CASE STUDY

AllGoVision
s e e . s e n s e . s e c u r e

VIDEO ANALYTICS SOLUTION FOR 24/7 MONITORING OF RBI'S CRITICAL SECURITY ZONES

PROJECT DESCRIPTION

Location: India
End User: Reserve Bank of India
System Integrator: Vantage, Lookman, Godrej
Solution Details: Cameras: 748 Nos VMS: Milestone
Video Analytics: AllGoVision + Alarm Center
Vertical Market: BFSI

Use case: Video Analytics for critical security zone
24/7 alarm monitoring for strong rooms and data rooms

Features: Left out baggage detection,
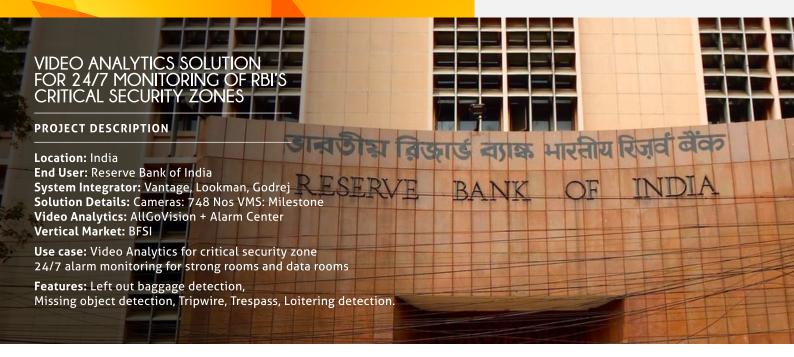Missing object detection, Tripwire, Trespass, Loitering detection.

Video Analytics applied on surveillance cameras helps in automating security monitoring for Critical Security Zones, making the security system more efficient and cost effective.
The Reserve Bank of India (RBI), is a classic case of AllGoVision's solutions for the BFSI sector.

PROJECT REQUIREMENT

The Central Bank, the Reserve Bank of India, has its branches throughout the country. The requirement was to provide an effective and accurate Video Analytics Solution to the existing security systems being used in about 20 locations across India. The requirement was to enhance the security of the critical security zones by providing 24/7 alarm monitoring for strong rooms and data rooms. The need was for a solution with high accuracy and low false alarms. Uniformity in the solution implemented at all branches was also desired.

ALLGOVISION SOLUTION

AllGoVision solution was highly effective for intrusion detection at the outermost layer of the building premises as well as for indoor security monitoring. The tripwire feature gives an alarm on any person or object crossing a virtual line drawn along the boundary of the premise in the camera field of view. Similarly, the trespass feature detects entry into a virtual area marked over restricted zones. Suspicious objects/activities are alerted by the features - left object detection and loitering. Similarly, an alarm is also generated if an object goes missing in the camera field of view. The solution is robust to environmental changes like rain, and reliable due to good object occlusion detection.

ALLGOVISION VIDEO ANALYTICS SECURITY SOLUTIONS FOR THE BFSI SECTOR

Video Analytic Security System
for Vaults / Bank Premises, ATMs

Secondary Access Verification
powered by Face Recognition

Queue Management
for Better Service at Counters

Early Warning Smoke Detection
at Server Rooms/Data Centers

HNI/Privilege Customer Alerts
by Face Recognition

Black Listed People Identification
by Face Recognition

Tailgating Detection
for Strong Rooms

BENEFITS

Monitoring the video feed manually for multiple surveillance cameras 24/7 was not an easy task. AllGoVision automated the process by sending alerts for certain rule violations and security breaches. It has made the surveillance process more efficient as the accuracy of detection improved. At the same time, it was cost effective as it saved time and manpower. AllGoVision's solution improved the detection of suspicious incidences with higher accuracy and also enhanced the capability of the system to detect intrusion.

ALLGOVISION VIDEO ANALYTICS FEATURES

| Intrusion Detection (Tripwire/Trespass/ Auto PTZ Tracking) | Suspicious Incidence (Loitering, Crowding, Left Object) | Tailgating Detection | License Plate Detection & Recognition |
| People Counting & Queue Management | Video Smoke & Fire Detection | Face Capture & Face Recognition | |

ALLGOVISION REFERENCES

BFSI SECTOR

GIFT City, Gujarat, India
State Bank of India
HDFC Bank

GOVERNMENT PROJECTS

Indian Railways
Indira Gandhi International Airport, Delhi
Indian Air Force
Indian Navy
Bharat Oman Refineries Limited

IOCL
ONGC
GAIL
BHEL
NTPC

ABOUT ALLGOVISION

AllGoVision's Video Analytics solutions have been deployed in surveillance applications ever since 2009.
Headquartered in Bangalore with branches in the US and Dubai, AllGoVision is a leading video analytics solution provider with successful installations worldwide. It has dedicated itself into in-depth research and product innovation.
AllGoVision video analytics software is equipped with 40 plus basic and advanced Video Analytics features.
An open platform integrated withmany VMS manufacturers. AllGoVision focuses on providing to its customers – robust performance, cost efficiency, ease of use and customization.