



Smart Sensing Aviation Tracking Solutions





Fixed & Mobile Asset Tracking





Safety & Security Equipment

Hospitality, food & Beverages

Aircraft Parts

Cabin & Trolley Assets

Specialized, Security ULDs/Containers

Suspect Baggage & Handbag Tray

Business Issues



Lack of visibility of IT & NON IT assets in Airport Premises

Track movement of assets between multiple geographical location and entities

Inability to record Asset maintenance and replacement costs

No consolidated asset information

Difficulty to locate the asset and identify the custodian

Large Asset Base

Solution & Services



Professional services in identifying assets physically on ground; tagged the assets and collected asset information and complied physical asset database

Reconciled and validated with existing data and provided discrepancy reports.

Real time integration set with existing ERP for further visibility of assets- creation of new assets and location movement of the assets
Provided professional services for data

Physical verification (stock check) on a half yearly basis.

Business Benefits



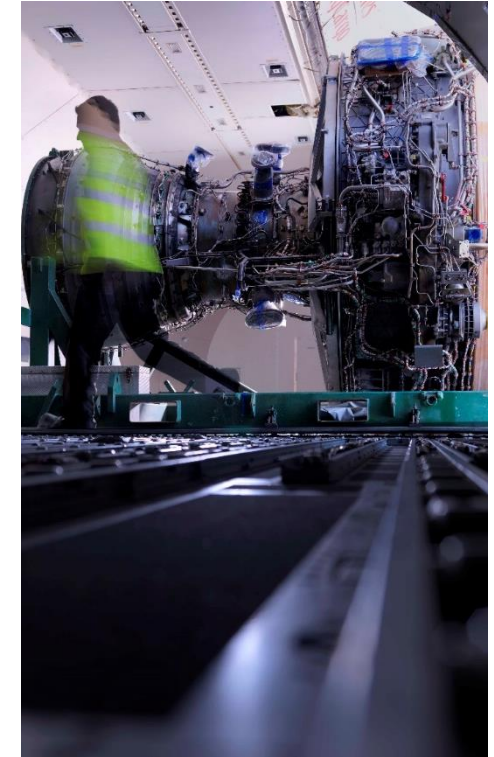
Reduced personnel costs – time required to perform physical inventories significantly reduced

Accurate asset accounting and tracking

Improved asset maintenance and utilization statistics

Visibility into employee usage and equipment location





Safety Equipment Tracking

Safety Equipment check requirements

Safety Equipment on board an aircraft with active status (not expired) mandate before a flight.

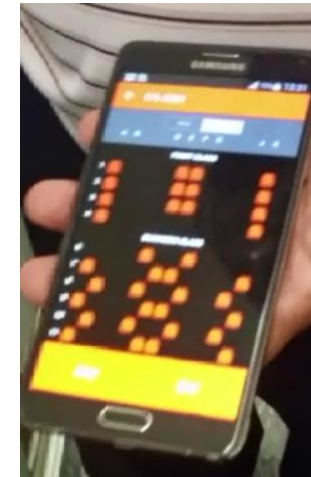
Faster turnaround times for flights with validated count of safety equipment available on board aircraft.

Regulatory mandate to perform daily, weekly, A & C Checks for safety equipment.

Objective is reduce time to perform check, eliminate manual errors, provide digital compliance reports of safety equipment.



RFID tag
on life
jacket





WIP Tracking & Traceability



WIP Tracking system overview

Tracking Parts to optimize turnaround time for service/ repair



1. Parts

Track Parts

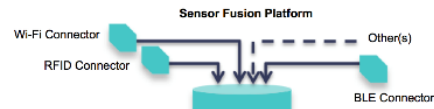


- Parts removed from aircraft
- New parts for replacement



2. Data

Structure the data to be analyzed



ts	obj	sourceID	type	x	y	z
2015-07-02 11:52:12	a	ab:0d:c6:f1:02:03	mobile	122	87	0
2015-07-02 11:52:16	b	ab:0d:c6:f1:02:03	mobile	125	86	0
2015-07-02 13:47:16	b	cE:ad:c6:a2:24:81	RFID	437	-1	0
2015-07-02 13:47:17	a	cE:ad:c6:a2:24:81	RFID	437	-1	0
2015-07-02 13:47:17	c	eF:ad:c6:a2:24:81	RFID	437	-1	0
2015-07-02 13:47:18	d	eF:ad:c6:a2:24:81	RFID	437	-1	0
2015-07-02 13:48:42	a	18:e8:e2:17:rb:02	Wi-Fi	689	392	0

