

AIEE

Airport Immigration - Entry Exit Record Solution



Entry Exit record and Identity Check at Airport Immigration for Foreign Travellers

More than 99% of International arrivals & departures are through Air. Maintaining and managing security and safety at airports is a challenging task that needs to be tackled carefully, while also allowing them to continue functioning efficiently and with minimum interaction with the Air traveler. The solution is needed as Terrorists, criminals, gangsters – trying to sneak in or out of country, Illegal immigrants & refugees – people with no identifications, finding exact identity and mobile phones carrying, Record of visitors.

Border management agencies need an all-round solution that will allow them to detect, monitor, and identify Air travelers, verify their backgrounds, and validate their travel documents. Existing methodology & infrastructure at airport fails because there is no such system available globally.

There is a need of a system to know the real identities of persons arriving in the country or departing out of country. Shyam VNL provides Airport immigration record - entry exit solution as an End-to-End check & for Identification, Search and Location trace of terrorists, extremists, and unwanted elements at Airport Immigration itself. The only system that produces unique identities with Advanced analytics and alerting with the management system.

BENEFITS

- Simple and fast deployment
- Conceived, Designed and Manufactured in India
- All IPR's SW, HW owned by Shyam VNL
- Identify & report all mobile phones in target area
- Supports all technologies 2G/3G/4G
- Optional Wi-Fi, 5G & New frequency bands

HIGHLIGHTS

- Most advanced technology with proven reliability
- Selective blocking of mobile subscribers based on White/Blacklists
- Real-time monitoring of mobile phone location
- Detect & alert
- Advanced escalation and reporting

The system can be installed at airport immigration checkpoint. The solution detects the mobile pass through the Entry Exit of immigration as it always with remain any person – people carry with themselves all the time. It captures the mobile's – IMSI/IMEI of visitor's mobile which is like a digital fingerprint, allows for deeper understanding of a person. It also gets accurate location data and Complete personal profile as well as an optional feature.

ABOUT SOLUTION MiDwar

Provides full automated control using MiDwar

1. Detects red flagged and suspected mobile phones at arrival & departure at different locations:
 - a. Aero Bridge
 - b. Immigration Counter
 - c. Baggage Collection Area.
 - d. Integrates cellular profile information with official intelligence data – Biometric, Facial Recognition and Office IDs (Passport, Aadhaar)
2. Non-intrusive monitoring & data collection.
3. Count in-flow and out-flow of visitors with “real” identities – preventing & detaining the suspects.
4. Knowing who is entering the country and under which name/passport – What's his real identity.

MiDwar CAPABILITIES

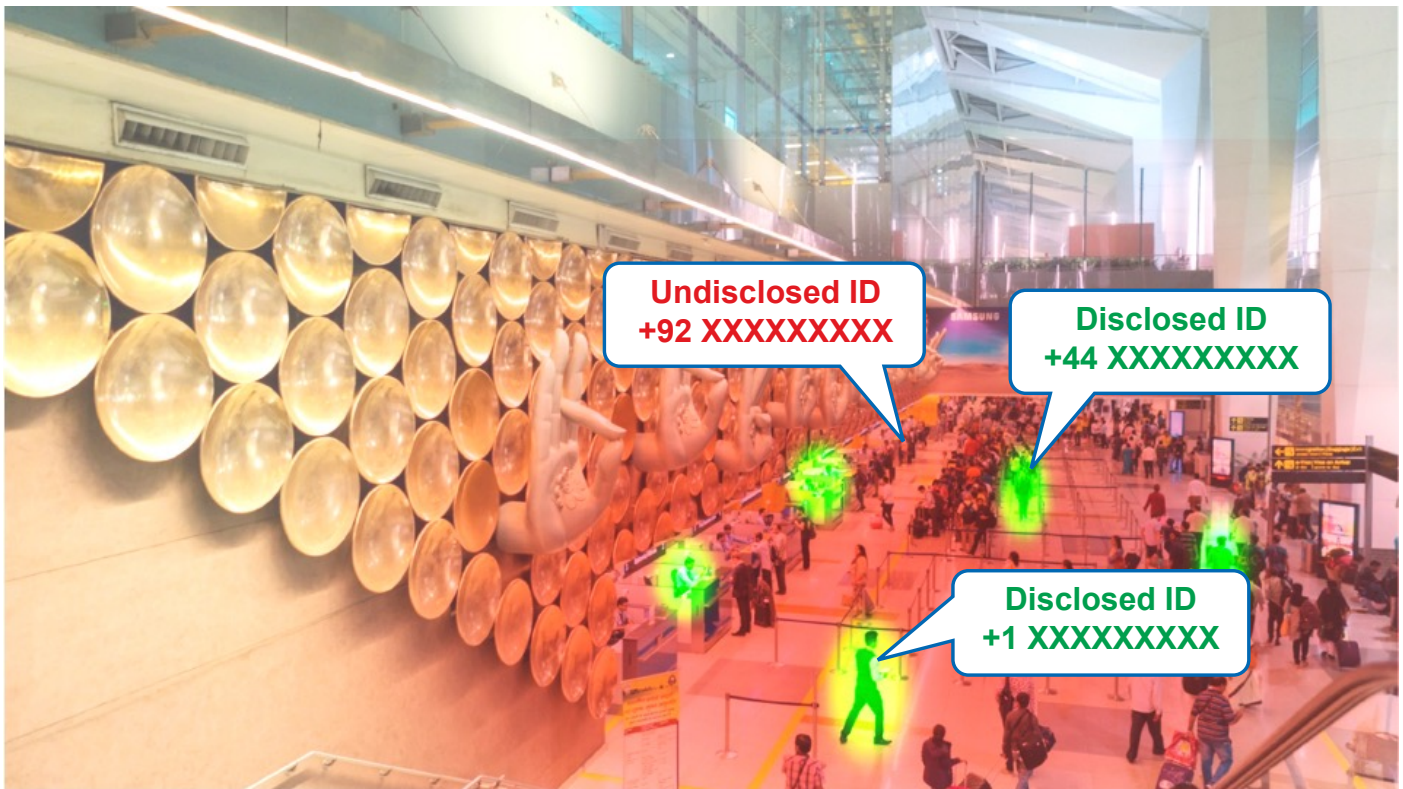
Provides full automated control using MiDwar

