
Web Client / Web Manager	IE8 and above / Firefox 3.5 and above / Chrome 8.0 and above