

**Regional Seminar on MRTDs, Biometrics and Identification Management
Sint Maarten, 9-11 July 2013**



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Enhancing Border and Traveller Facilitation using Advanced Passenger Information: a Case for Jamaica

Introduction

- * Jamaica has a population of approximately 3 million
- * There are three international airports
 - * Norman Manley International Airport (Kingston)
 - * Sangster International Airport (Montego Bay)
 - * Ian Flemming International Airport (St. Mary)
- * Total Passengers processed at airports - 4.9 Million (May 2012 to May 2013)

Introduction

- * Norman Manley International Airport (NMIA) accounting for 1.5 Million
 - * 753,000 Incoming Passengers
 - * 753,000 Departing Passengers
- * Sangster International Airport (SIA) accounting for 3.4 Million Passengers
 - * 1.7 Million Incoming Passengers Per year
 - * 1.7 Million Departing Passengers per year

Background

- * In August 2010 the Passport, Immigration and Citizenship Agency (PICA) was mandated by Cabinet to explore the use of technology to improve efficiency at departure immigration operations at both international airports.
- * Hence a solution was developed to change the manner in which out-going immigration is conducted.

Consultative Meeting

- * Consultative meeting were held with stakeholders to develop mutually beneficial solution :
 - * Airlines operators
 - * Airport operators
 - * Tourism interests
 - * The Jamaica Civil Aviation Authority
 - * IATA
 - * International partners
 - * Government Procurement regulatory entities
 - * 3m InterAmerica (BMS Supplier)
 - * SITA Aero (APIS provider)
 - * Police
 - * Ministry of National Security

Project Scope

- * The Project involved airlines submitting APIS data to PICA at passenger “check-in”.
- * The outgoing Immigration function continued, but in a reengineered form through the use of technology.

Major Project Components

- * Integration of APIS data with Jamaica's border management system through the use of technology.
- * Changes to operation and infrastructure at both airports to facilitate the new technology
- * Changes to legislation to ensure compliance by airlines.

Technological Component

The engagement of an APIS provider

- * SITA Aero won the bid for the provision of APIS data. SITA Aero has a closed network that is used by airlines.
- * This required the installation of network equipment and servers to receive and process APIS data being submitted by airlines departing Jamaica to SITA Aero.
- * All airlines that operate in Jamaica submit APIS data to SITA Aero via a SITA Type B address **KINGVXH**.

Technological Component

Modifications to existing Border Management System to create travel events based on valid APIS manifest data.

- * Submitted APIS data is electronically checked against Jamaica's watch list, with a more efficient algorithm being used to detect persons of interest.
- * APIS data submitted is compared, analysed and then committed to the Border Management System (BMS) as a departing passenger travel event.

Technological Component

* Airline Requirements

- * APIS submission to be in UN/EDIFACT format
- * Two APIS submissions per departing flight
 - * Submitted forty (-40) minutes before scheduled departure time
 - * Second APIS data submitted at aircraft door close / gate release
- * An alternate means of submitting APIS data is made available via an e-portal for Non-DCS & DCS airlines in the event of system failure

Operational & Legislative Changes

- * Immigration officers previously deployed at departure immigration re-deployed to arrival immigration.
- * Increased monitoring and roving by immigration officers
- * Smart phones used to disseminate information to roving officers
- * Phased removal of outgoing immigration booths
- * Existing legislation being revised to increase fines for non-compliant airlines.

“Go-Live”

- * System went into production with seven (7) compliant airlines:
 - * On December 28, 2012 at Sangster International Airport
 - * On January 9, 2013 at the Norman Manley International Airport

Current Status

* As at May 2013

* 96% of the Regular Scheduled Airlines are compliant.

American Airlines	United Airlines	Westjet Airlines
US Airways	JetBlue Airways	British Airways
Delta Airways	Cayman Airways	Caribbean Airlines
AirTran Airlines	Spirit	AirTransat
Copa Airlines	Virgin Atlantic	

* This accounts for 94% of the passenger being processed via APIS.

Benefits of Project

At Outgoing:

- * Decrease in waiting time :
 - * Time and motion survey conducted by Airport operator at SIA shows 8 minutes reduction from 14 minutes to 6 minutes (for Immigration and security screening)
- * No flight delays due to the new immigration processing
- * More time for passengers to explore airport facilities - shops
- * Potential 150% increase in passenger facilitation capacity at outgoing immigration
- * Improved travelling experience of passengers

Benefits of Project

Arrivals:

- * 26% increased processing capacity as officers from Departure deployed to Arrival at SIA – from 30 to 38 booths
- * 33 ¹/₃% increased processing capacity at NMIA – from 18 to 24 booths



THANK YOU

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