⊠ CP PLUS
Intelligent Security Systems

HERE IS THE SOLUTION FOR YOUR NEEDS

Powered by

ARTIFICIAL INTELLIGENCE

BANK SECURITY SOLUTIONS

Objective

CP PLUS

1. Safeguarding bank premises against theft and terror attacks.

2. Identifying suspicious behaviour and illegal activity

3. Implementing access control and intrusion detection in exclusive areas.

4. Round the clock safety for staff and customers.

5. Prompt data mining to identify suspects in case of break-ins.

6. Ensuring transaction safety for customer satisfaction

7. Efficient surveillance – high res imagery with low bandwidth and storage consumption

8. Cash van tracking and live monitoring.

9. Transaction monitoring of ATMs.

10. Centralized health monitoring to reduce device failure rates

Bank solution

CP PLUS

ROUND THE CLOCK SURVEILLANCE SYSTEM

Fire Alarm System

Intrusion Alarm System

Access Control System

Health Monitoring & Reporting System for Control Room

ATM DVRs for Cash Transaction

Mobile DVR Solution

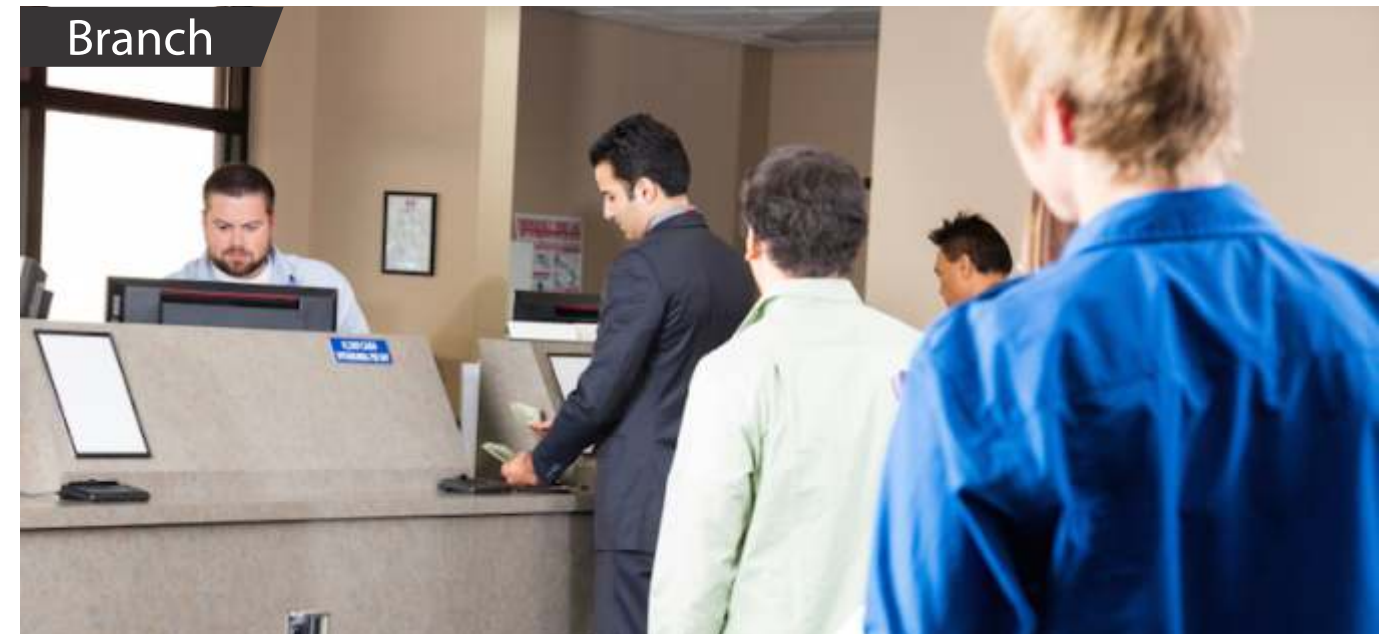T & A System

CCTV Surveillance Solution

Bank Solution

India's banking sector is currently valued at Rs 81 trillion (US$ 1.31 trillion). And, has the potential to become the fifth largest banking industry in the world by 2020.

