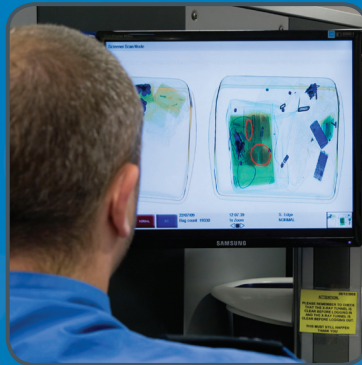


RAPISCAN

OPTIMISED CHECKPOINT

THE CHECKPOINT OF THE FUTURE, TODAY.



Rapiscan[®]
systems

An OSI Systems Company

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY

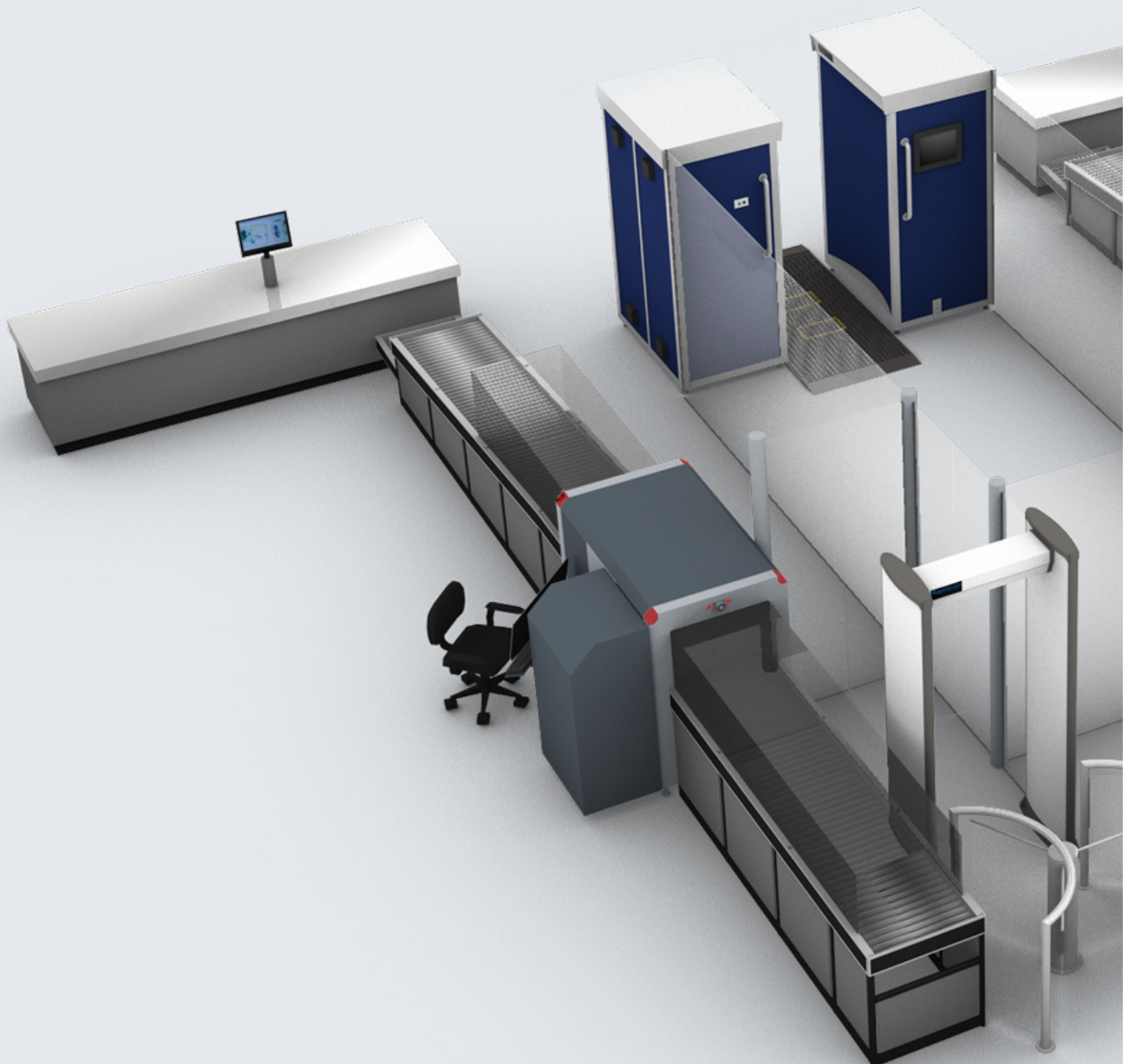
RAPISCAN OPTIMISED CHECKPOINT

A modern checkpoint must be qualified to the latest regulations, cost effective, throughput efficient and passenger friendly in order to keep costs down and maximize potential revenues in the airport.

