

Accurate, reliable drug detection

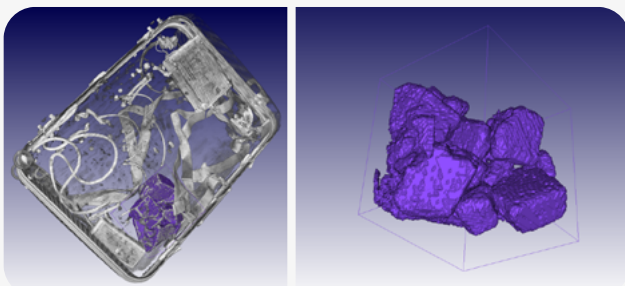
→ iCMORE Narcotics



iCMORE Narcotics delivers accurate and automatic detection cocaine (≥100g) and ecstasy pills (≥100g) in hand and hold luggage

Automated Narcotics Detection

iCMORE Narcotics is a part of the iCMORE family of smart and adaptable object recognition algorithms offering automatic detection of an ever-expanding list of dangerous, prohibited and contraband goods. iCMORE Narcotics provides automated detection of cocaine (≥100 g) and ecstasy pills (≥100 g). The detected objects are framed in the X-ray image and indicate a potential threat.



Crack cocaine detected in a suitcase with HI-SCAN 10080 XCT

iCMORE Narcotics has been trained to detect cocaine and ecstasy pill, the classes of targeted narcotics are expected to increase in the future.

Key Customer Benefits

-  Strengthens efforts to combat narcotics smuggling
-  Automatic drug detection makes customs inspections more efficient and systematic
-  Eliminates the need for manual bag opening searches

The automatic detection capability of iCMORE reduces the risk of human errors, increasing efficiency and further enhancing detection accuracy.

Invaluable Detection Capabilities

Smiths Detection is developing its iCMORE suite using advanced artificial intelligence (AI) technologies. For the iCMORE Narcotics solution, Smiths Detection collaborates closely with customers as well as customs and security authorities to build extensive image libraries from which the algorithms can learn.

Combination With Other Smuggling Detection

iCMORE Narcotics can be combined iCMORE can be combined with iCMORE Currency and/or iCMORE Cigarettes, enabling customs to detect all three contraband types with the same screening machine.

iCMORE Cigarettes delivers automatic detection of cigarette cartons or bundles of 10 packs (~ 200 cigarettes).

iCMORE Currency delivers automatic detection of bulk cash (min. 100 banknotes stacked or rolled

The additional detection capabilities provide invaluable support to all image analysts and are particularly helpful for less experienced operators. As AI algorithms do not tire and are impartial, they reduce the risk of human errors.

iCMORE Narcotics delivers a high probability of detection and low false alarm rate — improving security, whilst also increasing efficiency and throughput.

Automatic object detection algorithms can also be used to implement differentiated risk-based screening approaches by switching them on or off based on the individual requirements of controlling authorities.

Adding iCMORE Narcotics does not affect any regulatory certifications or approvals and little or no training is required.

Systematic Tool to Fight Drug Smuggling

iCMORE Narcotics enhances the fight against narcotics smuggling by making inspections more efficient and systematic, eliminating reliance on random searches that require manually opening and examining the contents of passengers' bags.

It helps authorities prevent drug contraband. Combating drug smuggling is essential, as it is a global criminal enterprise that causes significant harm to public health, safety, and the environment. It fuels extreme violence and corruption and destabilizes economies and governments. The illicit trade generates enormous profits for transnational criminal organizations, which in turn use these funds to finance other serious crimes, including terrorism and human trafficking.

According to the 2025 UNODC Report, an estimated 316 million people used drugs worldwide in 2023, representing 6% of the global population. Drug trafficking is valued at approximately \$870 billion to \$1.4 trillion annually.



Increased Security



Increased Efficiency



Efficient and Systematic

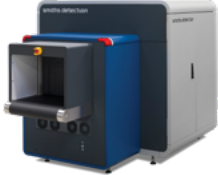


Minimum Training

The automatic detection capability of iCMORE reduces the risk of human errors, increasing efficiency and further enhancing detection accuracy.

iCMORE provides accurate detection capability to Smiths Detection X-ray and CT screening solutions, helping to reduce the burden on image analysts and improve screening outcomes.

iCMORE Narcotics detection is available on CT Xray for hold and hand luggage.

Hand luggage (Checkpoint)	Hold Baggage	Applications
 HI-SCAN 6040 CTiX	 HI-SCAN 10080 XCT	Ports & Borders → Customs → Border Crossings Aviation → Checkpoint → Hold Baggage

iCMORE – A Family of Automatic Target Recognition Applications

Our object recognition software, iCMORE, uses advanced algorithms to reduce the burden on operators – and potential errors – by automating the detection process for suspicious items within inspected cargo, baggage or palletised goods.

Reach out to Smiths Detection today to find out how we can support your operation with iCMORE.

GET IN TOUCH

→ If you would like to know more about iCMORE Narcotics and how we help make the world a safer place, visit: www.smithsdetection.com