



Protecting people, places and everyday life with confidence





Creating safe and secure urban environments

Supporting safe experiences across the spaces people rely on every day

Across cities worldwide, public-facing environments carry immense responsibility. Government buildings, hospitals, schools, stadiums, transport hubs, hotels, cultural spaces, corporate offices and data centres all serve thousands of people every day, each expecting a safe, smooth and reassuring experience.

Modern security screening must balance effective detection with the protection of high volumes of people with accessibility, supporting smooth, accessible screening while keeping operations remain calm and uninterrupted and reinforcing public confidence.

With decades of expertise in aviation, critical infrastructure and public safety, Smiths Detection helps organisations build safer urban environments through solutions designed for accuracy, confidence and continuity. Our systems offer exceptional imaging, compact footprints, efficient operation and future-ready software that support responsible, people-centred security.

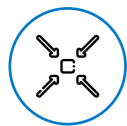
Urban environments demand security and solutions that are both effective, discreet and non-intrusive. Organisations must protect people, prevent prohibited items from entering secure spaces and respond quickly to potential threats, all while maintaining smooth operations and a welcoming environment.

Smiths Detection solutions are designed to meet these challenges through four core principles.



Clarity for confident decisions

High-quality imaging, supported by iCMORE intelligent image analysis, help operators quickly interpret complex X-ray images, reduce bottlenecks and identify potential threats with confidence. Clear visual information reduces uncertainty and supports faster decision-making.



Space-smart solutions

Urban environments often operate within tight or complex spaces. Compact system designs and flexible configurations allow security screening to integrate seamlessly into entrances, reception areas and operational checkpoints without disrupting the surrounding environment.



Smooth and respectful screening

Security must protect people without creating unnecessary stress or delays. Our technologies support efficient throughput and intuitive operation, helping maintain calm, respectful screening experiences for visitors, staff and operators.

