

CBRNe Solutions

Trusted by armed forces worldwide to detect, identify, and respond to evolving threats.



Experience matters

For over 50 years, Smiths Detection has partnered with defence agencies across the globe. We understand the unique operational demands of military missions and deliver proven CBRNE solutions tailored to frontline needs.

What is your mission?

Smiths Detection is committed to advancing global security through technology, solutions and services that protect life, safeguard society and uphold the free flow of trade.

We specialise in:

- **Detection, Identification & Monitoring:** Chemical, biological, and radiological assessment and survey tools
- **Incident & Hazard Management:** Situational awareness tools and command & control integration
- **System Integration:** Programme execution and platform adaptation
- **Research & Development:** Continuous innovation in size, weight and power (SWaP)
- **Physical Protection:** Chemical/biological protective systems
- **Equipment Support & Service:** Full life-cycle product support

Early alerts save lives. From detection to response, our integrated CBRNE solutions support rapid decision-making and mission success.

Prepared for Any Mission

Smiths Detection is trusted worldwide for delivering high-quality, reliable hand-held and desktop systems for the detection and identification of explosives, narcotics, toxic chemicals, and biological threats.

BIOFLASH BIO • PATHOGENS CANARY



Bioaerosol identifier for rapid detection of airborne biothreats including anthrax, ricin, smallpox and SARS-CoV-2. Field-proven by the USAMRIID.

IONSCAN 600 EXP • NARC IMS



Portable, non-radioactive desktop trace detector for explosives and narcotics. Suitable for field and fixed installations.

LCD 4 CWA • TIC IMS



Versatile chemical detector using IMS technology for CWAs and TICs. Configurable for dismounted use, vehicle integration, UAVs or robots.

Accessories include:

- Trace solid/liquid detection
- Remote Sensor Management
- Wireless Solutions
- Simulation and modelling software

Smiths Detection's LCD is the most widely deployed chemical agent detector – with over 150,000 units deployed to NATO and affiliated countries worldwide.

LCD 4 ACCESSORIES

The LCD 4 capabilities can be enhanced by several extensions which increase its detection capabilities. All extensions have been developed using market-leading technology and architecture designed for interoperability.



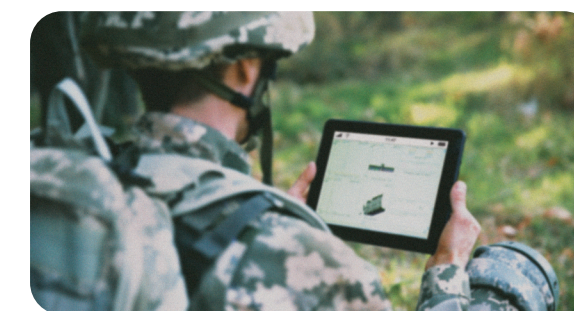
Trace solid and liquid threat detection (LCD 4 XID adapter)



UGV and UAS mounted solutions



Wireless connectivity

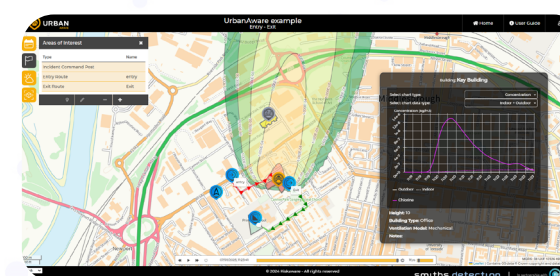


Monitoring and control

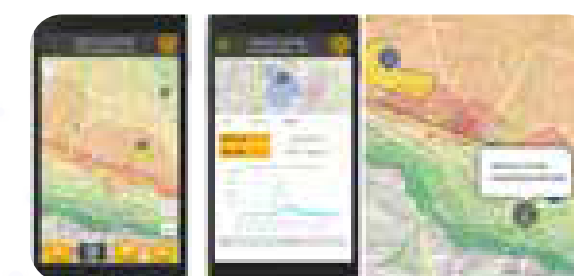
CBRN Threat Management Solutions

Integrated Situational Awareness for Rapid Decision-Making

In high-threat environments, timely decision-making saves lives. Developed by Smiths Detection and Riskaware, our CBRN threat management solutions deliver real-time situational awareness to support effective response and mission success.



UrbanAware on a Computer



UrbanAware on a Cell Phone

Integrated Service & Training Solutions

Smiths Detection works alongside defence and security agencies to ensure the highest standards of product performance, availability, and operational support throughout the lifecycle of our advanced detection technologies. Our products are built with cutting-edge technology and designed for ease of use, but to achieve full performance in the field, correct operation and maintenance are essential.

To support this, we offer a complete training solution for all our detection products. Trusted globally, our training programmes are delivered by certified Smiths Detection instructors and developed by subject matter experts and education specialists. Designed to meet the needs of operational, technical, engineering, and security personnel, training combines technical knowledge with real-world application, ensuring teams are equipped to meet the demands of evolving threat environments.