The face of Indian banking has changed over the years. Banks are now reaching out to the masses with technology to facilitate greater ease of communication, as transactions are carried out through the Internet and mobile devices. All this has created the need for banks to meet their customers' requirements for security in a special way on many levels.

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Intelligent Surveillance for Banking Vertical

Branch

ATM

Cash Van

CHALLENGES

- High resolution video for post analysis
- Ensure safety of customers and employees
- Track transactions for bank and customer satisfaction
- Reliability of system
- Increase business efficiency and enhance customer service
- Incident Management
- Instant Reporting System
- Health monitoring at control room for system ability

SOLUTION

- High resolution cameras and DVR will record details of the suspicious persons
- Low light CCTV cameras will capture images in such areas
- The proposed system will leverage existing analog camera base
- Introduction of network video surveillance to detect potential security threats
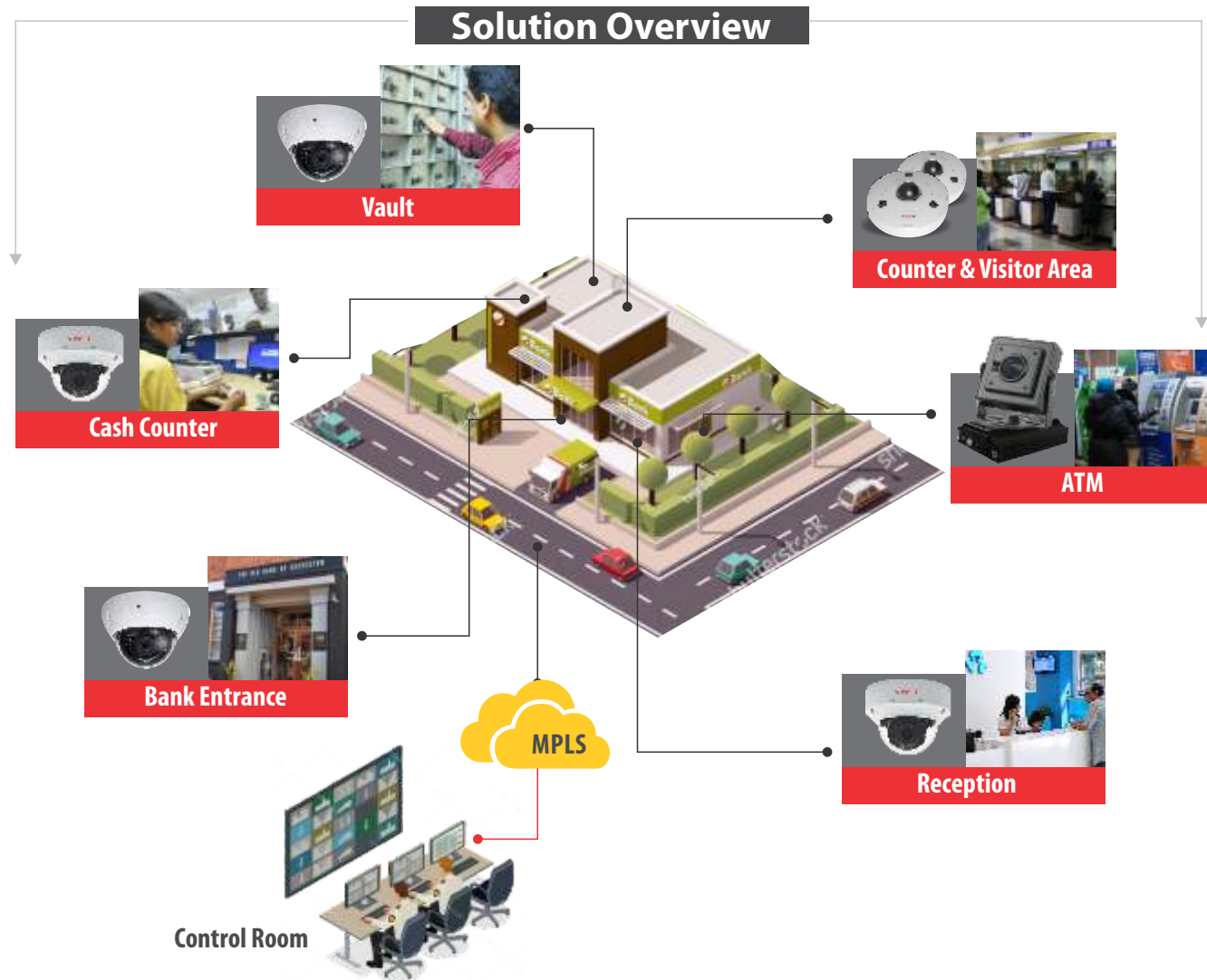
Surveillance SOLUTION