- Fusion of data from multiple RFID readers to EnTrackWIP application platform



3. Process

Use data to change business process



- Locate a missing part, saving time and avoiding delays



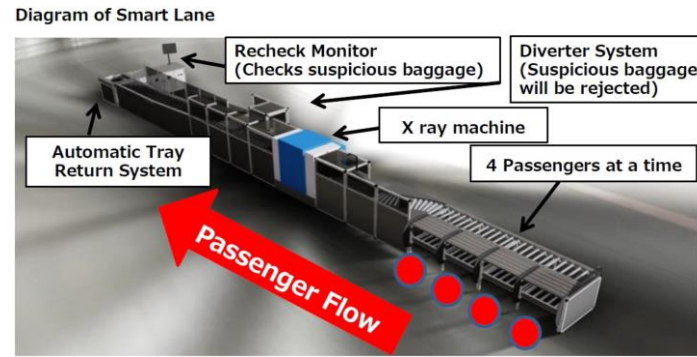
4. People

Change behaviors to drive action



- Shows employees where missing items are
- Warns of potential delays in the process





EnTrackBag:
RFID Enabled Suspect Bag Tracking System
RFID Enabled Suspect HandBag Tray Tracking System

TrackBag: SBTSC Overview



SBTSC (SUSPECT BAGGAGE TRACKING SYSTEM FOR CUSTOMS) IS AN RFID BASED SUSPECT BAGGAGE TAGGING AND TRACKING SYSTEM.



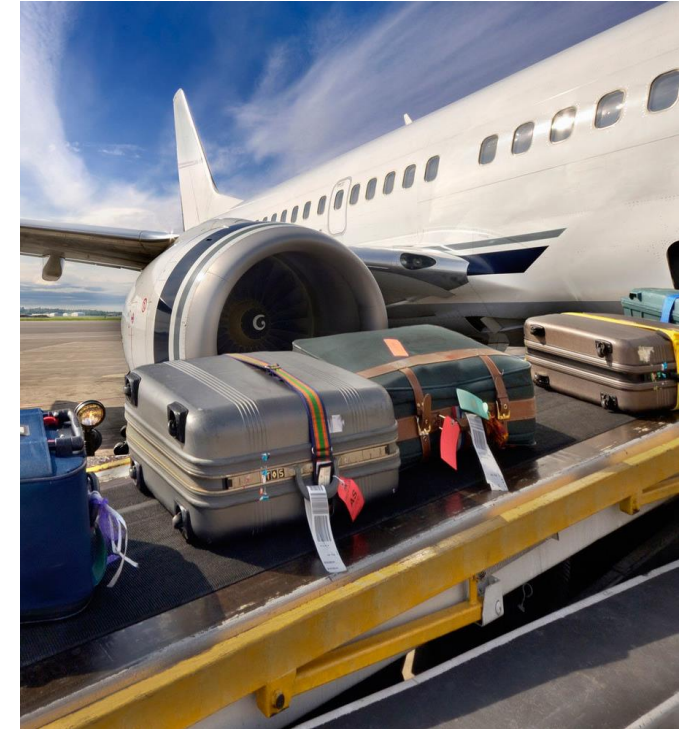
SUSPECT BAGS ARE TAGGED WITH RFID TAG AND TRACKED AT VARIOUS LOCATIONS IN ARRIVAL HALL AND AT CUSTOMS EXIT AREA.



TAGGED BAGS PASSING THROUGH THE CUSTOMS EXIT PORTAL WILL TRIGGER A VISUAL ALERT TO INDICATE SUPERVISOR ABOUT SUSPECT BAG MOVEMENT THRU THE GATE.



