

# MACH-SMARTVIEW®

Secure Visualization  
and Audit Trail



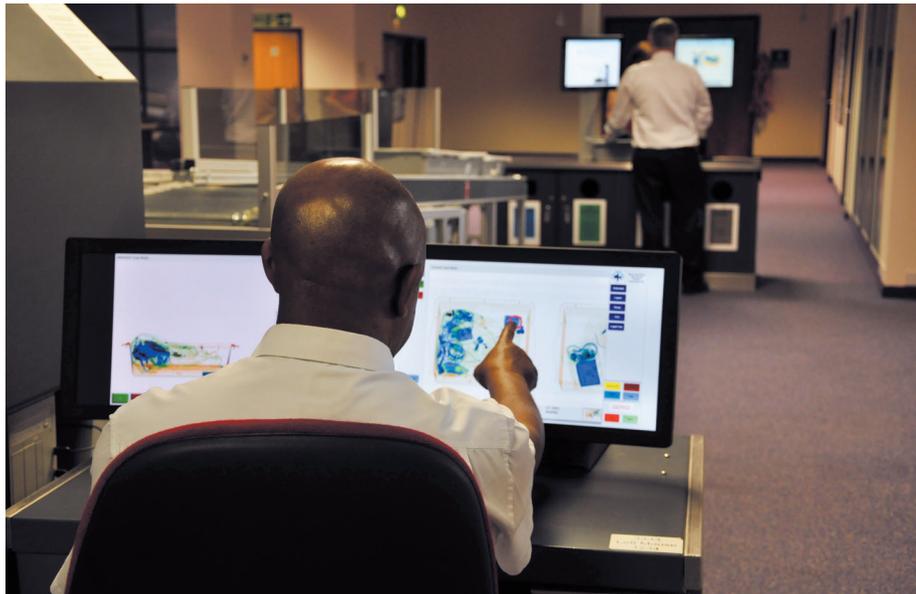
## A secure screen and search audit trail solution

The screening of passengers and their baggage at airports and other transport terminals now involves more rigorous inspections including restrictions on what can be personally carried onto airplanes such as liquids, aerosols, and gels.

The need to screen ever larger numbers of passengers without delay and disruption is a daily challenge faced by regional, national and international airports worldwide.

It's clear to see how changes in security measures and regulations can impact some airports more than others. The growth in passenger traffic and associated costs of upgrading screening facilities brings its own financial and operational pressures.

Mach-SmartView provides a fully customizable solution that delivers fast, efficient, secure and accurate searching of threat baggage. Irrespective of size, Mach-SmartView can assist airports to make certain that their passengers pass through a controlled, efficient and securely managed airport environment and passenger satisfaction remains high.



## CHECKPOINT DIRECTIVE SEARCH FACILITY

- › Reduces queue waiting times to maintain high passenger throughput
- › Improves operational efficiency
- › Effective threat targeting in passenger baggage
- › Automates process between screening and search activities
- › Provides audit trail facility for threat items
- › Enhances overall public safety, security and service
- › Incorporates the ability to security profile passengers
- › Ability to determine usage of checkpoint system by airline
- › Ability to provide unclaimed item pickup service
- › Seamless integration into MachSecure® portfolio

## **MACH-SECURE ADVANTAGE.**

Mach-SmartView is a scalable solution that provides rapid return on investment, efficient management of screening and search facilities and a greatly improved passenger experience.

Mach-SmartView is designed to be integrated with the world's leading manufacturers of checkpoint X-ray machines and can be configured for local or remote screening. Its modular concept and server client architecture ensures future expansion is a simple matter of adding search clients' to the Mach-Secure network.

### **Efficient Operations:**

#### **SECURE THROUGHPUT**

Mach-SmartView addresses the security requirements and challenges of achieving faster passenger throughput at airports by allowing the screener to tag suspected threat items on both the X-ray image and photo image of the tray content. On completion of the X-ray process, the tagged images are securely stored.

Upon arrival at the search table, the tray is scanned and associated images are displayed for the searcher to validate.

This automated process eliminates the need for verbal instruction between operators, avoiding communications errors and delays in the screening and searching processes.

The positive identification of a potential threat and its position within the bag, directs the searcher to the exact position to be searched, speeding up the entire search process.

### **Data capture:**

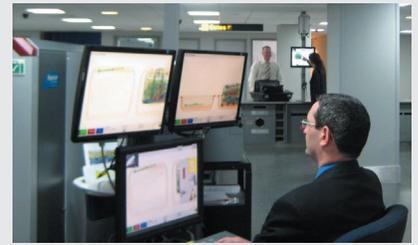
#### **VALIDATION**

As part of the search table process, Mach-SmartView can capture data from a passengers boarding pass for the validation of service agreements between airport and airlines, to alert them of any anomalies.

Captured data can also be logged to respective individual airlines via a simple touch-screen command.

The visual location of the threat item is quickly identified for the passenger to disclaim or the searcher to clear.

The searcher ends the process by confirming the results via a simple touch screen command on the Mach-SmartView monitor.



**Mature Platform:**

**HIGHLY CONFIGURABLE**

Mach-SmartView's modular concept and server client architecture ensures future expansion is a simple matter of adding search client's to the Mach-Secure network. The search monitor can be configured to multiple screening machines providing an efficient and cost effective solution at a shared search table.