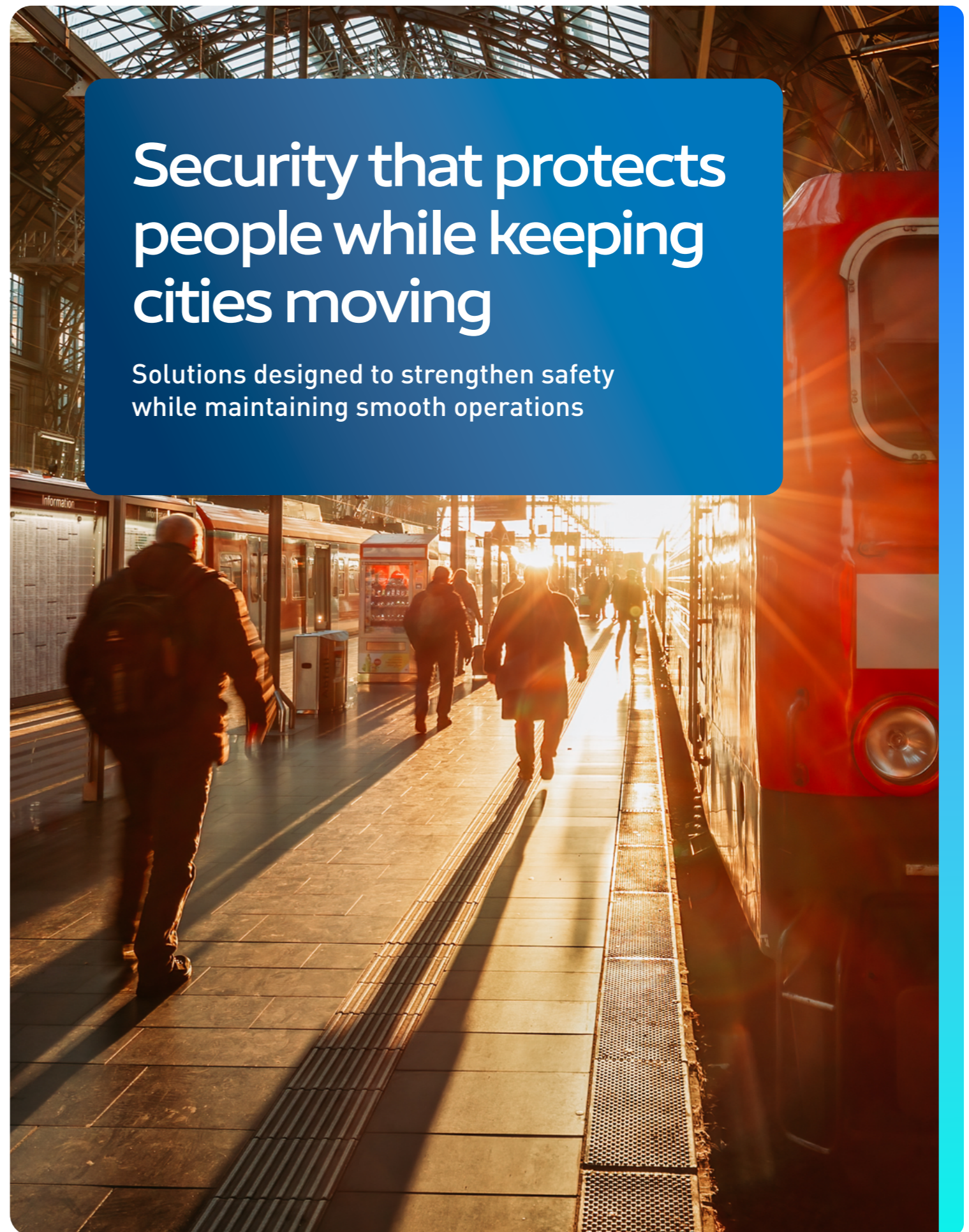


Reliable performance every day

Urban security operations depend on systems that perform consistently under pressure. Our solutions are engineered for durability, reliability and long-term value, helping organisations maintain operational continuity while supporting evolving security requirements.

Security that protects people while keeping cities moving

Solutions designed to strengthen safety while maintaining smooth operations



Designed for people. Built for real-world environments.

From high-security facilities to public venues and transport hubs, our solutions support security across diverse environments.

Every urban setting has its own pressures, from crowds and complex architecture to time-critical operations.

Our solutions meet these challenges with clarity, mobility and reliability at their core.

We support:

High Security

Government buildings, courthouses, prisons, corporate offices, financial institutions and data centres where accountability, trust and professional screening are essential.

Public Venues

Hospitals, healthcare facilities, schools, stadiums, arenas, landmarks, shopping centres, hotels, religious venues, museums and attractions needing calm, respectful screening for high footfall.

Transportation

Rail, metro and bus stations, cruise lines and terminals requiring smooth, confident passenger flow.

Logistics

Distribution centres, parcel hubs, e-commerce facilities, mailrooms and waste management sites where high volumes of goods move quickly and safely. These environments rely on efficient, reliable screening that supports operational flow while helping protect staff and facilities from prohibited or hazardous items.

Heavy Industries

Power plants, refineries, mining operations and manufacturing facilities where security must operate alongside complex industrial processes. These environments require dependable screening that supports safe access control, protects critical infrastructure and maintains operational continuity.

