HIKVISION:

Better Security Technology, Lower Costs for Commercial Real Estate Portfolios

An Overview of Hikvision Security Solutions for Safer Tenants, Smarter Buildings and Better Efficiency

HIKVISION®

Overcoming Challenges in the Commercial Real Estate Industry:

Commercial properties face a number of safety and security risks that can affect occupancy rates and property values. Property managers want properties that offer an open and inviting office or living space that can also be protected from vandalism, vagrancy, theft and violence.

Understandably, property managers are reluctant to invest in legacy security systems that are out of date or poorly maintained. Budgets are tight and finding new ways to keep operating costs low is a constant challenge. Hikvision security technology can help property managers balance security investments with the need to reduce liability and exposure.

Many properties use contract security officers for on-site security presence. But, guard turnover is high and often the officer on duty is unfamiliar with the building, staff, procedures, and security systems. Ensuring that security personnel have followed through on their duties such as investigating suspicious activity, having credible footage to document on-site activities, and ensuring accurate alarm notifications are key.

HIKVISION SECURITY SOLUTIONS: BETTER TECHNOLOGY, GREAT VALUE

Hikvision's commercial real estate solutions provide an integrated approach to security and a broad portfolio of products to provide reliability, ease-of-use, and affordability. Built to address property management challenges, Hikvision security systems are designed to address parking safety and security, security guard supervision, and improve upon outdated legacy systems.

Hikvision delivers innovative technology to fit every budget for small or large portfolios and properties. Our solutions offer the support you need in many ways, such as:
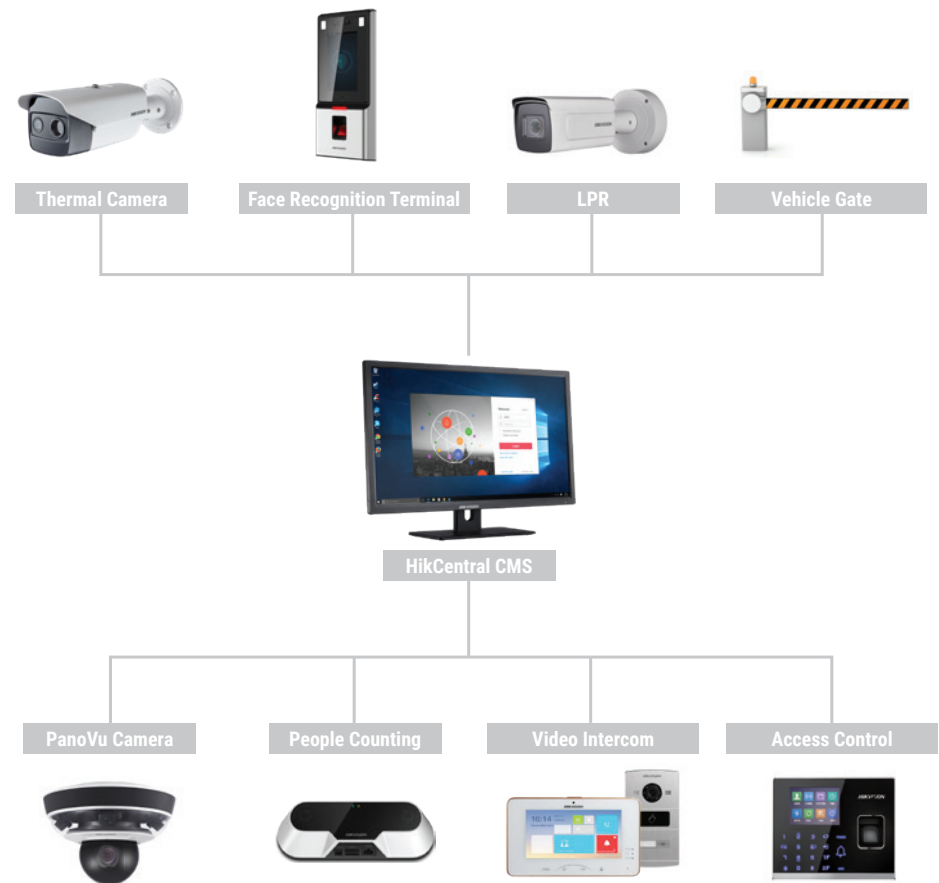
- Affordable centralized management software system that can help you manage multiple properties from one central system. Historically, centrally managed security systems were cost-prohibitive for property management companies. Not with Hikvision.
- Reliable, high quality HD image and video quality for live viewing and playback using recorders.
- Technology for better access control, improved video quality in low light and over-exposed lighting conditions, and segregated parking areas using barrier arms or License Plate Recognition solutions to provide a cohesive security solution.

