


AIRPORT PRODUCTS



SECTUSTECHNOLOGIES.COM





Sectus Technologies offers a wide range of equipment including X-Ray Inspection systems, baggage handling systems, and IMS based trace detection equipment featuring state of the art threat detection technologies.

Our team of experts work closely with airports to review their current safety and security plans, provide guidance on new safety measures, the implementation of operation changes, as well as offer tested and proven security solutions to protect public health and safety.

All airport processes from passenger arrival to aircraft turnaround can be reviewed by our team to effectively manage airport security and operations.

SECURITY & INFRASTRUCTURE AIRPORT SOLUTIONS

CHECKPOINT SOLUTIONS

PEOPLE SCREENING/EXPLOSIVE TRACE DETECTION

QPS

Quick Personnel Security Scanner

Delivers high-precision and efficient security control while ensuring an unobtrusive and uncomplicated experience for scanned persons. It consists of a flat panel with thousands of transmitter antennas that emit extremely low-power millimeterwaves in very short succession and just as many receiver antennas.



SPECIAL FEATURES

- Low processing time for highest throughput
- Open architecture
- Easy-to-hold body posture with hands down

IONSCAN600

Portable explosives and narcotics trace detector

IONSCAN 600 is a highly sensitive, non-radioactive, lightweight, portable desktop system that detects and identifies trace amounts of explosives and narcotics.

SPECIAL FEATURES

- Detection and identification in less than 8 seconds
- Simultaneously detects and identifies explosives and narcotics
- Non-radioactive IMS source
- Small, lightweight and portable
- Optional integrated printer
- Single use, disposable sampling swabs
- Approved/certified by ECAC and CAAC



CHECKPOINT SOLUTIONS

ADVANCED X-RAY SCREENING

HI-SCAN 6040 CTiX

Advanced screening using CT technology

The HI-SCAN 6040 CTiX offers advanced screening of carry-on baggage using Computed Tomography (CT). It has TSA AT-2 and CPSS certification as well as ECAC and STAC EDS CB C3 approval. C3 approved systems deliver a very high level of explosives detection and can also scan baggage without removing electronic devices and liquids.



SPECIAL FEATURES

- ECAC and STAC EDS CB C3 approved
- TSA AT-2 TIER II and TSA CPSS certified
- Highest throughput levels through high belt speed (0.2m/s)
- Laptops can remain in bags
- High detection rate and low false-alarm rate thanks to MAT technology
- Easily integrated into existing checkpoints

HI-SCAN 6040-2is HR

Dual view X-ray inspection for carry-on luggage

An advanced dual-view X-ray inspection system for the automatic detection of solid and liquid explosives in checked baggage.

SPECIAL FEATURES

- Compact footprint
- Steel penetration of 35mm
- Flexible design for easier installation
- Dual view technology
- Operator-friendly interface



CHECKPOINT SOLUTIONS

ADVANCED X-RAY SCREENING

HI-SCAN 6040ATIX

X-ray inspection system

An advanced multi-view X-ray system for the automatic detection of solid and liquid explosives in cabin baggage.



SPECIAL FEATURES

- Zeff and density analysis using multiple independent views
- Proven, ergonomic operating concept
- Multi-view technology provides high-resolution, detailed images
- X-ray generator with optimized spectrum
- High-resolution XADA sensor technology
- ECAC certified
- Also available in tunnel size 7555

HI-SCAN 6046si

X-ray inspection system

Produces extremely detailed X-ray images thanks to high-resolution XADA detector modules. The considerably enhanced image resolution of the scanned objects is a decisive advantage for security evaluation.

SPECIAL FEATURES

- Ideal for small or medium airports and building entrances
- Produces extremely detailed X-ray images with XADA detector modules
- 160kV generator can penetrate steel up to 37mm thick
- Easily integrates with iLane checkpoint designs



BAGGAGE SCREENING SOLUTIONS

ADVANCED X-RAY SCREENING

CTX 5800

CT explosives detection system

ECAC Standard 3 approved and TSA certified, the CTX 5800 explosive detection system (EDS) quickly identifies threats in checked baggage.



