Comprehensive monitoring and control of entire checkpoint facility

The capability to successfully integrate security applications and data remains critical to an airport’s success. The Mach-Secure® product family is made up of hardware and software applications that seamlessly interfaces into the all-encompassing Mach-SEMS networking solution, to offer a fully integrated analysis system for the complete checkpoint security facility.

Every member of the product family reports live data into Mach-SEMS for dynamic decision and historical data analysis to ensure the efficient management and control of the complete checkpoint security facility.

Its seamless integration allows management and senior operatives to have full visibility of the total checkpoint process and view the relationship of multiple events as they relate to their security and compliance environment.

The utilization of Mach-SEMS will enable security operatives to instantly detect what is happening and to investigate events further with correct tools to take further decisions and choices if necessary with greater certainty.
Managers can access appropriate data for more in-depth analysis not only of operations at their own site but also measure how service level agreements associated with equipment suppliers, service providers and airlines are being fulfilled.

Mach-Secure Integrated Applications

Central to Mach-SEMS successful deployment are its partnerships with leading manufacturers of CCTV equipment for Mach-SmartVision®, RFID systems for Mach-SmartSense®, CT detection systems for Mach-SmartLane®, and ID recognition equipment for Mach-SmartAccess® all of which have been designed to integrate seamlessly into the Mach-SEMS product.

The Mach-SEMS modular design offers a scalable approach to any size of checkpoint facility and can be retrofitted to existing systems.

The availability of a standardized framework that encourages uniformed practices across the wider airport environment will enable both small and larger airports to enjoy significant cost savings and exert greater control over their security operations.
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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