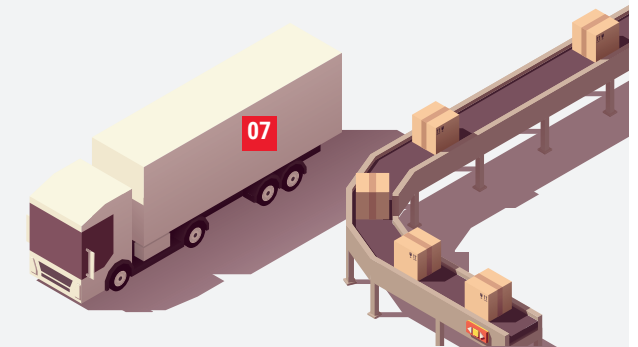# HikCentral: Centralized Management System Software

Hikvision's centralized management software, HikCentral, delivers a central integration point for critical security subsystems and building automation systems. It also provides multiple points of access to aggregate information from remote locations using laptops and smartphones. HikCentral also provides these benefits for property managers:

- Supports monitoring and management of multiple locations, freeing up local security resources to focus on patrol, customer service, and first response.
- HikCentral can elevate situational awareness through the deployment of video wall systems and the use of area maps and building floorplans. It can also reduce response time and increase efficiency for the strategic routing of alarm signals.
- HikCentral enables security officers to receive alarms, view maps, video, and issue temporary visitor access cards from their local security desk. System administrators can manage access credentials and view detailed reports on system activity and status from any location in the security enterprise.
- HikCentral enhances many advanced features that are important to commercial real estate managers such as video analytics that reduce false alarms, and more accurately detect humans and vehicles; License Plate Recognition which allows tenants to pass through parking gates without having to stop and present an access card; and facial recognition for use in lieu of an access card through controlled entry points and restricted lobby elevators.
- HikCentral can effectively leverage biometric technology (fingerprint, facial recognition) to regulate any controlled access point, authorized tenant and visitor access, allow for seamless entry, and integrate with employee management and time-and-attendance systems.
- HikCentral effectively utilizes Hikvision technology by keeping track of occupancy in any area of your facility with discreet and accurate people-counting cameras; providing you not only a form of visitor management, but energy management as well.

HIKCENTRAL SECURITY ECOSYSTEM

Thermal Camera | Face Recognition Terminal | LPR | Vehicle Gate

HikCentral CMS

PanoVu Camera | People Counting | Video Intercom | Access Control

Broad Area Surveillance Applications

MAP LEGEND

01 **Building Management Office (local or remote):**
View live or recorded video, alarms, maps, and reports. Perform management functions from the HikCentral Central Management System.

02 **Security Desk:**
View alarms, maps, video and alarm response instructions from a central management workstation. Receive intercom calls from remote locked entrances, check visitor credentials, issue temporary access cards, and provide authorized access.

03 **Main Lobby:**
Clear visibility into all traffic and entrances even in harsh sunlight and high contrast conditions. Analytics report on events such as loitering and unattended packages.

04 **Main Entrance:**
Visitor entry systems allow tenants to visually confirm the identity of a visitor before granting access to the property.

05 **Elevator Lobbies and Hallways:**
Discreet mini-dome cameras document activity for record keeping and future investigations. People-counting cameras track occupancy and pass information to building systems in order to reduce energy usage in unoccupied areas.

06 **Ground Floor Elevator Lobby:**
Biometrics restrict access to tenants and authorized visitors using access cards.

07 **Loading Dock:**
Card access restricts entry to the building. Video intercom allows delivery staff to alert building staff to incoming packages. Low light cameras document the movement of people and packages in the entire area.