Mach-SmartView screens exhibit aides and multi-language questionnaire functionality to help make the passenger's checkpoint search experience as simple and as stress free as possible creating a more positive passenger experience and speeding up passenger throughput within the security checkpoint environment.

Both screener and searcher are logged on to the Mach-SmartView system, enabling suspected threat item selection and search validation data to be recorded and linked to operatives.

Mach-SmartView 'time & date' stamps screener and searcher events as one along with all tray content photos and X-ray images. This data presents a complete audit trail throughout the outbound operation and data is shared with Mach-SEMS for further examination if required.



SEMS - [Demo Version] Wed 24 June 2009 11:33

SEMS® Security, Efficiency & Management System Logged On: User No. 003

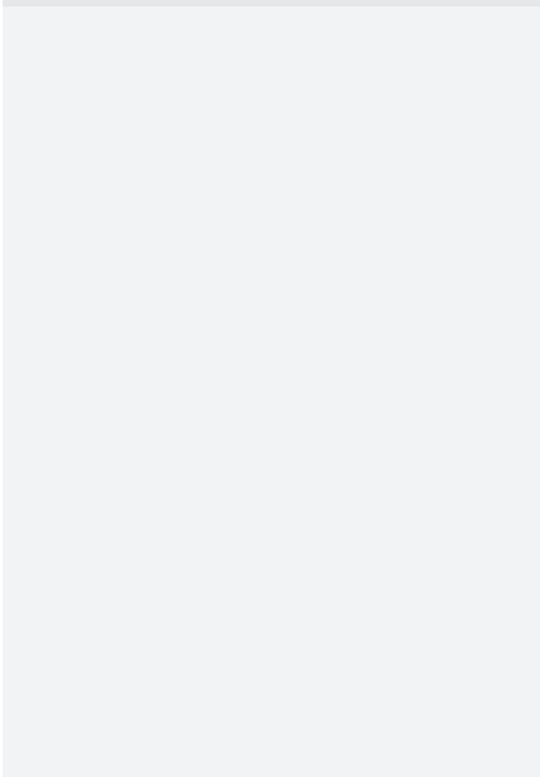
**Mach-SmartView®**  
Suspect Item Log

Date	Time	Lane	Category	Action	Searcher ID	Show Image
19 June 2009	09:14:34	008	Liquid	Disclaimed	0001456	S:\Mach-Secure\Mach-SmartView\399830.3851157407407418.jpg
19 June 2009	09:13:56	003	Shapes	Disclaimed	0001311	S:\Mach-Secure\Mach-SmartView\399830.3846759259259263.jpg
19 June 2009	09:12:12	006	Misc.	OK	0001477	S:\Mach-Secure\Mach-SmartView\399830.3834722222222226.jpg
19 June 2009	09:11:44	001	Tip	OK	0001412	S:\Mach-Secure\Mach-SmartView\399830.3831481481481481.jpg
19 June 2009	09:10:32	008	Liquid	Disclaimed	0001456	S:\Mach-Secure\Mach-SmartView\399830.3823148148148158.jpg
19 June 2009	09:10:04	004	Tip	OK	0001387	S:\Mach-Secure\Mach-SmartView\399830.3819907407407414.jpg
19 June 2009	09:07:33	004	Liquid	Disclaimed	0001387	S:\Mach-Secure\Mach-SmartView\399830.3802430555555564.jpg
19 June 2009	09:07:04	003	Tip	OK	0001311	S:\Mach-Secure\Mach-SmartView\399830.3799074074074073.jpg

Shift Start Time: 05:00  
Current Shift Time: 11:33  
Time In Shift: 06:33

Return To Previous

Mach-SmartLane Mach-SmartView Mach-SmartGate Mach-SmartAccess Mach-SmartVision Mach-Sense



## **MACH-SECURE INTEGRATED AIRPORT SECURITY SOLUTIONS**

The Mach-Secure suite of products and systems will dramatically increase the overall efficiency of an airport's security systems while enhancing the passenger experience and lowering the operational costs.

- › **Mach-SEMS®** Security Efficiency Management System
- › **Mach-SmartLane®** Automated screening of PAX carry-on bags
- › **Mach-SmartARCS®** Airport Regulatory Compliance System
- › **Mach-SmartView®** Checkpoint directive search facility
- › **Mach-SmartViewMatrix®** Centralized X-ray security screening
- › **Mach-SmartAccess®** Intelligent access control
- › **Mach-SmartSense®** Personnel tracker
- › **Mach-SmartGate®** PAX validation to proceed through gate
- › **Mach-SmartRoster®** Integrated workforce management system
- › **Mach-SmartBRS®** Baggage Reconciliation System
- › **Mach-SmartSAC®** Security audit and sortation system
- › **Mach-SmartRegister®** PAX/airline spend profile and PAX locator
- › **Mach-SmartTutorial®** In-situ security training in X-ray image analysis
- › **Mach-SmartPredict®** Forecasting and planning solution for airport assets
- › **Mach-SmartPupil®** Security vigilance monitoring system
- › **Mach-SmartDrop®** Automated passenger bag drop
- › **Mach-SmartFlow®** Queue analysis management system
- › **Mach-SmartCargo®** Cargo streamlining and security compliance
- › **Mach-SmartCore®** Security scanner performance data
- › **Mach-SmartMotion™** Intelligent software simulation of PAX flow

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