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SURVEILLANCE NEED AT ATM

- Authorized Access
- ATM Machine Surveillance
- Man movement and activity Storage
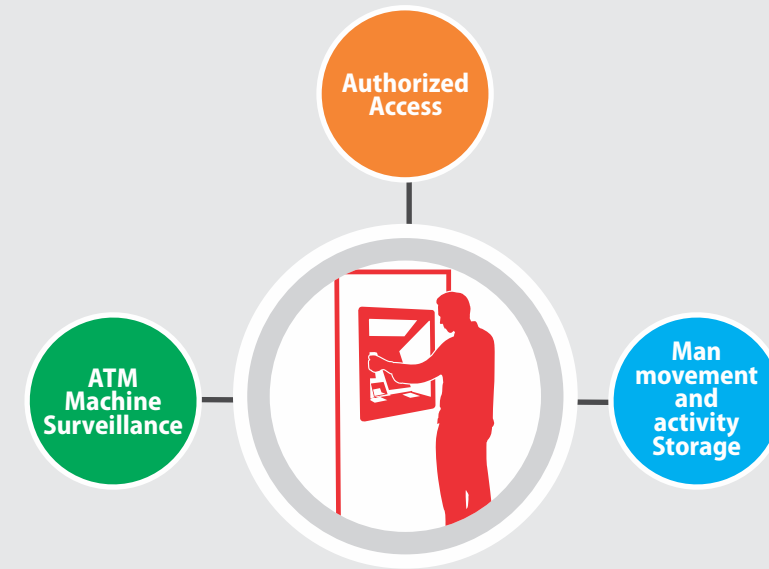
## REDEFINING ATM SURVEILLANCE ATM SECURITY CHALLENGES

- Free access to ATM
- Authentication of customer claims
- Face recognition is poor due to low quality CCTV surveillance system
- No surveillance just outside ATM
- Access to only authorized persons & identification of offender
- High quality footage to help authorities identify and alert its network
- Easy and seamless upgrade to the latest solution
- System alerts can be set when repeat offenders try to transact

Solution Overview

- Vault
- Counter & Visitor Area
- Cash Counter
- ATM
- Bank Entrance
- Reception
- MPLS
- Control Room

T&A at Entrance area

Fingerprint Access Control with EM Card

- Time Management : Manage time of all employees within the bank.
- Employee Tracking : Track shifts, overtime, holidays & leave of the employees
- Protect Payroll Fraud: Provide accurate payment method without any fraud
- Data collection : Data can be collected in a centralized location
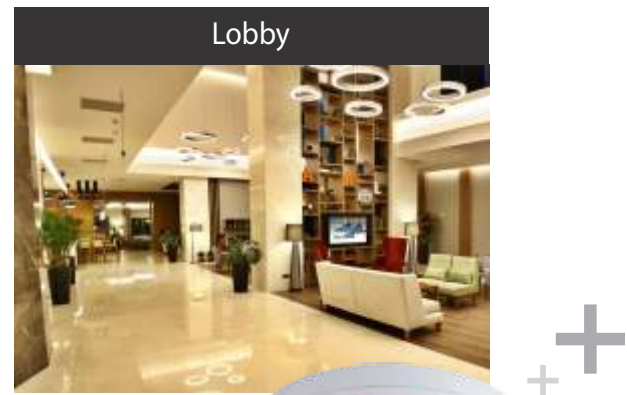
Entrance area
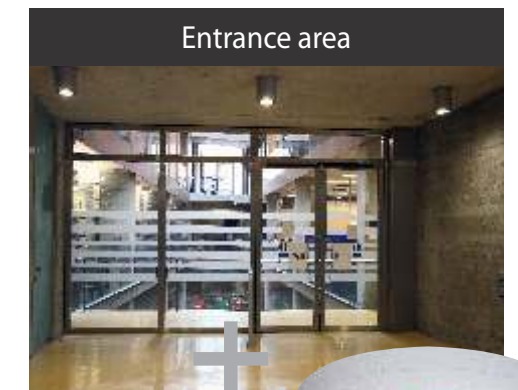
3 MP Full HD WDR IR Vandal Dome Camera - 50Mtr.