First Responders

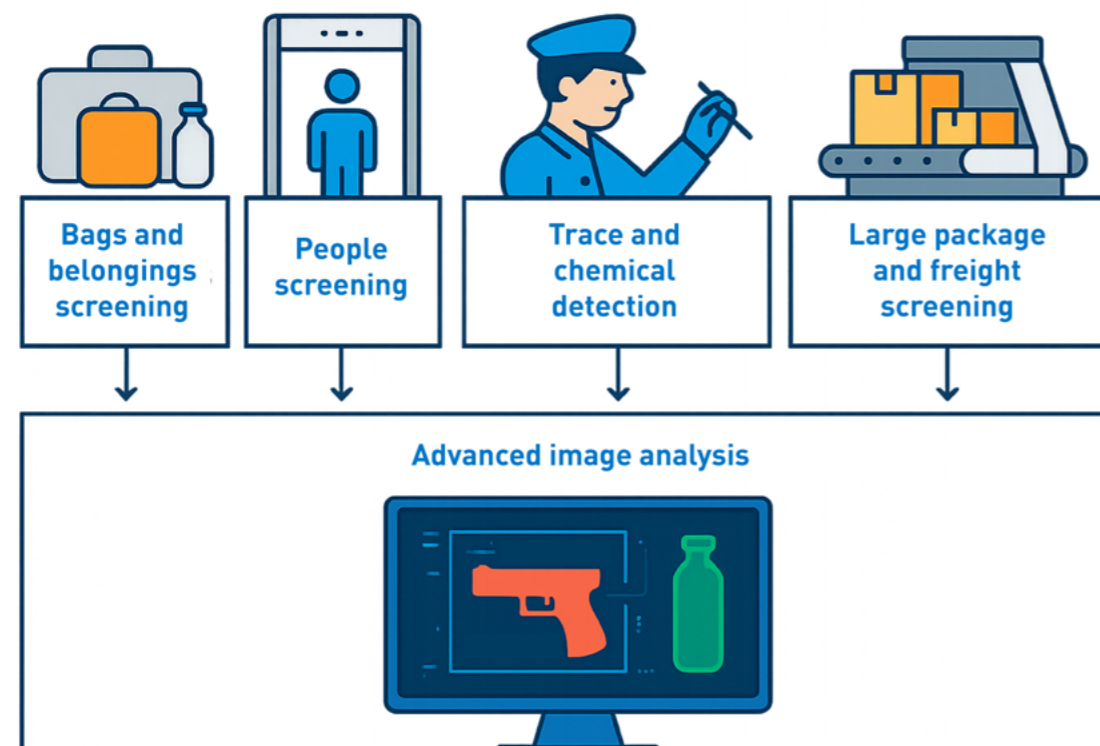
Police, fire, ambulance and coast guard teams requiring portable, dependable detection in dynamic, mobile environments.

Wherever people gather or essential services operate, our systems support security that is calm, consistent and respectful, helping protect communities while maintaining operational efficiency.

Urban security rarely relies on a single technology. Effective protection is achieved through a layered approach that combines screening, detection and intelligent analysis across multiple points within an environment.

From entrance checkpoints and mailrooms to deliveries, people screening and substance detection, Smiths Detection solutions work together to support confident decision-making and consistent protection. Advanced software capabilities further strengthen this approach by helping operators interpret images quickly and identify potential threats more effectively.

The result is a coordinated security infrastructure that protects people, supports smooth operations and adapts to the complex demands of urban environments.



Layered protection for modern urban environments

Combining screening, detection and intelligent analysis to strengthen security at every point



Solutions designed for the full Urban Security landscape

Our portfolio supports safe screening operations across entrances, reception points, loading docks, back-of-house areas and temporary checkpoints.



Screening for bags, parcels and personal belongings

Clear images where security decisions matter most

Entrances to urban facilities are often the first line of defence in protecting people and preventing prohibited items from entering secure environments. Screening solutions must deliver reliable detection while maintaining smooth visitor flow. Our checkpoint X-ray systems provide clear, consistent imaging to help operators quickly identify potential threats. Compact designs and flexible configurations allow them to integrate seamlessly into busy entrances and space-constrained environments.

Recommended for modern urban security environments

SDX 6040

Exceptional image quality. Compact. Mobile. Designed for urban environments.

Engineered for environments where high-quality imaging and mobility are essential. Its slim footprint and large casters enable rapid deployment across multiple locations, making it ideal for busy entrances, temporary checkpoints and space-constrained environments. The SDX 6040 supports security across a wide range of urban settings, and is compatible with iCMORE, which automatically detects concealed threats in X-ray images.