Rapiscan Optimised Checkpoint solutions can maximize efficiency and reduce operating costs while maintaining the highest security standards in your airport.

Checkpoints developed in collaboration with airports.

- ECAC and TSA Qualified Technology
- Efficient Screening Processes
- Lower Total Operating Costs
- Improved Passenger Experience



Aviation specific solutions for maximum effectiveness.

Leading Edge Technology

- *Advanced Technology X-ray for baggage to meet today's and tomorrow's global standards*
- *The latest in People Screening, both metal detection and imaging technologies*
- *Automated passenger processing components to reduce waiting times*

Lower Operating Costs

- *Reduce checkpoint lanes, increase airport real estate*
- *Reduce operational costs*

“Rapiscan Systems has been an integral part in developing our efficient, passenger friendly security checkpoints that have led to increased revenues and satisfied travellers.”

Mike Fazakerley, Director of Security and Customer Service, Manchester Airport, Winner 2010 ACI Airport of the Year

Rapiscan[®]
systems

An OSI Systems Company

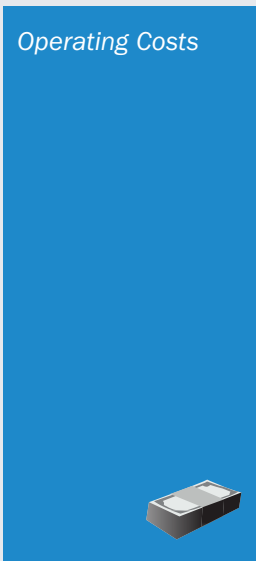
Without Optimisation



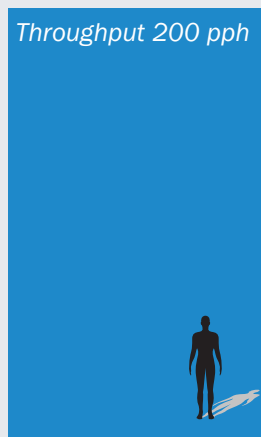
Each Lane

- *Average Passenger Throughput: 200 per hour*

Operating Costs



Throughput 200 pph



Rapiscan[®]
systems

An OSI Systems Company

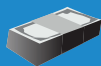
With Optimisation



Each Lane

- Average Passenger Throughput: 235 per hour

Operating Costs



**50% Decrease
in Operating
Costs**

Throughput 235 pph



**17.5%
Increase in
Throughput**

“By using better technology we were able to deploy fewer resources per search lane which made security more efficient, less cluttered and less busy.”

Mike Fazakerley, Director of Security and Customer Service, Manchester Airport, Winner 2010 ACI Airport of the Year

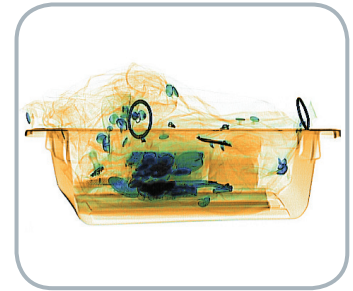
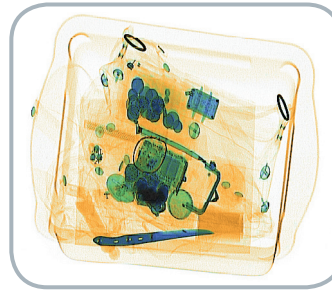
Advanced Technology

Improved Throughput

**Approved and Deployed at
Top Airports Worldwide**

RAPISCAN OPTIMISED CHECKPOINT

RAPISCAN 620DV



The 620DV's Dual-View imaging increases the operator's ability to identify potential threats.



RAPISCAN

620DV

Dual-view imaging, enhanced threat detection and outstanding reliability from the leader in Advanced Technology security screening solutions.

Featuring a 640 mm wide (25.2 in) by 430 mm high (16.9 in.) tunnel, the 620DV (Dual-View) is an Advanced Technology, aviation approved for use, checkpoint screening system that offers unsurpassed security, performance and value. Deployed at top airports and other critical locations worldwide, the 620DV combines Advanced Technology explosives detection, powerful networking capabilities, an intuitive user interface and industry-leading dual-view image quality.

