



Current Situation

Current Situation with Physical Security Guard



Given on rent to beggars



Beggar Sleeping



Guard Sleeping



ATM Hacking



Sleeping Guard Killed



ATMs Burgled



Customer Killed by Robber

ATM Solution



Camera

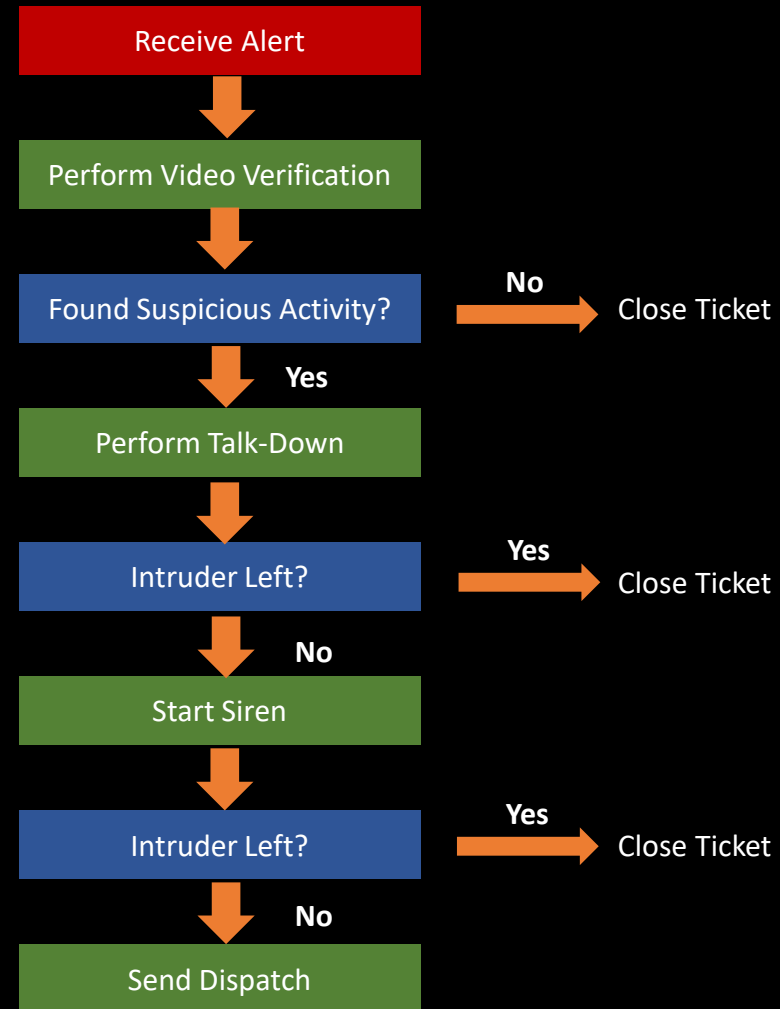
- Detection of Human Presence
- **Send Alert**
- 2 Way Audio
- Siren



Camera 1

Installed Above ATM

- Detect human presence
- **Send Alert**



99%



After Active – Deterrence

The Solution adopted by Top Banks in India



Web Portal

Overall System Status

- ▲ **2 Incidents** deterred across sites
- ◆ **154 Alerts** across sites require your attention



We are securing 56 of your sites

56 Sites Armed

Incident Deterrance



Recently Deterred Incidents

ICICI PoWai
100053 · Mumbai, MH : Cashier Desk

Burglary prevented 3:34 PM, Yesterday →

Overall Sites Health



- DVRs**
6000 / 6000 Online
- Storage**
6000 / 6000 Online
- Camera Signal**
6000 / 6000 Online
- Recording**
6000 / 6000 Online