Courses are offered in flexible formats to suit operational needs, including classroom-based training, virtual instruction, and self-paced online modules. Sessions can be delivered on-site or at a Smiths Detection facility, with small class sizes that promote discussion and interactivity. Each programme is tailored to suit both individual and organisational requirements, supporting performance, safety, and long-term mission success.

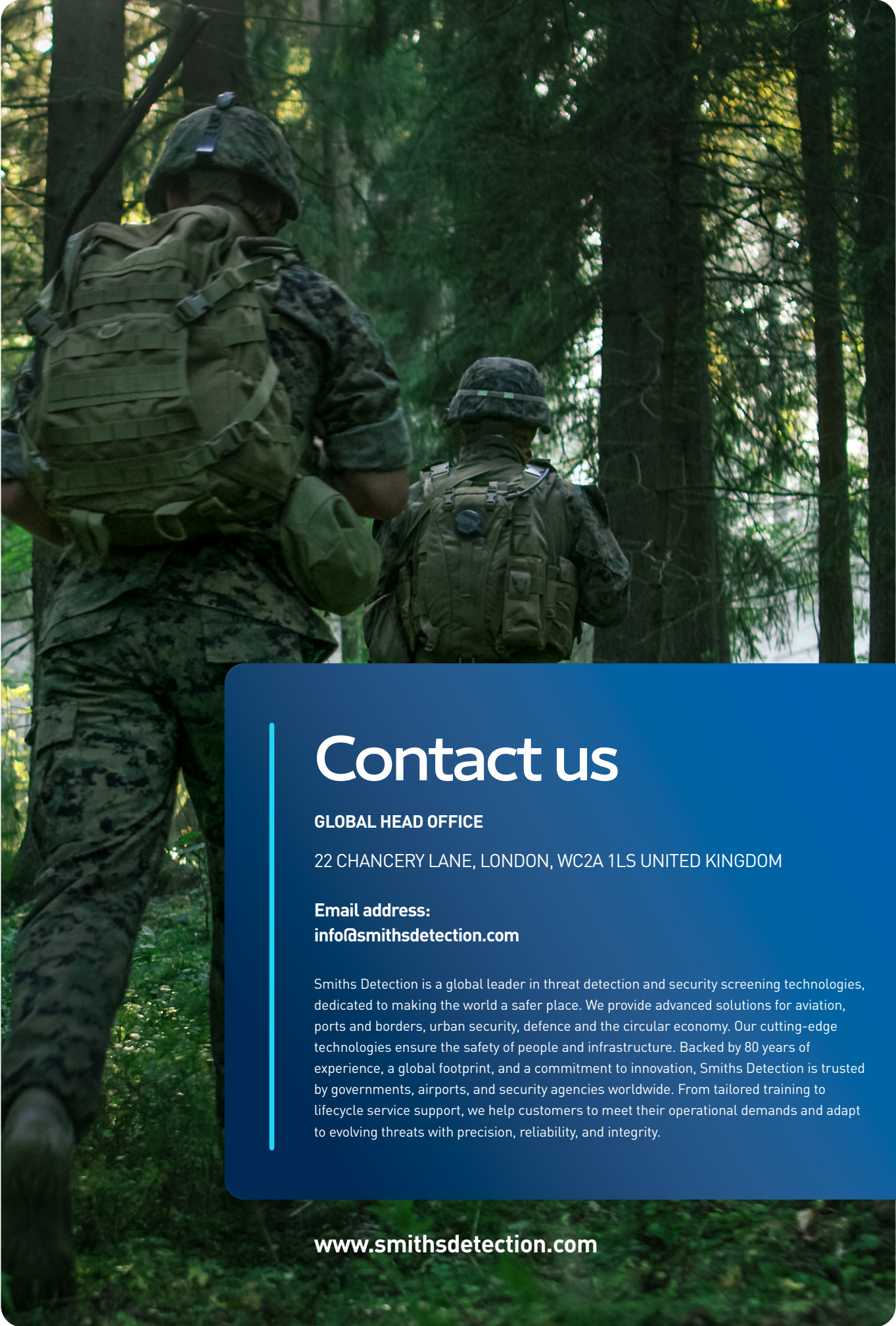
In parallel with training, our flexible service and support packages are designed to maximise equipment availability, extend operational life, and reduce total cost of ownership. We offer five-year maintenance and consumables support agreements, which can be customised to meet specific operational needs. Fixed pricing options provide cost stability and eliminate the risk of unexpected maintenance expenditure.

All hand-held products come with a standard one-year warranty, with options to extend or upgrade as required. With an extensive global network of specialist engineers, service centres, logistics hubs, and training teams, Smiths Detection provides the long-term support defence and security organisations rely on — keeping critical systems operational, efficient, and mission-ready wherever they are deployed.

Meeting the demand for detection and identification of CBRNE threats.



**Original Equipment
Manufacturer
Service & Support**



Contact us

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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 80 years of experience, a global footprint, and a commitment to innovation, Smiths Detection is trusted by governments, airports, and security agencies worldwide. From tailored training to lifecycle service support, we help customers to meet their operational demands and adapt to evolving threats with precision, reliability, and integrity.

www.smithsdetection.com