- People Counting: Count customers that enter your stores and determine optimal staffing levels for peak customer periods. Also helpful for business analysis/strategies.
- Analysis : Daily, Weekly, Monthly and yearly report can be generated of total footfall.

Surveillance **SOLUTION**

CP PLUS

Lobby

**2 MP Full HD
IR Vandal Dome
Camera - 30Mtr.**

- Fish Eye Camera : To cover complete 360 degree view.
- Dewarping Mode : The image can be split into multiple windows to get more detailed image
- Heat Map: To see the gathering in different area at retails store, which helps with business analysis.
- Audio Output : For announcement of business promotional offers.
- Alarm I/O : To integrate different sensor like smoke, fire, glass break etc.

Reception Area

**12 MP Ultra HD
Vandal Proof IP IR
Fish eye camera - 10Mtr.**

- Resolution 1080P@50fps : To Recognize face of each student, staff & visitor
- Edge Recording : For the redundancy of data edge base recording for critical cameras is needed
- Audio I/O : For any conversation recording and announcement
- Face Detection : Face capturing for each visitor for further analysis
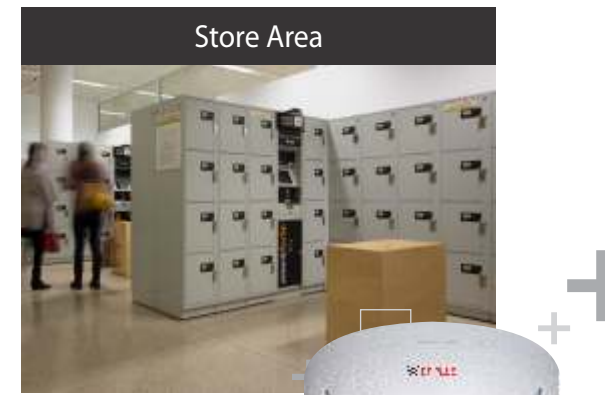
Store Area