08 **Amenity Entrance:**
Pool, workout room, and daycare access is protected with card or biometric credentials. Video intercom allows tenants or guests to alert security to any issues of concern.

09 **Parking Garage**:
Assigned or fee-based parking is permitted by use of access cards or pre-registered license plates. Where fee parking systems are already installed, HikCentral can share license plates or grant/deny messages with the system.

FEATURED PRODUCTS

Access Control

LPR Camera

Dual Lens People Counting Camera

PanoVu Multi-Sensor Dome

TurboHD Cameras

Thermal Cameras

ACCESS CONTROL: Scalable solutions include a wide-range of card readers and technologies, including fingerprint access and facial recognition.

VISITOR VIDEO ENTRY SYSTEM: Tenants can use voice and visual verification before allowing visitors entrance into the building. Calls can be taken on the tenant's mobile device if they are out. Supports up to 999 tenant spaces.

LPR CAMERA: Move traffic quickly and easily past parking gates with License Plate Recognition (LPR) cameras that can capture plate numbers in the most challenging lighting conditions.

PEOPLE-COUNTING CAMERA: Keep track of occupancy in any area of your facility with discreet and accurate people-counting cameras.

8 MP PANOVU PANORAMIC CAMERA: Capture seamless wide angle views in large areas even with poor lighting. Multiple analytics and audio exception alerts make this an ideal choice for surveillance of parking structures and loading docks.

TurboHD™ HD OVER ANALOG SOLUTIONS: Upgrade existing analog systems to ultra-high definition cameras without the costs of replacing existing coax cables.

THERMAL CAMERAS: Monitor your energy efficiency, track HVAC mechanical equipment performance by detecting heat before an issue arises, and maintain proper temperature for electrical equipment.

Better ROI with Advanced Surveillance Technology

CHALLENGES:

Utilities represent nearly 30 percent of operating expenses for a typical office building, with HVAC and lighting accounting for the majority of this cost. Reducing these services—turning off lights or turning down the heat or cooling systems—during unoccupied periods can provide significant savings, but it's necessary to accurately detect occupancy levels, and this can pose a challenge.

Hikvision's specialized people-counting camera can accurately count people entering and exiting an area, helping you to determine patterns and times when parts of the building are unoccupied. Your building automation system can use this information to reduce lighting and perform a temperature setback. When someone enters the space after hours, your building responds automatically. This camera combines various crucial and advanced technologies, including binocular stereo vision, 3D people detection and tracking, and height filtering to provide property management with highly accurate information and metrics.

People-counting cameras can be placed in doorways, hallways, elevator lobbies, and anywhere in the building that demarks lighting and HVAC zones. Cameras are designed to provide a low visual profile, blending with building décor, and can accommodate mounting heights of 7 to 18 feet.

Integrating people counting into your building automation system is easy using HikCentral's Advance Integration Module and common building automation communication standards such as BACnet and Modbus.

For more information on how Hikvision solutions can enable your building with the world's most advanced technology and improve ROI, contact sales.usa@hikvision.com.

Reduce Costs with Hikvision Technology

DEPLOY SECURITY TECHNOLOGY ON A BUDGET:
Our price advantages allow you to improve security levels and meet budget requirements. Providing this level of savings coupled with Hikvision's less than one percent technology failure rate ensures buildings operate efficiently, safely, and on budget.

TurboHD™ TVI SOLUTIONS:
Hikvision's TurboHD TVI solution saves money by using the existing coaxial cable infrastructure to transmit high definition video. This allows buildings to upgrade to high quality HD security equipment at a fraction of the cost of equivalent IP video systems.

H.265+ COMPRESSION:
A revolutionary video compression algorithm, H.265+ reduces video bitrate streaming between 60 to 80 percent over the current H.264 industry standard. Leveraging H.265+ greatly reduces network bandwidth usage and lowers storage requirements, leading to significant cost savings and better video transmissions over limited bandwidth. This provides a lower infrastructure investment that delivers high quality video.

DEEP LEARNING ANALYTICS:
Advanced video analytics are included in certain Hikvision cameras and recorders without additional fees. These advanced algorithms improve accuracy in detection and reduce false alarms, enabling building staff to focus on customers.

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