Ideal for space-constrained urban checkpoints in government buildings, cruise terminals, stadiums and others.

HI-SCAN 6040C | HI-SCAN 6040 DV

Highly detailed image quality. Designed for stationary use.

Designed to screen bags, parcels and other objects for prohibited and dangerous items at building entrances. Generating highly detailed, easily interpreted X-ray images, with a background-contrast function that improves the recognisability of objects on the screen. Intelligent image-display functions help operators quickly distinguish between organic and inorganic materials. It can also provide real-time diagnostics on its operating status, ensuring easy handling and troubleshooting. The dual view system (HI-SCAN 6040 DV) increases operational efficiency by eliminating the need to re-position or re-scan objects. An ideal solution for efficient screening in high security environments such as government facilities or banks.



HI-SCAN 7555si | HI-SCAN 7555 DV

High-quality, detailed images. Large tunnel dimensions.

Uses advanced multi-energy X-ray technology to deliver detailed images and features a larger tunnel opening for confident threat identification when screening larger or more complex items. The dual view system increases operational efficiency by eliminating the need to re-position or re-scan objects. Offering superior image quality, smart display functions and easy integration into tray handling and management systems, it is the ideal solution for efficient screening at a range of urban security environments where space isn't limited.



HI-SCAN 5030C

Compact. Lightweight. Highly mobile.

An ideal solution for screening mail and personal belongings in commercial and public buildings due to its size, mobility and durability. Its compact size and lightweight construction enable it to fit seamlessly into checkpoints and mailrooms. Available as a stationary desktop scanner or as a mobile version on wheels featuring vibration shock absorbers and a storage compartment.



Screening for large packages and freight

Deliveries, supplies and operational goods move continuously through a range of urban facilities. While essential to daily operations, these items can also introduce security risks if not properly screened. Our X-ray inspection systems for large packages and freight are designed to handle heavier or bulkier items, and help security teams identify potential threats while maintaining efficient operational flow.

SDX 100100 Series

Available in dual view and with high or low conveyers.



Engineered for environments where space is limited yet screening oversized baggage and freight remains essential. With a 100 x 100 cm tunnel and a 200 kg conveyor capacity, these solutions are perfectly suited for items that exceed standard dimensions.

Integration and connectivity are built into the system.

They integrate seamlessly with material-handling

systems and centralised image processing networks. Ideal for large parcel services and distribution centres, enabling efficient, reliable screening of oversized baggage and freight in space-constrained environments.

Advanced image analysis

Helping operators see potential threats faster

Security teams working in urban environments must make rapid, accurate decisions while managing busy entry points and maintaining smooth visitor flow. Our advanced image analysis software enhances the clarity and usability of X-ray images, helping operators identify potential threats and prohibited items with confidence. These tools help reduce uncertainty and minimise unnecessary secondary searches. The result is faster, more confident screening and safer environments for staff, visitors and the public.

iCMORE

iCMORE is a family of AI-powered object recognition algorithms that automatically detect concealed threats and contraband in X-ray images. Easily integrated with your existing Smiths Detection X-ray systems, iCMORE enhances screening accuracy with targeted, intelligent automation. This helps operators quickly identify potential threats while reducing pressure on screening teams.

iCMORE integrates with our solutions in different ways:

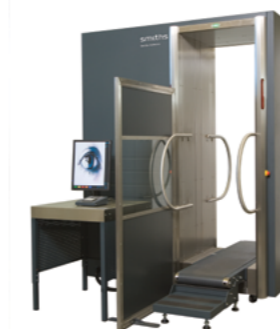
- **SDX 6040** — iCMORE is either fully integrated or can be retrofitted internally as an upgrade any time
- **HI-SCAN 6040C, HI-SCAN 5030C, HI-SCAN 7555si** — iCMORE can be integrated via a small external component
- **HI-SCAN 6040 DV, HI-SCAN 7555 DV** — iCMORE can be integrated into the machine's software



People screening

Non-invasive inspection for controlled environments

In high-security environments, screening individuals may be necessary to prevent the concealment or movement of prohibited items. These checks must be carried out quickly, respectfully and with minimal disruption to daily operations. Our people screening solutions provide fast, targeted inspection to help detect concealed threats in a non-invasive way.



