



THE BANKING SOLUTION
FOR BRANCH NETWORK

COMMON CHALLENGES AND HIKVISION'S SOLUTIONS

High Definition Surveillance

- Creates a cost-effective transition from analog to IP camera
- Helps bank management secure its personnel and operations
- Ensures safety of customer assets inside the bank

Intelligent Application

- Monitors and secure the bank
- Conducts customer behavioral analysis to improve efficiency

Centralized Management

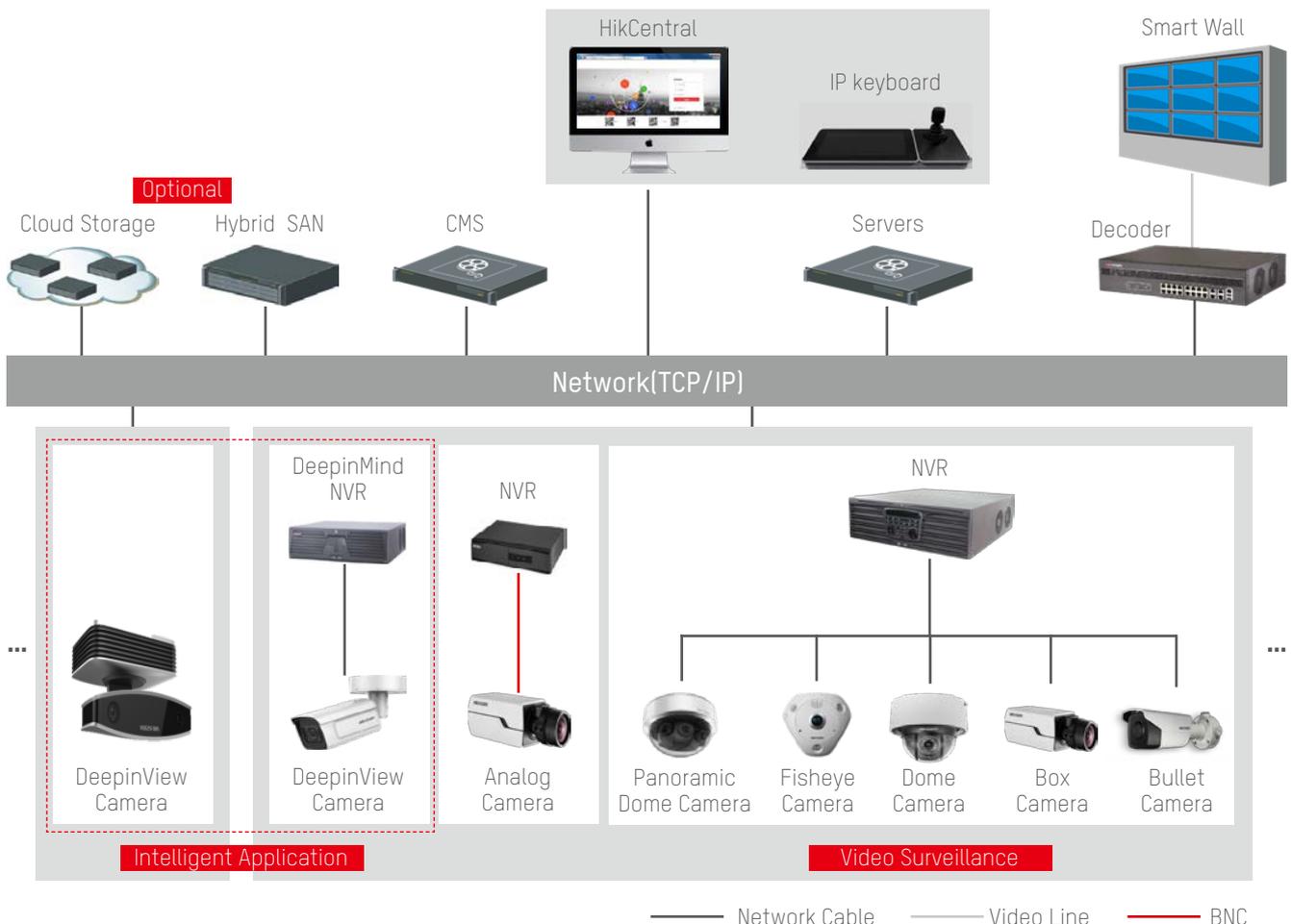
- All devices can be managed easily on a Central Management System (CMS), including CCTV, video wall, intelligent system, and more

