HERE IS THE SOLUTION FOR YOUR NEEDS

BANK SECURITY SOLUTIONS
Objective

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.
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.
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.

**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

SURVEILLANCE NEED AT ATM

- Authorized Access
- ATM Machine Surveillance
- Man movement and activity Storage
- 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

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

Bank Entrance

Counter & Visitor Area

Cash Counter

ATM

Control Room

MPLS

Storage

Entrance area

3 MP Full HD WDR IR Vandal Dome Camera - 50Mtr.

Fingerprint Access Control with EM Card

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

- **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 retail store, which helps with business analysis.
- **Audio Output**: For announcement of business promotional offers.
- **Alarm I/O**: To integrate different sensors like smoke, fire, glass break etc.

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

- **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.

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

- **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.

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

- **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.

64 Ch. H.265 4K Network Video Recorder

CONTROL ROOM ARCHITECTURE

CONTROL ROOM
Product Portfolio
The range that results from listening to the customer

HD CCTV Camera | Speed Dome | IP Camera | Surveillance Software | Video Door Phone
HD DVR / NVR

Home Security Camera | Time & Attendance | Digital Door Lock | Mobile DVR | Explosion-Proof Cameras

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
"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."