Centralized X-Ray security screening system

Tougher security measures, higher passenger numbers and growing disregard to the packing of permitted such as liquids, aerosols, and gels. by travellers is presenting a whole new set of challenges for senior airport executives in charge of airport security.

Airports large and small are confronted with a shared concern of how to enhance the passenger experience while at the same time respond to the need for increased vigilance in their security screening operations.

Mach-SmartViewMatrix helps achieve, or, enables achieving a more secure screening environment, improved passenger throughput and an enhanced passenger experience.

Adopting a centralized security screening system provides for better asset utilization. Images can be viewed and analysed without the need for screening officers to be physically located next to the equipment. Bottlenecks in passenger throughput are reduced and data collected can be used to inform future operational decisions and drive improved performance management.

CENTRAL SCREENING TOOL TO IDENTIFY AND PRIORITIZE INTERVENTION ACTION

› Airport group and terminal centralization
› Airport terminal centralization
› Seamless integration between screening room and checkpoint security areas
› Centralization of screening terminals
  › Outbound passenger security screening
  › Staff access security screening
  › Hold baggage security screening
› Centralized control room benefits
  › Increase in security compliance
  › Increase in resource and throughput efficiencies
  › Decrease in capital expenditure
MACH-SECURE® ADVANTAGE.

Mach-SmartViewMatrix provides a fully integrated centralized screening system that provides rapid return on investment, better asset utilization and improved performance management.

DATA CAPTURE, TRANSFER AND STORAGE

› Tray X-ray image
› Security personnel log on details
› Tray counts
› Threats selected by screener
› Threats found and selected by searcher
› TIP images (missed/found)
› Transaction date & time stamp
› Tray journey time
› Airline information
  › Statistic report by threat/time/percentage analysis
  › Passenger tray correlation
› System fault reporting
FULL MACH-SMARTVIEW® FUNCTIONALITY

› RFID secure track and traceability
› Camera image of tray contents available at all stations
› Dual image available at all stations
› Up to 30 configurable threat categories
› Auto reject of trays – can be configured to suit regulatory requirements

SYSTEM FEATURES

› Independent solution compatible with all leading X-ray manufacturers
› Ability to matrix multiple X-ray manufacturers
› Dual or single image matrix capability
› Full back up to local screeners to offset any server or network failure
› Full analyst station control functionality
› Intelligent matrix decision enhancement process
› High threat image – super screener/supervisor oversight capability.
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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