Maintenance Management

- A unified security device management helps users to discern the status of devices & storage in a comprehensive and intuitive way, improving system functionality and maintainability



SOLUTION ARCHITECTURE



BANKING BRANCH SCENARIO



Counters and Tellers

Transaction process recording efficiently resolves customer disputes



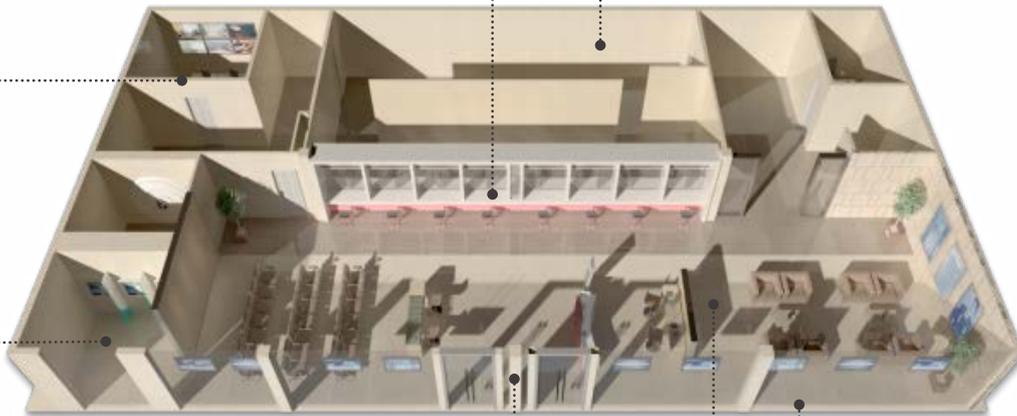
Monitoring Room

System reliability
Data safety
Prompt event response



Branch Manager Office

Maintain security throughout workspace and office areas



Entrance & Exit

Clear visibility even in harsh sunlight
People counting for improved customer service



Outdoor

Sidewalks, Parking areas, and Courtyards



Vault

High theft risk
Discreet monitoring
Video footage + transaction recording



Lobby

Large areas with heavy customer traffic require smooth, high-definition video

1 OUTDOOR SURVEILLANCE

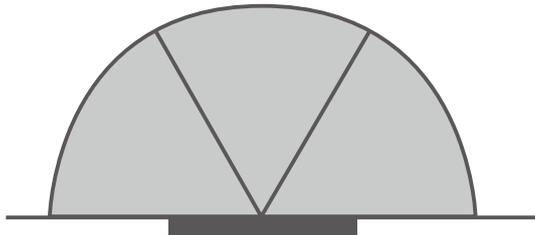
Outdoor areas around a bank require specialized attention. With conventional methods, various cameras would be installed to achieve a panoramic view, and operators would have to manually shift cameras to live view. With PanoVu Series Dome Cameras, bank security officers get a comprehensive view of all areas just a few devices, along with easier installation and lower construction costs.