Infrastructure Health

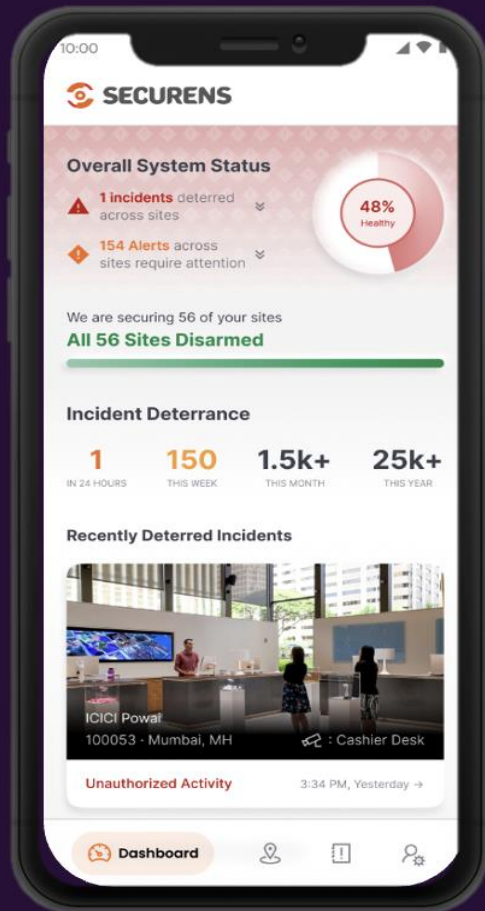


- AC - 1**
609 Faulty · 5391 / 6000 Working Fine
- AC - 2**
609 Faulty · 5391 / 6000 Working Fine
- Lights**
6000 / 6000 Working Fine
- Signages**
6000 / 6000 Working Fine
- UPS Battery**
6000 / 6000 Working Fine

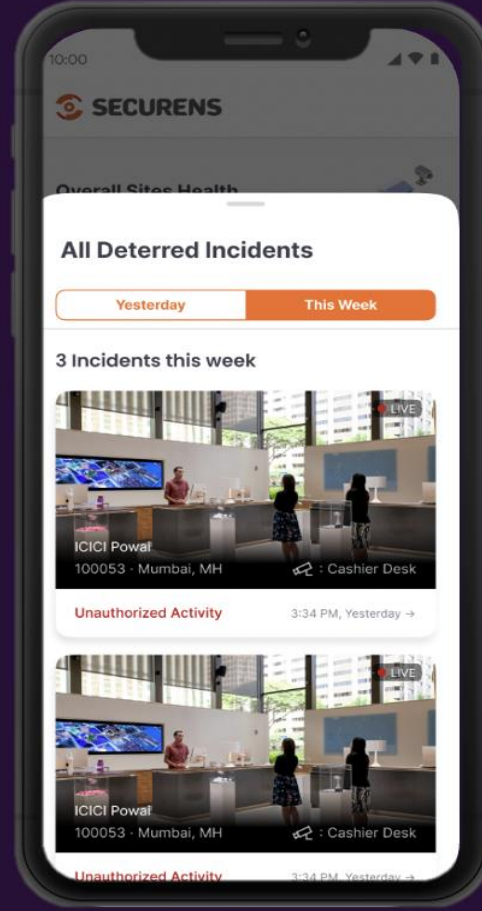
Critical Sensor Status



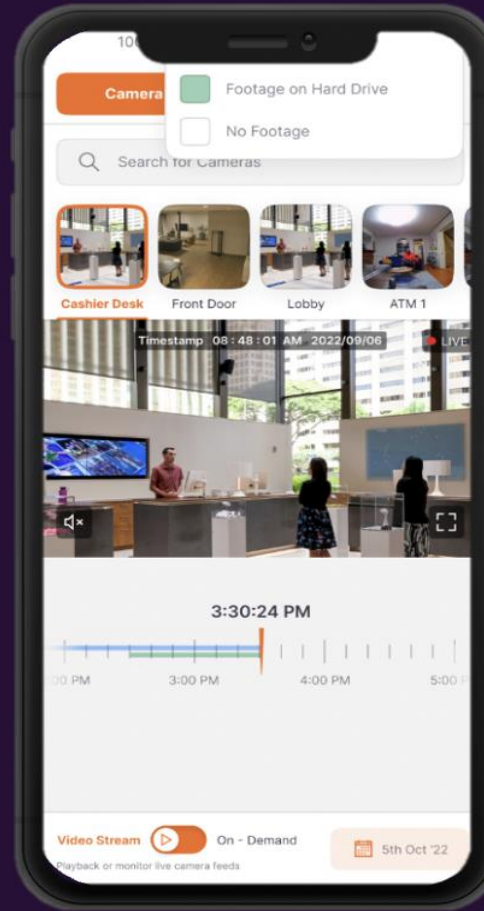
- PIRs**
609 Faulty · 5391 / 6000 Working Fine
- Smoke Detectors**
609 Faulty · 5391 / 6000 Working Fine
- Chest Doors**
6000 / 6000 Working Fine
- Hood Doors**
6000 / 6000 Working Fine
- UPS Batteries**
6000 / 6000 Working Fine