**2 MP Full HD
IR Vandal Dome
Camera - 30Mtr.**

- 1080P Resolution : To Recognize face of each student, staff & visitor
- H.265 : For data redundancy.
- Face Detection : To capture face of each customer, for get intelligent playback
- WDR: To capture proper face in typical light situations
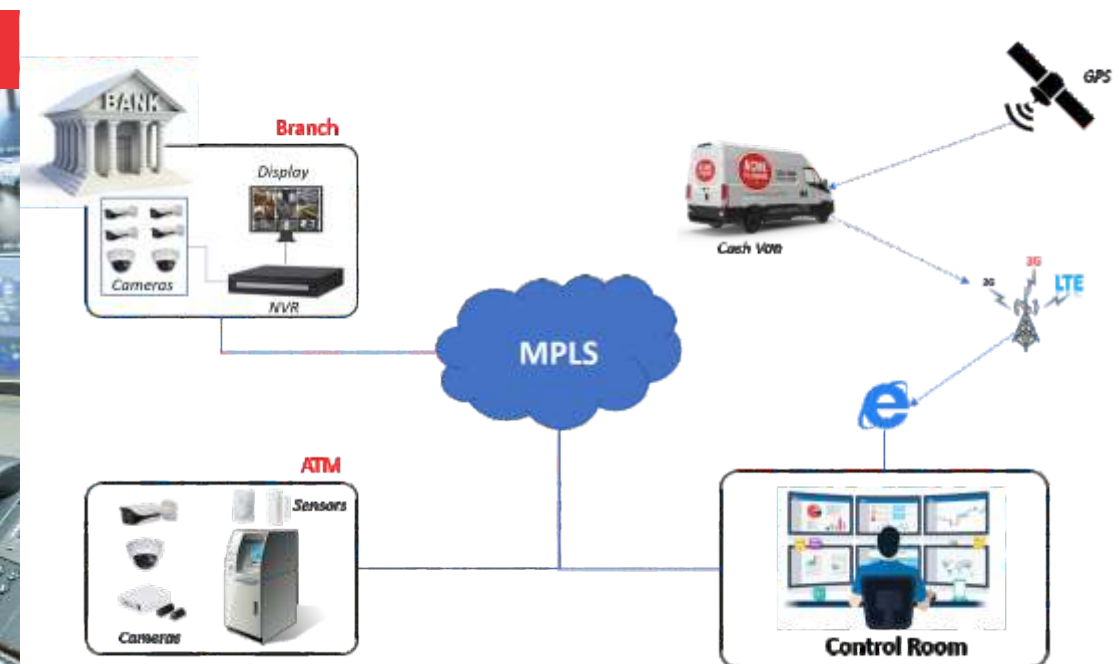
Network Video Recorder

**64 Ch. H.265 4K
Network Video Recorder**

- Recording/Playback : Multiple cameras can record and playback simultaneously (depends upon no. of cameras)
- Live Monitoring : Multiple cameras can monitor at a time.
- Alarm Logs : All analytics logs can be stored with related video
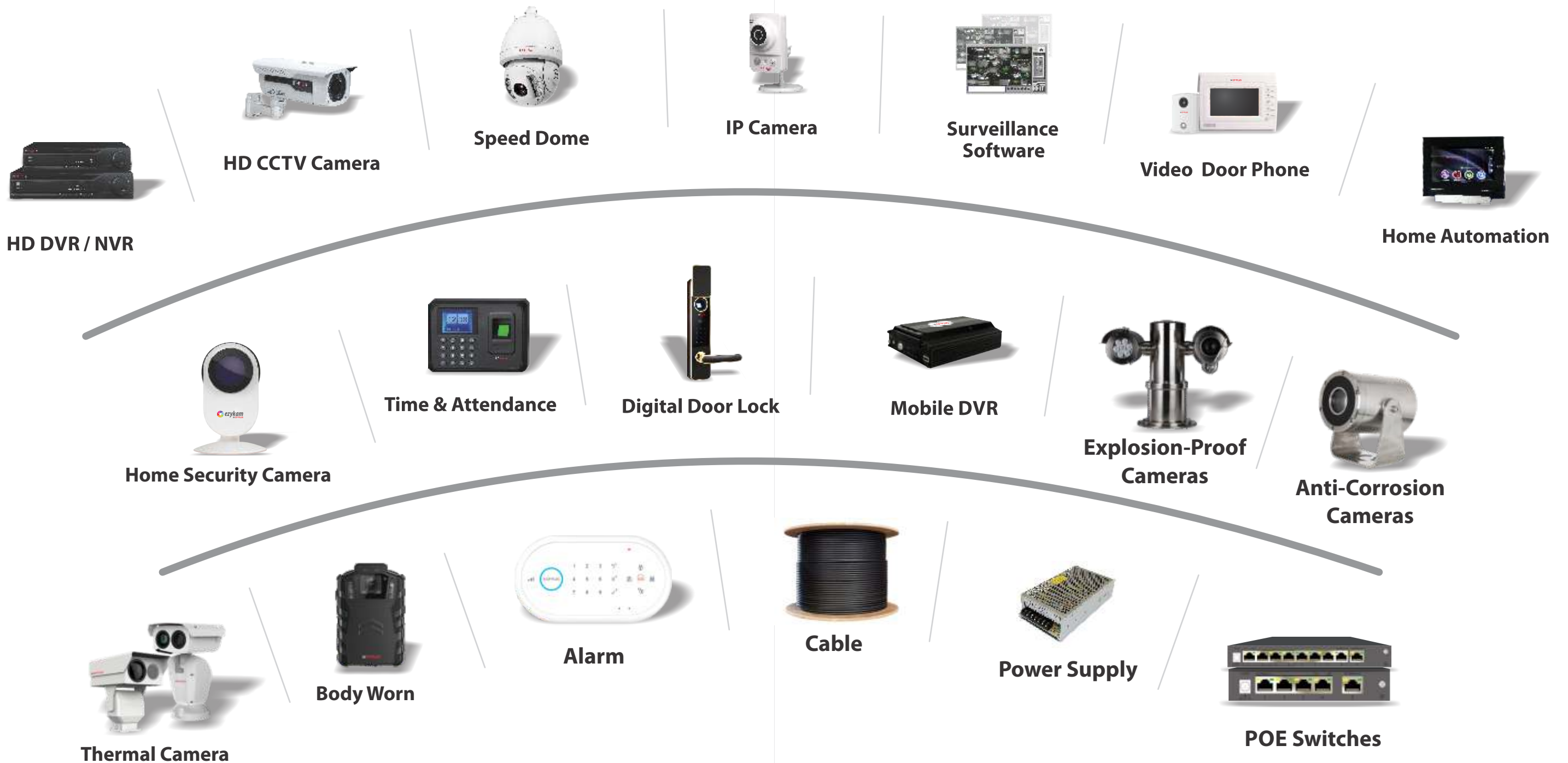
CONTROL ROOM ARCHITECTURE