1. SMS Blaster – Broadcast important messages to cellular devices within the coverage area.
2. Counting & Identification – Collect IMSI/IMEI of all arrivals & departures, at the Aero Bridge, Immigration Counter, Baggage collection Area.
3. Allow Authorized Personnel Cellular Service
4. Dedicated Secure Mobile Communication for Staff.
5. Integrates with Govt. Systems – associate mobile IDs with Govt. IDs & Face recognition & Bio Matric.
6. Monitor and Locate targets – Locate exact location of suspected cellular device.
7. Multiple configurations for wide range of operational scenarios
8. Simple and fast deployment
9. Most advanced technology with proven reliability
10. Option to provide data to agencies through local or centralised database
11. Advanced escalation and reporting - Advanced AI & Big Data Analysis capabilities for reliable, accurate reporting



Use Case 1 – Aerobridge – 1st Check

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Use Case 2 – Immigration Counter – 2nd Check



Use Case 3: Luggage belt – 3rd Check

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TOLL PLAZA, CUSTOM CHECK POST, IMMIGRATION POST AT AIR, LAND & SEA PORTS

1. Register incoming and outgoing people or goods.
2. Real-time Detection, tracking & Identification.
3. Pre-emptive alerts to border agencies if a flagged person or vehicle is detected.
4. Detecting the persons, while crossing: Custom Check post, Indo Pak, Indo Nepal, Indo Bhutan, Indo Myanmar & Temporary check post.
5. The Mobile identity of the passengers is captured.



Toll Plaza: Sample Deployment

THE PROCESS FLOW

1. Detecting the persons, while crossing check post and temporary check post / naka

2. The unique mobile identity of the passengers in the vehicle is captured

3. Alert is raised if blacklisted person approaches the check post

4. Vehicle Details & occupant photos taken

5. Real-time info/alert shared with HQ

SYSTEM REAL-TIME REPORT SAMPLE

Detected Mobile Information					Blacklist	
Date	Time	Operator	IMSI	IMEI	Target	Tech
xx-xx-xx	10:10:12	BSNL-HR (India)	40468550861XXXX	86256303645XXXX	Detected	2G
xx-xx-xx	10:34:28	Airtel-DL (India)	40410053342XXXX	NA	Detected	4G
xx-xx-xx	11:54:18	Etisalat (Nigeria)	42402101326XXXX	35425581605XXXX	Detected	2G
xx-xx-xx	13:02:20	VI-DL (India)	40411220178XXXX	35332010073XXXX	Officer 1	2G
xx-xx-xx	13:02:30	Airtel-DL (India)	4041005471XXXX	35693709733XXXX	Detected	2G
xx-xx-xx	13:03:20	JIO-DL (India)	40587208895XXXX	NA	Detected	4G

- XXXXXX Detected **illegal** Phones of Indian Operators
- XXXXXX Detected **illegal** Phones of **Foreign** Operators
- XXXXXX Detected Phones of **Authorized Officials**

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For further information visit our website www.shyamvnl.com



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