BANKING BRANCH VIDEO SURVEILLANCE SOLUTION – OUTDOOR SURVEILLANCE



Vertical field of view 86.9°

Horizontal field of view 180°



Area covered by panoramic view

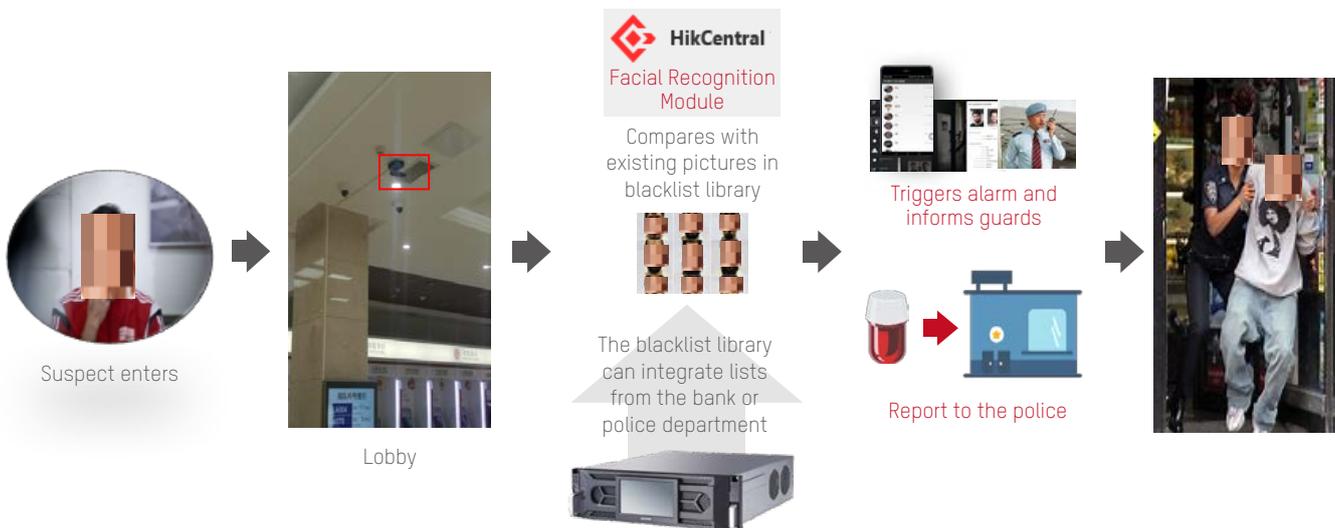


PANORAMIC DOME

Supports 4 lenses and provide 180°horizontal view

SUSPECT RECOGNITION

Banks are very likely to be the targets of criminal behaviors. Suspect recognition function not only prevents people on a blacklist from entering the bank, but also can assist local law enforcement in tracing and arresting criminals.



User Benefits

This function keeps the bank safe and assists police in capturing suspects.

2 ENTRANCES & EXITS

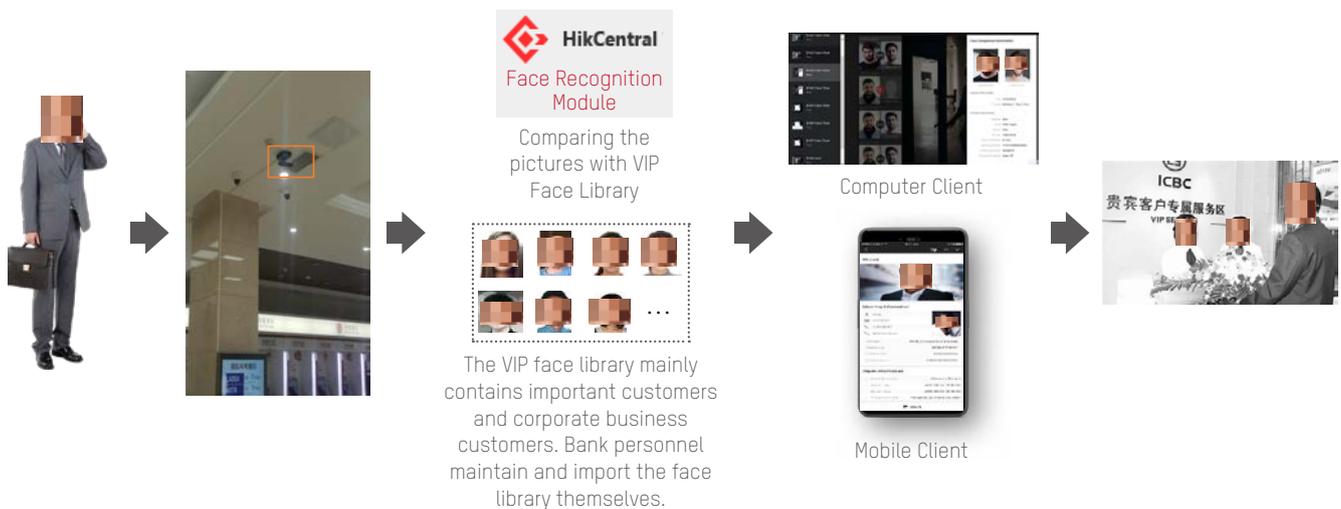
Entrances and exits with direct early morning or late afternoon sunlight tend to create silhouettes in many surveillance cameras. Bright backlighting poses a significant challenge for security staff who monitor from a control room. However, Hikvision cameras equipped with Wide Dynamic Range (WDR) digitally balance lighting to create a more lifelike images on the screen. Important details are rendered with clarity to enhance security efforts.