CONTROL ROOM

Product Portfolio

The range that results from listening to the customer

CP PLUS

HD DVR / NVR

HD CCTV Camera

Speed Dome

IP Camera

Surveillance Software

Video Door Phone

Home Automation

Home Security Camera

Time & Attendance

Digital Door Lock

Mobile DVR

Explosion-Proof Cameras

Anti-Corrosion Cameras

Thermal Camera

Body Worn

Alarm

Cable

Power Supply

POE Switches

CCTV Camera | Recorders | VDP | T&A | Power supplies | PoE Switch | Cable | HDD | Display devices, LAN Networking, Physical Electronic Access Control, Explosion-Proof Camera, Anti-Corrosion Camera, Thermal Camera

Our Solutions
Across Various Industry Verticals

- Education
- Retail
- Banking
- Real Estate
- Transport
- Industrial
- Law Enforcement

Aditya Khemka

Managing Director
CP PLUS

MD's Note

"The security industry is poised to grow manifold in the forthcoming years. Rapid infrastructural developments, increased crime rates, and an upsurge in terror attacks, have propelled the adoption of security and surveillance solutions. Government, transport, financial institutions, retail, manufacturing, commercial companies and other verticals are moving towards equipping themselves with the latest surveillance technology. Further, with criminals and lawbreakers finding new ways to terrorize and vandalize people, assets and systems every day, there is also a growing need for sophisticated products and solutions that can offer intelligent security.

CP PLUS provides dedicated solutions for a range of verticals, including Banking, Education, Hospitality, Healthcare, Police, Real Estate, Retail, Safe City, and Transport. Carefully and meticulously designed these solutions cover all aspects of security within their respective verticals, taking into consideration their operational nitty-gritties.

Having executed numerous projects in all of these verticals, CP PLUS bring with it the experience and expertise required to deliver state-of-the-art solutions that seamlessly integrate with allied security facets such as alarm systems, fire protection systems, access control systems, etc. to create a complete security ecosystem for organizations and enterprises. Our solutions design experts are highly trained and experienced professionals who have executed some of the biggest projects for CP Plus in India.

CP Plus is dedicated to bringing the best products and solutions through constant research and innovation so that security is always an enabler and never a compromise."

⋙ CP PLUS

Intelligent Security Systems

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