



smiths detection

FOCUS ON / URBAN SECURITY

→ KEEP PEOPLE
SAFE AND
THREATS OUT

www.smithsdetection.com



SECURITY CHECKPOINTS FOR PUBLIC BUILDINGS- EFFICIENT TECHNOLOGY FOR A SAFE FUTURE



Security in an ever changing world

The need for security in public areas leads to increasing demands on technology and people. Smiths Detection fulfils these requirements with powerful solutions for today and tomorrow.

Security remains the highest priority in public and private buildings. New risks have arisen in the 21st century which are continually changing. This results in new challenges requiring effective security checks in public and semi-public areas.

In particular, transition areas such as public entrances and reception lobbies are vulnerable, along with access points to sensitive areas. The critical objective is to protect people, keep dangerous or prohibited items out and avoid evacuations.

For all locations, the security officers responsible need reliable and efficient solutions. Smiths Detection meets

these requirements with technologies and solutions based on four decades of experience in airport security.

Our products stand out for their powerful technology and contemporary design. They also embody our values such as a long product life, easy operation, low maintenance and optimum compatibility with the entire security infrastructure.

Innovative solutions are key to future-capable security controls in all types of buildings. These range from government administrative buildings and courthouses to privately owned hotels and conference centres. The capability and flexibility of checkpoint technology from Smiths Detection, for the public or private sectors, are as extensive as the locations themselves.



INNOVATIVE TECHNOLOGY FOR SECURITY IN PUBLIC AREAS

Security checkpoints need to stay a step ahead of rapidly changing terrorist threats. They also need to be cost-effective and efficient. Smiths Detection's checkpoint solutions address all these requirements with scanners for personal belongings or people. We also minimise the risks from unknown chemicals with identification sensors which have been relied on for decades by the Military and Emergency Responders.

At the checkpoint, the HI-SCAN 6040C X-ray system was specially developed for buildings security. It sits at the heart of an intelligently designed security infrastructure, complemented by other Smiths Detection technologies for a comprehensive protection solution. These should include eqo, a people screening portal which uses safe millimetre waves to reveal concealed threats; and SABRE 5000 or IONSCAN 600 which detect traces of explosives on baggage and clothing.

Lightweight hand-held devices are essential in identifying unknown

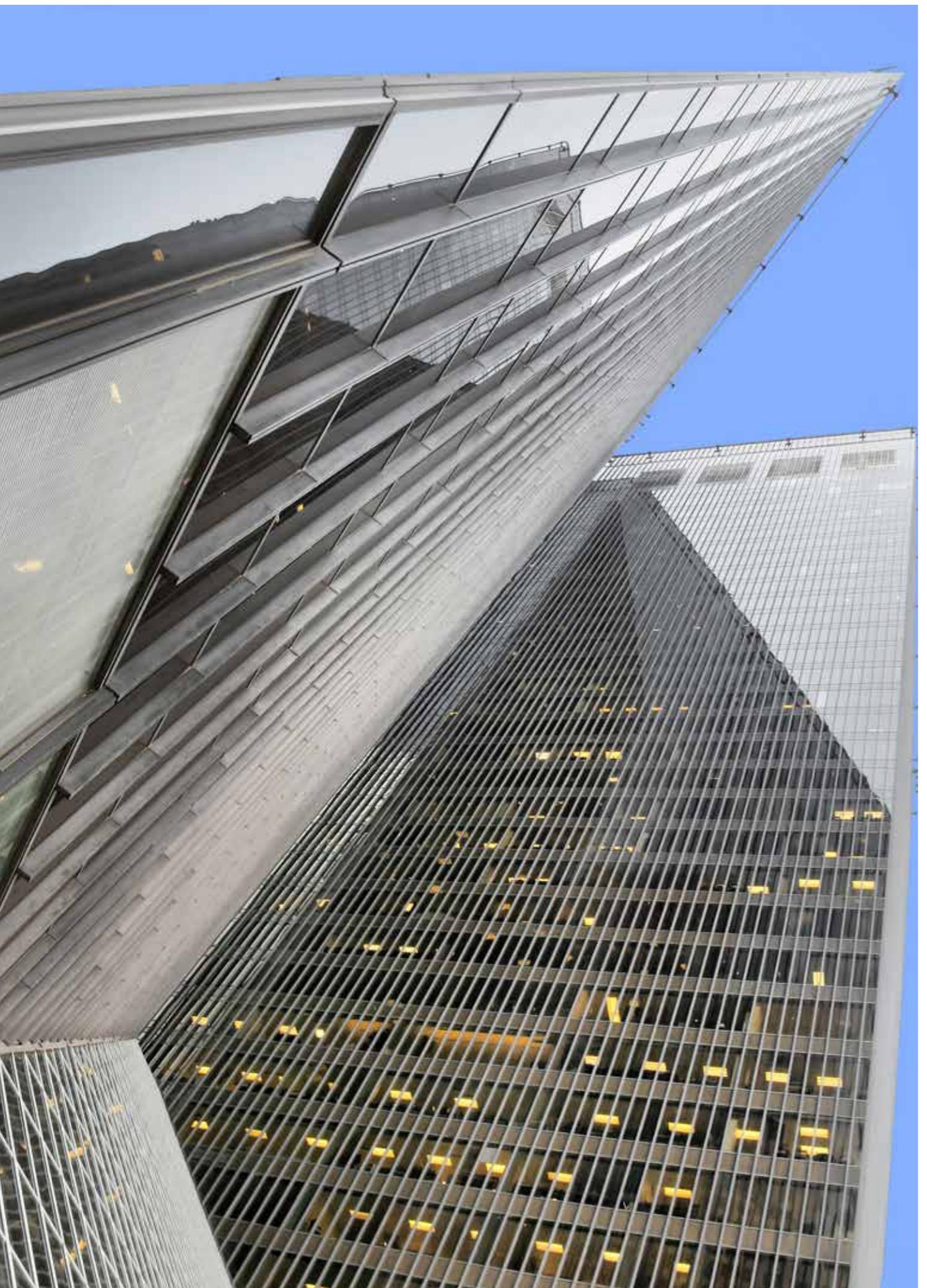
substances, at the checkpoint or beyond; HazMat Elite rapidly identifies solid and liquid chemicals alike.