WDR achieves perfect image fidelity without detail loss under strong backlight.

VIP Recognition

- According to statistic, a large percentage of sales come from just a few key customers, which makes VIP services more important.
- With VIP recognition, key customers are able to get VIP services in a timely fashion, improving customer satisfaction.

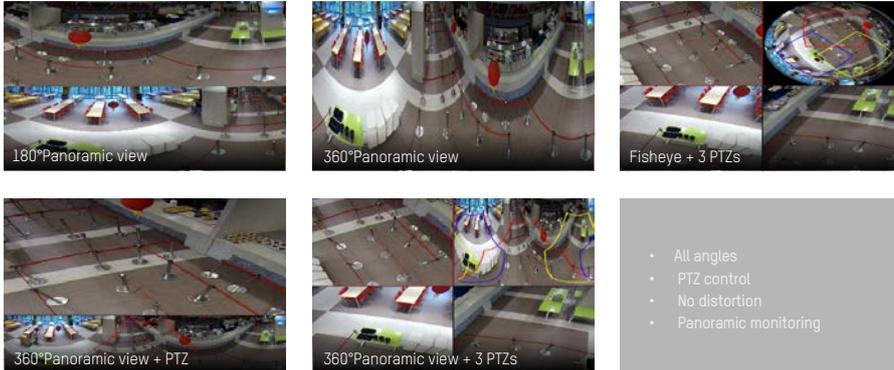


User Benefits

The system can recognize VIP customers and inform staff in order to provide VIP services in a timely fashion, creating a better customer experience and eventually increase revenue.

3 LOBBY SURVEILLANCE

Traditionally, multiple cameras are needed for panoramic monitoring, raising installation costs. With high definition fisheye cameras, users can incorporate panoramic video surveillance with fewer devices, simplified installation, and lower construction costs. Hikvision's solutions also support switching among numerous live view modes.



FISHEYE CAMERAS

Maximizes the field of view, enhances details, and reduces distortion

4 COUNTERS AND TELLERS

A bank counter is a major transaction site. Video surveillance using high definition cameras becomes necessary to prevent crimes and to review video of transaction disputes, ensuring security at the branch.



4K ULTRA-HD

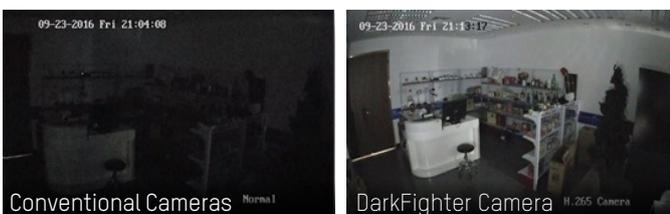
Find every detail in a clear, vivid image

5 CRUCIAL AREAS

Video surveillance is also used in dedicated areas such as vaults, branch managers' offices, and others – even after business hours. Conventional cameras cannot render details clearly in very low light or dark environments. Hikvision's DarkFighterX Camera, however, provides clearer video even under lower illumination. The DarkFighterX guarantees clear video surveillance in crucial areas to promote security at all levels, all hours, day & night.

DARKFIGHTER TECHNOLOGY

Capture excellent color imaging in very weak light



Offices are prime targets in banks, where surveillance is necessary. Hikvision's solutions include automatic alarm through VCA analysis when key areas are unlawfully entered. Control room security staff receive critical alarm data immediately and can implement assigned protocols.

