

MACH-SMARTBRS®

Scalable Baggage
Reconciliation System



A secure screen and search audit trail solution

It is widely acknowledged that improving the baggage handling process can make a difference to a traveler's experience and their perception of the airports and airlines they choose.

The Mach-SmartBRS system offers a rich baggage reconciliation solution that satisfies the requirements of International Civil Aviation Organization (ICAO) Annex 17 reconciliation services and interfaces to airport departure control systems (DCSs) as well as SITA and ARINC standards.

The system can be configured to suit users adopting Wi-Fi or 3G/4G mobile for airport-wide communications. Online and offline capabilities provide reliable synchronisation of data between airport operatives and devices.

The deployment of Mach-SmartBRS offers improved baggage reconciliation operations for both small, large and more complex airports plus tangible improvements in passenger satisfaction ratings.



BAGGAGE RECONCILIATION SYSTEM

- › Scalable solution for small to larger complex airports
- › Full baggage audit trail inclusive of security status results
- › Complete dynamic baggage location
- › Rush bag / problem bag facility
- › Interfaces to Mach-Secure® portfolio offering major operational benefits
 - › Early authorization of plane loading
 - › High profile passenger-baggage screening
 - › Immediate baggage location from check-in to plane

MACH-SECURE ADVANTAGE

The Mach-SmartBRS offers a fast, efficient, secure and fully-integrated baggage reconciliation solution.

Enhanced Security:

UNMATCHED DETECTION

Mach-SmartBRS solution offers full visualization of a bag's location from its initial point of check-in and throughout its entire journey within the hold baggage transportation and baggage security screening systems. Supervisors and operators can query a bag location at any time within the hold baggage process.

RISK BASED BAGGAGE

Rush baggage/problem bags can be immediately highlighted to baggage and operations staff and when utilized with Mach-SmartSAC®, high profile flights and or passengers can be automatically diverted to high security screening.

Efficient Operations:

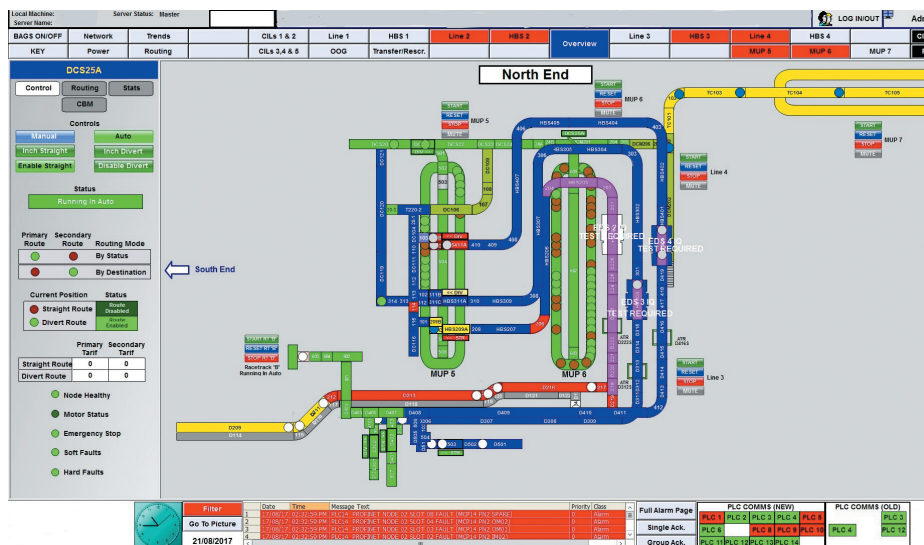
HIGH THROUGHPUT

Combined with the deployment of Mach-SmartAccess® — intelligent boarding pass access gate — additional enhancements to the baggage reconciliation process are gained, notably early authorization of baggage loading offering a 99.9% confidence factor of passengers boarding the plane. The final 0.1% verified at the boarding gate.

Improvements gained by the utilization of the Mach-SmartBRS baggage reconciliation solution will assist airports large and small to deliver improvements to their passenger's experience and secure reductions in flight delays due to poor reconciliation practices, all of which contribute towards quantifiable cost savings.

MACH-SMARTBRS BAGGAGE RECONCILIATION

- › Full bag trace capability
- › Full bag/can capability
- › Asset tracking capability
- › Full re-flighting capabilities
- › Designation by class capability
- › Early bag management tools
- › ULD trailer management functions
- › KPI data
- › Efficiency loading statistics



MACH-SMARTBRS OFFERS SECURE, EFFICIENT AND ACCURATE RECONCILIATION OF PASSENGER AND BAGGAGE AT AIRCRAFT LOADING

Mach-SmartBRS offers secure, efficient and accurate reconciliation of passenger and baggage at aircraft loading.

Mach-SmartBRS solution provides tools for the management of exception baggage such as gate, diplomatic, crew etc. and permits processing of group baggage.

The baggage reconciliation solution incorporates web browser interface capability and offers comprehensive reporting functionality, complete with statistical analysis for management and service level agreement reporting. The capability to collect and generate statistical load summary and traffic statistics for integration with airport operational database billing is a standard feature.

MACH-SMARTBRS PASSENGER RECONCILIATION

- › Maintains real-time final matched passenger/ baggage manifest for each flight in reconciliation (AAA mode)
- › Collects passenger authorization baggage source message data from airline DCS systems (AAA mode)
- › Maintains real-time passenger manifest for each scheduled flight
- › Collects details of scheduled flight (FIDS) and open flights for automatic updates
- › Maintains real-time baggage manifests for each open flight
- › Multi-lingual GUI's for ease of operation



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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