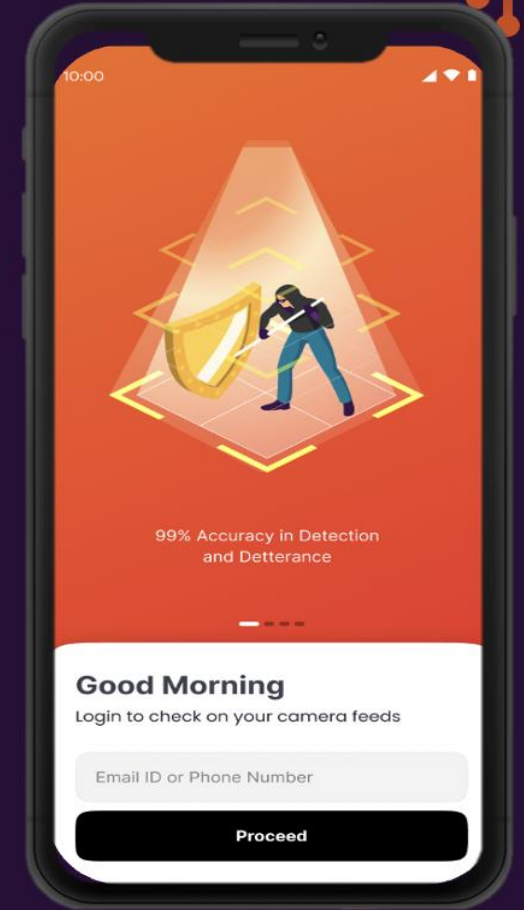
Simple to use and Easy Dashboard for Metrics



Quick Overview of all deterred incidents with log history



Video on Demand instantly via the app and Cloud storage



Email + Phone login with **Role based Permission**

Mobile App



10 Benefits of eSurveillance

Advantages to ATM Booth Owner



Reduce Cost of security



Increase efficiency of security



Boost EBITA and Bottom Line



Lower liability and business risk



Reduce Insurance Premium



Reduce operational management time



Quick response for forensic

Why We should Choose the Solution



*No Upfront Capital Investment
Pure SaaS*



*More Than 40% Reduction in
Guarding Costs*



*Improve Efficiency Banks
Monitoring Command Center*



*Knowledge Transfer from Service
Providers 10+ years of experience +
Handholding
And handholding*



#	Bank Responsibility
1	Procure and maintain Network Links from ATM Sites to Bank's network hub, (which they already have for existing booths).
2	Provide required bandwidth of 512 KB per site with Public Static IP (which maximum Banks already have for existing booths)
3	Provide central router with IPSEC tunneling and adequate firewall to connect to Nitisol e-Surveillance centre (All banks IT has their own network structure).
4	Provide permission to adequate bandwidth from Bank's network HUB to NITSOL Office (Bandwidth Sites X 512 KB X 0.75)



Services Includes

Nitsol's Responsibility

SI No	Scope of Work
01	Installation of AI Cameras 1 per ATM Booths (Special Case may require 2 Cameras Instead of one if the Size of the ATM booth is very big or designed such way that 1 camera is not enough to cover entire area of the ATM booth or the site has a rear loading ATM/CRM).
02	ILL Connectivity from Bank Head Quarter to Nitsol Bangladesh Limited Office (SOC for the Bank). There will be 2 simultaneous connectivity with redundancy.
03	<p>Day Time Monitoring (7:00 AM – 6:59 PM)</p> <p>All alerts except Single person entry and normal transaction will be monitored.</p> <p>Night Time Monitoring (7:00 PM – 6:59 AM)</p> <p>All Alerts such as, Single person alert, Multiple Person Alert, Person with Mask or Helmet, Sitting Infront of ATM/CRM, sleeping inside Booth, unauthorized entry inside backroom will be monitored.</p> <p>A Remote Monitoring team will be monitoring on alert base from Nitsol Office with the ability to respond on any unusual event to replace Physical Security Guard with Two-Way Audio and Starting siren.</p>
04	60 Days incident data at cloud or Nitsol remote Data Centre with maximum data security policy followed by Bank. Can be delivered on demand even if the ATM Site Data and device lost or damaged.