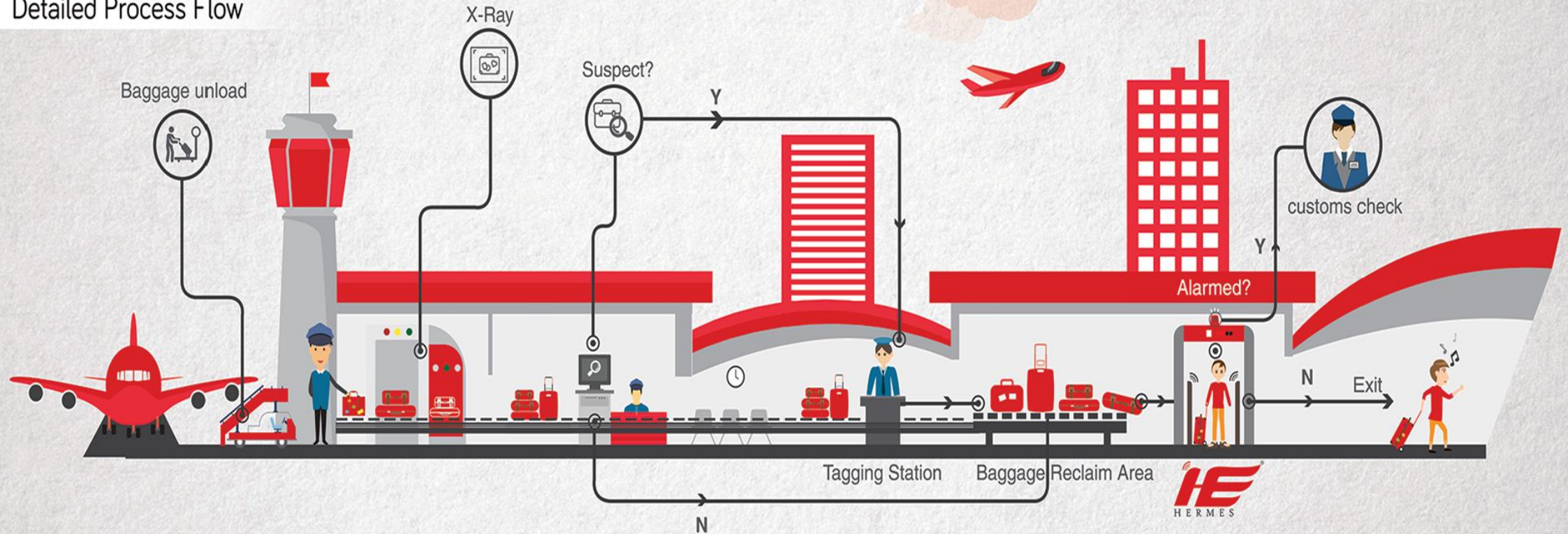
INTEGRATION WITH NOC SYSTEMS TO GIVE A DASHBOARD VIEW TO SOC FOR ALERTS / EVENTS RAISED IN THE SYSTEM.





A Comprehensive SUSPECT BAG TRACKING SYSTEM for enhanced passenger experience

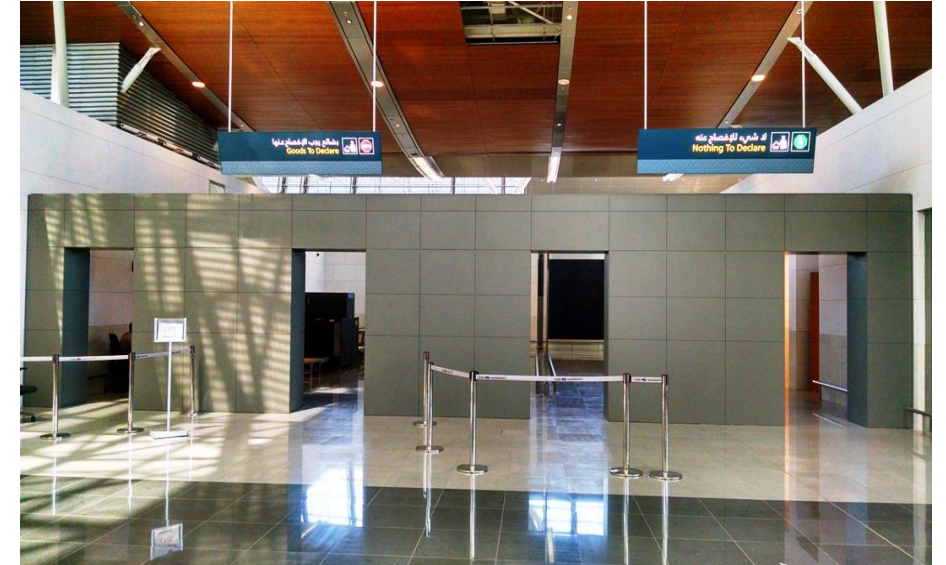
Detailed Process Flow



SMART DETECTION, DELIVERED!



EnTrackBag: RFID Smart gate detection





RFeye

Smart Sensing RFID Technology & Management Consulting
(Marketing & Supply Chain)

Vasih Khan

Chief Executive Officer

vasih@rfeyesolutions.com
www.rfeyesolutions.com

+971 50 940 0786 (AE)
+91 91 6778 0000 (IN)

RFeye Solutions LLC FZE
Shams Sharjah Media City
United Arab Emirates



Aviation Tracking Solutions
