



# Mach-SmartLane™



## Checkpoint Automated Tray Handling

- Improves operational efficiency
- Reduces queue waiting times and congestion
- Enhances overall public safety, security and service
- Significantly reduces security checkpoint personnel manning levels
- Cost effective - rapid return on capital investment
- Provides outstanding value and performance
- Ergonomically designed for public and security personnel use
- Deployed in a number of international airport terminals

# Mach-SmartLane™

## A Revolution in Checkpoint Security



- > The modular construction and flexibility of the Mach-SmartLane™ system allows for each individual application to be designed and configured to produce an almost infinite number of layouts to suit each application - a real benefit for installations where space is restricted or constrained.

- > Mach-SmartLane™ is designed to be integrated with the world's leading manufacturers of checkpoint X-ray machines. The Mach-SmartLane™ provides a seamless interface to the X-ray machine to ensure controlled entry and exit and subsequent optimisation of imaging and X-ray machine performance.



- > Fully CE certified, Mach-SmartLane™ has been ergonomically designed to ensure easy loading and unloading of hand baggage. A simple and effective automated tray return facility increases throughput rates whilst eliminating the need for repetitive and time consuming manual handling of trays by checkpoint personnel.



- > Such is the reliability of Mach-SmartLane™ high system availability is assured. No specialist skills are required to maintain a Mach-SmartLane™ system. An easy to use visual display provides meaningful and accurate information which enables the user to learn the system quickly and to use it efficiently.



- > Mach-SmartLane™ automates the transportation of hand baggage securely through the checkpoint process in a controlled manner eliminating the stressful experiences normally associated with conventional checkpoint systems.

- > The new Mach-SmartLane™ addresses the security requirements and problems of the transport industry globally and satisfies these objectives with a totally integrated system that offers fast, efficient, secure and accurate screening of hand baggage.

With passenger satisfaction being of paramount importance, it has been recognised that the passenger experience is significantly enhanced when presented with the controlled, secure and managed environment that the Mach-SmartLane™ solution guarantees.

Growing numbers of passengers mean that the challenges we face today will be greater tomorrow – Mach-SmartLane™ is a scalable solution which is designed to cope with major increases in passenger traffic.

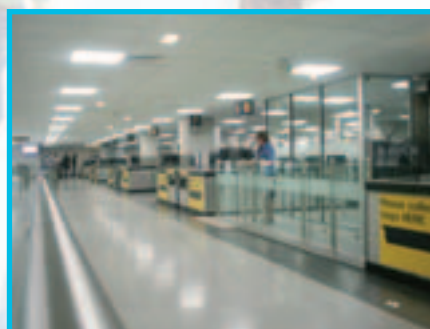


- > Conventional checkpoint systems are labour intensive. Checkpoint personnel are often under intense pressure to speed up the screening process. Mach-SmartLane™ not only reduces the manning levels required it also enables checkpoint personnel to process more people in a secure and controlled environment.

- > Conventional checkpoint systems can experience security issues with passenger access to un-cleared baggage, thus potentially introducing a major security risk. Mach-SmartLane™ ensures only screened and security cleared hand baggage are accessible to the public.



- > The baggage trays are an intrinsic part of the Mach-SmartLane™ system. The baggage trays have been designed and manufactured to cope with known day to day operational challenges.



- > Mach-SmartLane™ utilises proven technology. A large number of Mach-SmartLane™ systems have been deployed and are operational in real airport environments providing a measurable increase in passenger throughput, and an improved and secure working environment for checkpoint personnel.

# Mach-Secure™ - Integrated Checkpoint Security Solutions

- > The Mach-Secure™ suite of innovative products and systems has been specifically designed for security checkpoint applications. These dedicated products and systems address the day to day operational and financial challenges faced by today's modern businesses. The Mach-Secure™ suite of products and systems will increase the overall efficiency of a total security checkpoint application whilst lowering the operational costs. For the first time Mach-Secure™ introduces a totally integrated system solution to the checkpoint security environment.

## Mach-Secure™ Checkpoint Products:

- Mach-SmartLane™ - Automated Tray Handling
- Mach-SmartView™ - Remote Search Facility
- Mach-SmartGate™ - Passenger Automated Gates
- Mach-SmartVision™ - Integrated CCTV
- Mach-SmartSense™ - Personnel Tracker
- Mach-SmartAccess™ - Personnel Access Control
- Mach-SEMS® - Security Efficiency Management System

The Mach-Secure™ suite of products and systems offers a coherent, structured and centrally controlled solution to provide the security checkpoint of the future.



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