Nitsol's Responsibility

05	QRT/ ERT Team for emergency Services. Included 2 times a week cleaning, at least once a day physical visit and responsible to move within 30 min in emergency events. It includes automated cleanliness of ATM booth report daily basis.
06	Housekeeping and cleaning Services
07	The offered system will have various reporting such as E-surveillance System down report, ATM wise alert reports, Ticket transaction reports, Mains Power Cut report, Housekeeping Attendant report and CRA attendance report and connectivity / Link uptime report etc if required.
08	Turning on and off Lights and Signboard lights at night time with automated timer relays.
09	All the AI Servers and other application Server will be managed by Nitsol Bangladesh Limited either by our own OTC or as a service model with a cloud service provider within the proposed price.

In terms any emergency event appears, the following actions will be taken.

Quick Response Team (QRT/ ERT)	Action To be Taken
1. Fire Alert	Command Centre to due diligence and inform fire Station, QRT/ERT team for physical visit to the site within 30 minutes.
1. Panic Situation (Panic Button/ Switch is an optional feature)	Command Centre to due diligence and inform QRT/ERT team to visit site physically as soon as possible.
1. Theft Attempt/ Vandalism	Command Centre to check through Two-Way Audio System and parallely inform QRT/ERT team Field Team and Nearby Police Station for active deterrence.
1. Unauthorized or Suspicious activity	Command Centre to check through Two-Way Audio System and parallely inform QRT/ERT team Field Team for further action.
1. Flood/ Natural Calamities/ Banned / Protest/ Local Disturbance/ Etc.	Command Centre to instruct QRT/ERT team to take necessary actions accordingly (This might requires Shutting down of ATMs/ CRMs, Removing Cables, Shutter Down etc.)
1. Requirements from Law enforcement Agencies	QRT/ERT team to furnish all relevant details at the site.

Some of the key features are as under

1. Detects Multiple person entre at a time for transaction
2. Detects Loitering in the Booth
3. Detects Entre with helmet and face covering
4. Detects Camera masking
5. Detects Video loss
6. Detects Un-authorized entry for work
7. Detects Any suspicious activity
8. Detects Connectivity error
9. LIVE video HD
10. Get Video on demand of any previous incident by entering date and time frame with web access and mobile apps.
11. Get overall view of the health of the cameras in one page to take necessary actions (Dashboard)
12. See any play back of any previous days
13. Get incident details of any attempted burglaries
14. Analytical Dashboard
15. Playback V-o-D (HD)
16. Complete solution for in-depth site analytics and access to video recording

A) Reports:

1. Complete Solution for in-depth site analytics and access to video recordings
2. Device Health Status Report
3. Keep an eye on the surveillance system: Customers can stay up-to-date with real-time device health status reports
4. Customer will get real-time notification of any incident, failure of any device, or any change that is occurred.
5. Incident Reports
6. Reporting and escalation matrix

B) The Major Advantages that improve operational efficiency

- A. The operations team can now get one view of the health of all their cameras from both the mobile APP as well as the WEB Portal. This includes the Camera not working, Camera masking, Camera Video loss, etc. This means they do not spend a lot of time to get this information in a cumbersome way.
- B. If there is an incident, the operations/forensic team can get instant access to the videos both on their mobile APP as well as the WEB Portal.
- C. The Operations/Business team can get a LIVE view of all their sites.

a. Additional Services

A. Housekeeping Services: One time a day video footage of housekeeping to know the clean/unclean status of the site and to provide the related reports to the Bank.

B. The offered system will have various reporting capabilities such as E-surveillance System down report, ATM wise alert reports, Ticket transaction reports, Mains Power Cut report, Chest Door open report, Hood open report (upper and down), Housekeeping Attendant report and CRA attendance report and connectivity / Link uptime report etc.

Emergency Response Team

There will be a QRT/ ERT team Support available under the same contract and price proposal. The team will be allocated to the following services:

A. To attend the site within a reasonable time (generally within 20 Minutes but maximum within 30 Minutes in City Areas). They will visit all sites at least one time a day and will be available to respond at times of emergency within above mentioned time. They will be available zone-wise at night time to reach the event site within the shortest possible time. We will determine zone areas after receiving the site list.

B. To be able to inform the Police and take their support locally, in dire eventualities.

C. To take reasonable deterrent action, when encountering the culprits at the event sites.

D. To support the Banks and law enforcement authorities up to the extent warranted by the nature of the event.

E. Cleaning the site at least twice a week.

F. Any other related works, which may be included in the agreement after mutual discussion.



Cost Benefit Analysis

1,80,00,000.00_{BDT}

Approximate Savings of 1st Year from the current Opex from around 100 Sites