Our expertise goes into stand-alone products as well as complete solutions for the modern checkpoint. Backed by a comprehensive service network, we provide powerful solutions to make the world more secure.

Smiths Detection's advanced solutions stand for typical values such as:

- High reliability and ease-of-use for operators
- High security standards and advanced technologies
- Low maintenance and a long life cycle
- Global service footprint
- Comprehensive range of detection products





CUSTOMISED COMPLETE SOLUTIONS WITH POWERFUL SYSTEMS FROM SMITHS DETECTION

Smiths Detection offers complete solutions which can be precisely tailored to individual requirements. Our experienced experts provide guidance from the first planning steps all the way to commissioning and in-service support.

X-RAY SCANNERS FOR HIDDEN THREATS IN PARCELS AND BAGGAGE



HI-SCAN 5030si

Compact design; ideal for the mail room and low volume areas

The HI-SCAN 5030si is specifically designed, in size and performance, for mail screening or for small objects in entrance areas. Ideal for prisons, schools and many other sensitive areas, for the inspection of small objects such as purses, pouches, bags, or small parcels.



HI-SCAN 6040-2is SR

High quality images for high risk threat detection

HI-SCAN 6040-2is is an advanced dual-view X-ray inspection system for automatic explosives detection. It offers high throughput at security checkpoints, where bags and personal belongings are screened. The system is suitable for airports, government buildings, hotels and other critical infrastructure applications where the highest standard security solutions are required.



HI-SCAN 6040C

Tailor-made for checkpoint security in buildings

The very latest X-ray scanning solution, HI-SCAN 6040C is has been designed for entrance areas of public buildings such as prisons, courthouses, embassies, banks and hotels. Its contemporary design and small footprint fit well into any environment where the requirement is to screen bags and small packages to detect prohibited items and threats.



HI-SCAN 6046si

Proven checkpoint system

The HI-SCAN 6046si is a compact X-ray inspection system with a larger tunnel opening than the HI-SCAN 6040C. It can scan objects that exceed standard dimensions for hand luggage and other items in areas with increasing security demands.



EXPLOSIVES TRACEDETECTORS



SABRE 5000

Hand-held detector

The SABRE 5000 is the smallest, lightest tri-mode handheld system available for detecting trace amounts of explosives. Capable of dealing with trace particles or vapours, it can also identify chemical warfare agents, toxic industrial chemicals or narcotics.



IONSCAN 600

Next generation desktop trace detection

The IONSCAN 600 is a next generation trace detector based on non-radioactive Ion Mobility Spectrometry (IMS) and does not require licensing or specialized handling. Based on swab samples, it detects and identifies explosives from the smallest trace amounts, in less than 10 seconds. For use in checking deposits on bags, clothing or human skin.

PEOPLE SCREENING



eqo

Millimeter-wave portal

eqo is an innovative people screening solution based on safe millimeter wave technology. It automatically detects objects such as weapons and explosives concealed on a person, highlighting areas of interest on a generic body outline to preserve individual privacy. With its small footprint, eqo easily integrates into any checkpoint. The flat panel open plan design supports the dialogue between the person to be screened and the operator and creates a positive screening experience.



B-SCAN

Detects objects concealed internally

B-SCAN helps to reduce the smuggling of drugs, guns, knives, cell phones and other contraband concealed internally or externally. High throughput – scan time less than 7 seconds. A reliable and easy to maintain X-ray system, with low lifetime of ownership costs.

CHECKPOINT SYSTEM



iLane.pro

Modular checkpoint

With iLane.pro's modular concept, buildings operators and security managers are provided with an opportunity to create their own individual checkpoint with a wide range of components, such as roller conveyors, in a modern, contemporary design. iLane.pro facilitates the best use of space and would replace and enhance any existing checkpoint area while being easily combined with Smiths Detection's advanced checkpoint X-ray machines.

CHEMICAL IDENTIFICATION



HazMatID Elite

Handheld identifier for unknown substances

HazMatID Elite is a next-generation handheld chemical identifier based on superior data analysis. The HazMatID Elite identifies unknown substances such as suspicious powders in 60 seconds or less. Based on solid or liquid samples, analysis is performed by placing a small amount of the substance onto the diamond ATR sensor.

Smiths Detection is one of five operating divisions of Smiths Group, a global technology company listed on the London Stock Exchange. Employing over 23,000 people in more than 50 countries, Smiths Group is a world leader in the practical application of advanced technologies, delivering products and services for the threat & contraband detection, medical devices, energy and communications markets worldwide.

Smiths Detection is a global leader in threat detection and screening technologies for aviation, ports and borders, urban security and Defence. With more than 40 years of field-tested experience, we deliver the solutions needed to protect society from the threat and illegal passage of explosives, prohibited weapons, contraband, toxic chemicals and narcotics.

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