Dual-View Threat Detection

The 620DV innovative dual-view X-ray imaging capability scans briefcases, carry-on baggage, laptops, small cargo parcels and a wide range of other objects and generates two high-definition images at perpendicular angles, thus increasing the operator's ability to visually identify potential threat items. The 620DV's innovative Target™ automatic threat and contraband detection assist technology search X-ray images for targeted materials and pinpoint potential threat items.

Modular, Reliable, User-Friendly Design

The 620DV is designed to provide the best possible security and value for the most demanding requirements. The 620DV's OS600 software is feature-rich and user-friendly, while its ergonomic, modular and energy-efficient design makes the 620DV easy to integrate into existing checkpoint facilities.

US Transportation Security Administration (TSA) and UK Department for Transport (DfT) Approved for Use

The 620DV meets the stringent standards set by both the US and UK regulators.

Rapiscan®
systems

An OSI Systems Company

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY

**Comprehensive Threat
Detection**

**Optimized Checkpoint
Throughput**

TSA Qualified

RAPISCAN OPTIMISED CHECKPOINT

RAPISCAN SECURE 1000 SINGLE POSE



RAPISCAN SECURE 1000 SINGLE POSE

The Secure 1000 Single Pose combines unparalleled threat detection with optimized throughput.

The Secure 1000 Single Pose uses backscatter technology as well as Rapiscan proprietary image processing software and an operator-friendly interface to rapidly and comprehensively screen passengers for a wide range of potential threats including liquids, contraband, ceramics, explosives, narcotics, concealed currency and weapons.

Secure 1000 Single Pose Highlights:

- **Front and Back Scanning for Comprehensive Threat Detection:** The Secure Single Pose generates a front and back scan simultaneously, which eliminates blind spots and potential opportunities for concealment, thereby increasing checkpoint security.
- **Advanced Imaging Detects Range of Threats:** The Secure 1000 Single Pose can detect small objects and threats concealed on a passenger. It can detect organic and inorganic threats, metals and non-metallic objects. With one system, customers can detect concealed liquids, ceramics, weapons, plastic explosives, narcotics, metals, contraband, currency etc.
- **Single Pose Configuration Streamlines Checkpoint Operations:** Because the Secure 1000 Single Pose requires only one pose with no additional movement by the passenger, a full scan can be completed in seconds, thereby streamlining checkpoint operations and improving passenger satisfaction.
- **US TSA Qualification:** The US TSA has tested, evaluated and qualified the Secure 1000 Single Pose for aviation checkpoints. The Secure 1000 Single Pose complies with U.S. and international health, safety and privacy requirements.

Rapiscan[®]
systems

An OSI Systems Company

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY

**Qualified Aviation
Metal Detection**

**Automated and
Advanced Features
for Enhanced Security**

RAPISCAN OPTIMISED CHECKPOINT

METOR 300 EMD



*Metor 300 EMD
detects any
metal threat.*

METOR 300 EMD

The Metor 300 EMD has been designed using the latest technology to meet the needs of civil aviation.

When designing the Metor 300 EMD special attention has been paid on speeding up the security check process. Today, with increased security requirements it is essential to use solutions that security people can rely on and operate efficiently without compromising the security.

High Security Throughput

The Metor 300 EMD has an excellent discrimination of shoe shanks, belt buckles and other harmless items, thus reducing the nuisance alarm rates and in turn improving the throughput. This does not compromise the detection of threat objects including knives.

Reliable Location Of Threats

To assist security personnel in locating threat objects quickly and reliably, the Metor 300 EMD has two zone displays.

Pacing The Passenger Flow

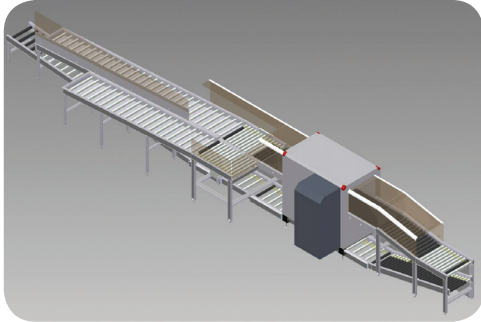
Passengers tend to pay attention to the upper part of the metal detector when walking through it. Therefore in the Metor 300 EMD there are clearly marked traffic lights on the cross-piece to optimize traffic flow and further speed up throughput.

Rapiscan[®]
systems

An OSI Systems Company

Reduces Queue Waiting Times and Congestion
Improves Efficiency while Reducing Operational Costs

RAPISCAN OPTIMISED CHECKPOINT RAPISCAN SMARTLANE™



RAPISCAN SMARTLANE™

Rapiscan SmartLane™ is a scalable Automatic Tray Handling solution which is designed to cope with major increases in passenger throughput at the aviation checkpoint.