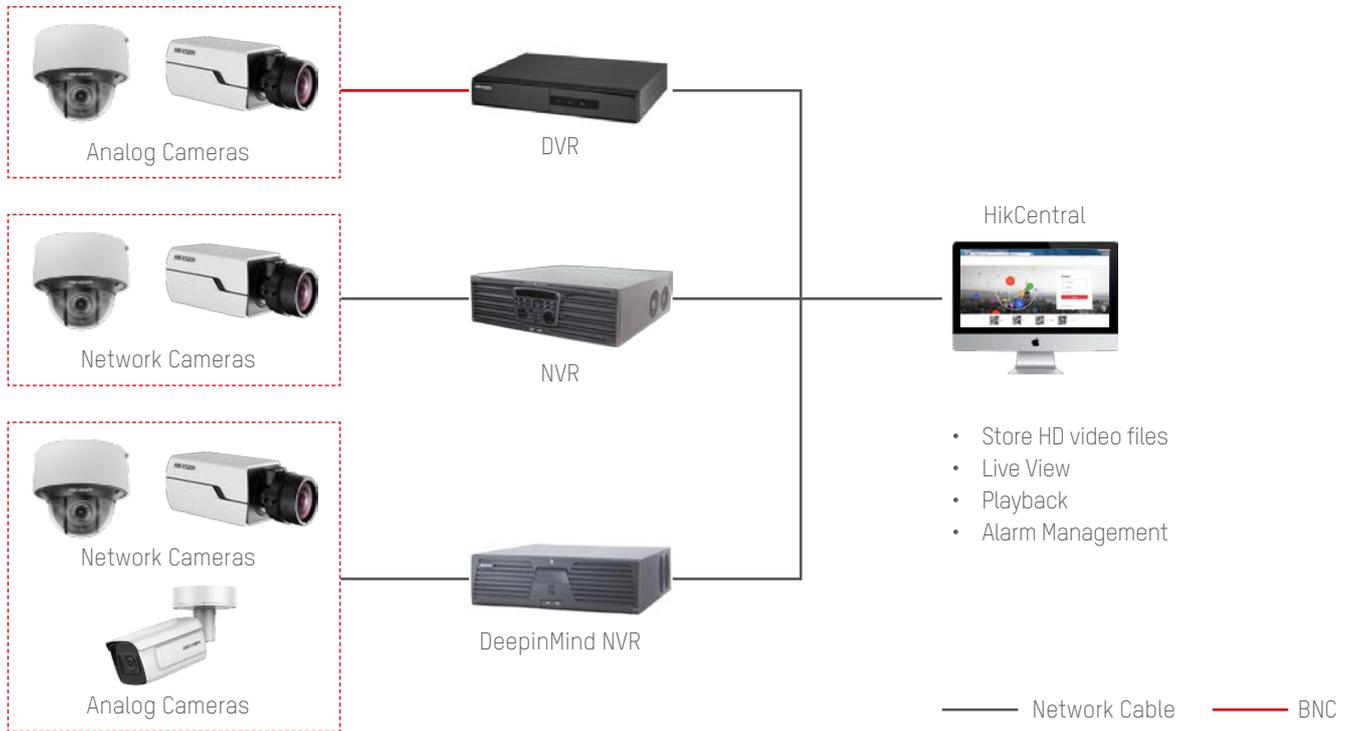
EXIR 2.0 – EXTENDED INFRARED

Get better imaging and higher visibility in completely dark environments



MONITORING ROOMS

Monitoring room store HD video footage, making it available for live viewing, playing back video files, handling alarm events, and reviewing alarm information.



- Store HD video files
- Live View
- Playback
- Alarm Management

HikCentral



Easy and Efficient

- Easy system / device status management
- Easy and efficient alarm management
- Efficient video search & playback
- Easy footage protection, bookmarking, and exporting
- Easy viewing experience
- Easy access: Mobile / Web / Control client
- Easy user management and authorization management

Unified Platform

- Video surveillance management
- Access control
- Facial recognition
- Smart Wall
- Heat mapping
- People counting
- POS searching
- ANPR
- Open SDK

High Scalability&Fail Safe Mechanism

- High Scalability & Fail Safe
- 1 CMS supports 3,000 channels
- RSM supports 1,024 CMS and encoding devices, or more than 100,000 cameras
- System health monitoring module runs real-time status check
- System failover mechanism and recording, N+1 solution



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Distributed by



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