SPECIAL FEATURES

- Threat detection in a small footprint
- Belt speed 0.14m/s (400-450BPH)
- Unlimited bag length (with curtain extensions)
- Stand-alone and in-line configurations
- Customized networking solutions
- High resolution 3D images from a single X-ray source

CTX 9800 DSi

High speed CT explosives detection system

ECAC Standard 3 approved and TSA certified explosives detection system (EDS) suitable for identifying threats in checked baggage and cargo packages.

SPECIAL FEATURES

- Belt speed 0.3m/sec - 0.5m/sec (up to 1,800BPH)
- Customized networking solutions
- Intuitive user interface
- Efficient power consumption
- High resolution 3D images from a single X-ray source
- Level-1 decision and Level-2 image made before bag exits the machine



BAGGAGE SCREENING SOLUTIONS

ADVANCED X-RAY SCREENING

HI-SCAN 10080 XCT

Advanced CT explosives detection system

Complying with current TSA and ECAC regulations, the HI-SCAN 10080 XCT explosives detection system provides detailed analysis, at industry-leading speeds.



SPECIAL FEATURES

- BTSA Certified for high-speed checked baggage screening
- EU/ ECAC EDS Standard 3.0 and 3.1 approved
- Belt speed of 0.5m/sec (98.5ft/min)
- Throughput of up to 1,800 bags/hour
- Tunnel capable of screening objects 100 x 80cm
- Certified by STAC, DfT

HI-SCAN 100100T-2is

Dual-view scanner for large objects

Featuring a low conveyor belt, the dual-view X-ray HI-SCAN 100100T-2is is designed for screening over sized baggage and bulky freight.

SPECIAL FEATURES

- Optional lithium battery detection
- Ideal for inspecting oversized baggage and freight
- Dual-view shortens inspection times
- Low conveyor belt height allows for easy handling
- Maximum load of 220kg
- HI-MAT Plus technology for better material distinction
- Typical penetration: 35mm of steel (view 2), 37mm (view 1)



FREIGHT & CARGO SOLUTIONS

ADVANCED X-RAY SCREENING

HI-SCAN 145180-2is pro

Advanced dual view X-ray cargo scanner

The Hi_SCAN 145182-2is pro is an innovative air cargo screening system that meets the demand for fast turnaround and high levels of security at an attractively low total cost of ownership (TCO).



SPECIAL FEATURES

- Increases security and efficiency
- Supports fast turnaround
- Excellent penetration and superior image quality
- Easy maintenance access
- Compact footprint

HI-SCAN 180180-2is pro

Advanced dual view X-ray cargo scanner

An X-Ray scanner designed for the inspection of large scale consolidated and palletized goods, ideal for cargo inspection.

SPECIAL FEATURES

- Dual view shortens inspection times
- Beam geometry facilitates the detection of potential threats
- Rugged roller conveyors accepts loads of up to 5 tonnes when evenly distributed
- High-penetration capabilities to avoid disassembly into individual packages



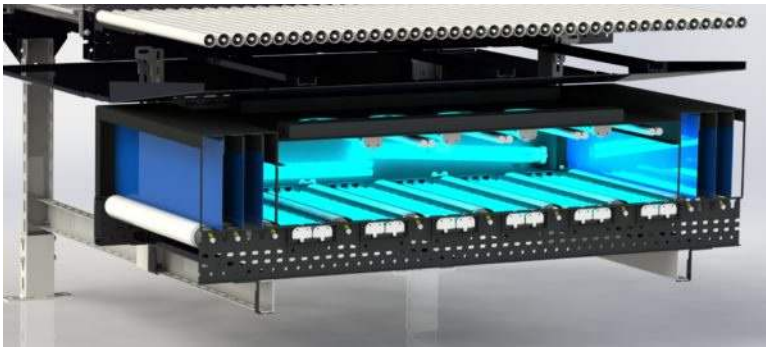
COVID 19 SAFETY SOLUTIONS

PROTECTING PUBLIC HEALTH

UV-LIGHT TRAY DISINFECTION

Standalone module Ultraviolet

With the ability to kill up to 99.9% of bacteria and viruses, the UV-C kits for airports help protect passengers and staff from tactile transmission of contagious viruses.