Rapiscan SmartLane is designed to be integrated with the U.S. TSA, UK DfT and ECAC Qualified Advanced Technology checkpoint X-ray screening systems. When combined with the Rapiscan 620DV a dual-view system, passenger throughput increases for a seamless checkpoint.

Designed for Efficient Screening Lanes

The Rapiscan 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.

Modular Design for Configuration Flexibility

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

Enhanced Passenger Experience

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

Proven in the Field

A large number of Rapiscan 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.

Rapiscan[®]
systems

An OSI Systems Company

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY

**Effective Threat Targeting
in Passenger Baggage
Improves Efficiency while
Enhancing Passenger
Experience**

RAPISCAN OPTIMISED CHECKPOINT RAPISCAN SMARTVIEW™



RAPISCAN SMARTVIEW™

Rapiscan SmartView™ the secure visualisation and audit trail system when integrated with a Rapiscan X-ray machine enhances secondary search processes and improves checkpoint efficiency.

Rapiscan SmartView is designed to be integrated with the U.S. TSA, UK DfT and ECAC Qualified Advanced Technology Rapiscan 620DV or 620XR checkpoint X-ray screening systems. The Rapiscan SmartView provides an seamless visual interaction from the 620DV or 620XR main operator to a secondary screening station for an efficient checkpoint.

Configure for Multiple Screening Lanes

Rapiscan SmartView™ search monitor can be configured to multiple screening machines providing an efficient and cost effective solution at a shared search table.

Multi Language Resolution Interface

Rapiscan SmartView™ visual screen aides and multi language questionnaire, significantly enhances passenger experience and throughput.

Information Management

Both screener & searcher are logged on to Rapiscan SmartView™ enabling suspected threat item selection and search validation data to be recorded and associated to operatives.

Rapiscan®
systems

An OSI Systems Company

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY

Checkpoint Access and Exit Gates

Improves Checkpoint
Throughput while
Reducing Costs

RAPISCAN OPTIMISED CHECKPOINT — RAPISCAN SMARTGATE™



RAPISCAN SMARTGATE®

Rapiscan SmartGate® automatically routes passengers through the checkpoint in an orderly and controlled manner, optimising passenger throughput and security personnel resources.

Entry turnstiles marshal passengers through the primary screening process one at a time. Dependent upon the primary screening decision, passengers are routed through automated exit door to a secure holding zone for secondary screening or through the clear exit door to reclaim personal items.

Lower Total Operating Costs

With the Rapiscan SmartGate employed at the checkpoint, previously manned tasks are automated saving on day to day operational costs.

Scalable Components

Rapiscan SmartGate® is a scalable solution which is designed to cope with major increases in passenger traffic.

Rapiscan®
systems

An OSI Systems Company

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY

RAPISCAN OPTIMISED CHECKPOINT

THE WORLD'S LEADER FOR
EFFICIENT, EFFECTIVE SECURITY

With over 70,000 systems deployed in over 100 countries, Rapiscan Systems is the global security solutions provider of choice to governments and companies worldwide. Rapiscan Systems is an ISO 9001:2008 certified company. Rapiscan products have received certifications from government agencies including the European Civil Aviation Conference (ECAC), the U.S. Transportation Security Administration (TSA), and the UK Department for Transport (DfT). All Rapiscan products are backed by a worldwide training, maintenance and service organization which is available to customers 24/7.

Rapiscan[®]
systems

An OSI Systems Company

AMERICAS, CARIBBEAN

2805 Columbia Street
Torrance, California 90503
UNITED STATES of AMERICA
Tel: +1 310-978-1457
Fax: +1 310-349-2491

EUROPE, MIDDLE EAST, AFRICA

X-Ray House
Bonehurst Road
Salfords
Surrey RH1 5GG
UNITED KINGDOM
Tel: +44 (0) 870-7774301
Fax: +44 (0) 870-7774302

ASIA

240 Macpherson Road
#07-03 Pines Industrial Building
Singapore 348574
SINGAPORE
Tel: +65-6743-9913
Fax: +65-6743-9915

AUSTRALIA

Rapiscan House
4 Ross Street
South Melbourne Victoria
Australia 3205
AUSTRALIA
Tel: +61 3 9929 4600
Fax: +61 3 9929 4655

E-MAIL

sales@rapiscansystems.com

WEB

www.rapiscansystems.com

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice. For additional product specification information, please contact a sales representative.

Open
Security
Screening

www.rapiscansystems.com

ONE COMPANY - TOTAL SECURITY