B-SCAN

Helps to reduce the smuggling of drugs, guns, knives, cell phones and other contraband concealed internally or externally. High throughput with scan times of less than seven seconds. A reliable and easy to maintain X-ray system, with low lifetime of ownership costs. This solution is ideal for prisons and correctional facilities, helping to maintain safety, order and dignity through clear, consistent screening.

Detection of chemical and hazardous substances

Rapid detection of unknown and toxic materials

Security teams must sometimes respond to suspicious powders, liquids or airborne substances that may present chemical or toxic risks. Rapid detection is critical to ensure appropriate safety measures can be taken and disruption minimised. Our portable chemical detection solutions help operators to quickly detect unknown substances.. By delivering reliable results in real time, they help teams respond confidently and protect people, facilities and operations.



IONSCAN 600

A highly sensitive trace detector in a lightweight desktop configuration. It accurately detects a wide range of explosives and narcotics, including fentanyl-based opioids. Compact and portable, the IONSCAN 600 includes hot-swappable batteries, enabling operation even when mains power is unavailable.

LCD 4, XID

Portable detection for chemical agents, narcotics, powders, liquids and unknown substances — essential for first responders, mail centres and critical facilities. Flexible mounting options allow the LCD 4 to be handheld or clipped to a belt, harness or shoulder strap, to enable the user to undertake their primary role without obstruction. Features include both audible and visual alarms plus a clear, easy-to-read liquid crystal display.



Bio-threat detection

Fast detection of biological risks

Urban environments must be prepared to respond to potential biological hazards. Suspicious powders, airborne pathogens or contaminated packages can pose serious risks and require rapid identification. Our bio-threat detection solutions enable organisations to quickly identify potential biological threats directly at the point of concern. By delivering fast, reliable analysis without the need for laboratory testing, these systems help security teams respond confidently while minimising disruption.



BioFlash and BioFlash Mailguard

BioFlash overcomes the limitations of current laboratory-based biological testing methods, allowing users to test air for trace levels of pathogens within minutes at the point of concern. BioFlash MailGuard is a ready-to-use mail screening system used to intercept potential biological threats, such as anthrax, sent through mail and packages.



Service, training and long-term partnership

Smiths Detection delivers trusted global support throughout the lifecycle of every system.



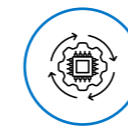
Global service network

Responsive maintenance, remote support and efficient spare-part provision reduce downtime and help sustain operational flow.



Operator training

Practical, scenario-based training builds operator confidence, improves image interpretation skills and supports consistent, responsible decision-making.



Upgradeable technology

Modular software, future-ready algorithms and ongoing improvements help organisations stay aligned with emerging standards and evolving threats.



Sustainable, long-life engineering

Durable design, energy-efficient performance and upgrade pathways support long-term value and responsible investment.



Supporting safer cities and confident communities

We are working to help organisations protect the people and places that keep society moving — with clarity, confidence and care.

Contact us

For product information, sales or service, visit:

www.smithsdetection.com

Smiths Detection is a global leader in threat detection and security screening technologies, dedicated to making the world a safer place. We provide advanced solutions for aviation, ports and borders, urban security, defence and the circular economy. Our cutting-edge technologies ensure the safety of people and infrastructure. Backed by over 70 years of experience, a global footprint, and a commitment to innovation, Smiths Detection is trusted by governments, airports, and security agencies worldwide.