SPECIAL FEATURES

- Eliminate up to 99.9% of bacteria and viruses on trays
- Easy to fit into existing tray handling systems, regardless of vendor
- No impact on operational efficiency
- Mobile standalone version available
- Optional system status monitoring
- Boasts reliable protection from exposure to UV lights

TEMPORARY CUSHION COVERS

Seat Covers

Encourage physical distancing with retrofittable seat covers that indicate to passengers to leave a seat open.

SPECIAL FEATURES

- White vinyl material with black stitching
- Easy to clean
- Easy to install and remove
- 15" (38 cm) width
- Fits multiple sizes and brands of terminal seating
- Available in packs of 10
- Custom graphics available



CHECK IN SOLUTIONS/SELF-BAG DROP

V1 / VELOCITY ONE

Passenger Self Service Kiosk

Boasting a compact footprint, modern aesthetic and full service capability, the V1 reflects an extensive featureset designed through open dialogue with airport and airline stakeholder teams.



SPECIAL FEATURES

- Compact, full featured kiosk
- 19 Inch floating touchscreen
- Up to 3 printers-BP/BTP Options
- Large 10 inch roll capacity
- Modular design-easy upgrades
- Full page passport reader
- Extensive payment devices

SELF BAG-DROP

Automatic check-In conveyors

A fully integrated, single person touch-point that enables passengers to autonomously check-in and securely drop off their baggage.

SPECIAL FEATURES

- A user-friendly approach
- A modern, flexible design
- A common-use approach
- Unparalleled data analytics
- Unprecedented efficiency



BAGGAGE HANDLING SOLUTIONS

GENERAL TRANSPORT CONVEYOR

High-speed solution for the transportation of passenger bags

The general transport conveyor is a straight belt conveyor used to transport all types of standard baggage and it can be supplied with high side walls or stainless steel cladding to accommodate various uses throughout the airport.

Baggage Tray System (BTS) provides efficient and secure high speed transportation and sortation of passenger bags from check-in counters to baggage make-up areas. Unlike conventional systems where bags are placed directly on conveyor belts, the BTS is a contemporary and modular design system that provides precise handling by transporting bags in individual trays.



SPECIAL FEATURES

- Positive drive with high reliability and ease of maintenance
- Produces soft start up, reducing wear to mechanical components
- Typically 27m/min to suit reclaim and make-up activities
- Reduces maintenance costs and requirements
- Performance of claim conveyor not sacrificed when baggage is “double stacked”.
- Dynamic capacity up to 100Kg/m
- Increases the maximum length of claim conveyor circuit

OTHER AIRPORT PRODUCTS

GO SLEEP PODS

Sleeping pods for airports

Providing passengers a short rest and privacy in public places. GoSleep Pods are safe and certified, fulfilling all necessary fire and safety rules and regulations at the airport environment.



SPECIAL FEATURES

- Rest between flights in full privacy
- Plug&Play installation
- Easy to access to any passenger
- Monetize your dead-spaces
- Easy to maintain and keep clean
- Compact in size and scalable
- Improve your ASQ ratings

TRAILOR KIT SOLUTION

Portable airfield lighting

Road-going trailer that enables you to rapidly deploy your airfield lights. It carries 72 portable airfield light units and comes with built-in intelligent charging stations.

SPECIAL FEATURES

- Heavy duty trailer with 72 portable airfield lights
- Built in intelligent charging stations included
- Manually controlled lights
- The lights reach a full charge in less than 8 hours

