

# The security reflex



## C.B.R.N.E. DETECTION

Chemical

Biological

Radiological / Nuclear

Explosives



Hi-Tech Detection Systems

# NUCLEAR / RADIOLOGICAL THREATS



From individual dosimeters or portable gamma spectrometer to environmental control beacon, our solutions cover the full range of customer's needs in both military or civil fields (gamma, alpha, beta, neutron, radon, iodine, rare gaz ...)

INSTRUMENT	APPLICATIONS	CHARACTERISTICS
<b>Dosimeter / Radiometer</b>	People radioprotection	Individual Radiometer with ultra high sensitivity and very short response time
<b>Hand-held Spectrometer</b>	Source localisation	Gamma / neutron spectrometer for detection, location, measurement and identification of radionuclides
<b>Portal</b>	People, container & vehicles inspection	Gantry for radioactive material detection (pedestrian, vehicle or container)
<b>Embedded monitoring system</b>	Areas mapping	Embedded solution combining radiation detectors and GPS unit
<b>Gamma Camera</b>	Dismantling of sites	For remotely sensing the "hot spots", possibly through steel pipes and containers

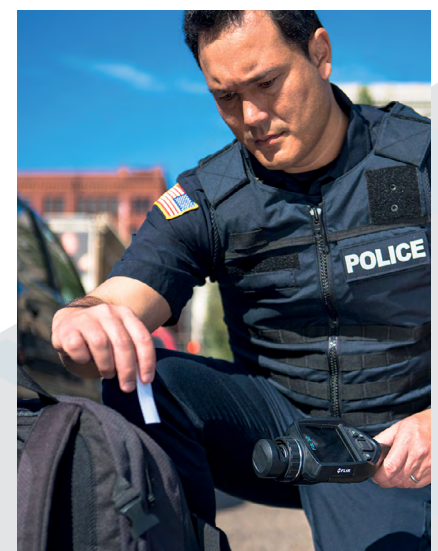


# EXPLOSIVES



With X-ray scanners (fixed, embedded or portable versions), trace detectors (particles or vapors), people screening solutions, HTDS offers a large portfolio of security equipment, based on latest technological innovations for the search and identification of Explosives..

INSTRUMENT	MODEL	CHARACTERISTICS
<b>Portable trace detector - particule OR vapor modes</b> (explosives)	Fido <sup>®</sup> X2	Portable, light, fast and easy to use trace detection solution. Dedicated standard applications
<b>Portable trace detector - particule AND vapor modes</b> (explosives)	Fido <sup>®</sup> X4	High performance trace detection solution. Dedicated to most demanding applications (Militarized version, embedded on mini robot...)
<b>Fixed position trace detector</b> (explosives and narcotics)	Itemiser	Ultra-sensitive instrument dedicated to control of persons and objects at check points
<b>X-ray portable scanner</b>	Scansilc EOD	Light, battery powered X-ray generator and its imaging system for inspection in the field



# BIOLOGICAL AGENTS



Before starting an alert for the presence of viruses, bacteria, spores or other toxins, response teams have to identify suspect materials on the field. HTDS supplies them with first response tools (contamination proof or clearance signal) and sampling units (punctual or continuous methods) for an efficient first step in the full biological analysis processes (PCR...)

INSTRUMENT	MODEL	CHARACTERISTICS
Surface contamination tests (B and C)	BTA and Agentase C1	Simple and fast solution for the testing of surface contaminated by biological or chemical agents (toxins, pathogens, neurotoxic, blisters...)
Continuous sampling and alerter beacon	IBAC2	Fixed or on-board position unit, with automatic triggering of a sampling cycle, followed by an alarm in the event of a biological threat
Field RT-PCR	TCOR -8	Detection of biological threats (anthrax, ricin and various virus ...) by fast PCR technique in situ



# CHEMICAL RISKS



Should they come from industrial accidents or terrorist acts, chemicals represent a major threat to people and troops. They require complementary analysis solutions, combining strong capabilities for detection and identification with the need to balance responsiveness and precision.

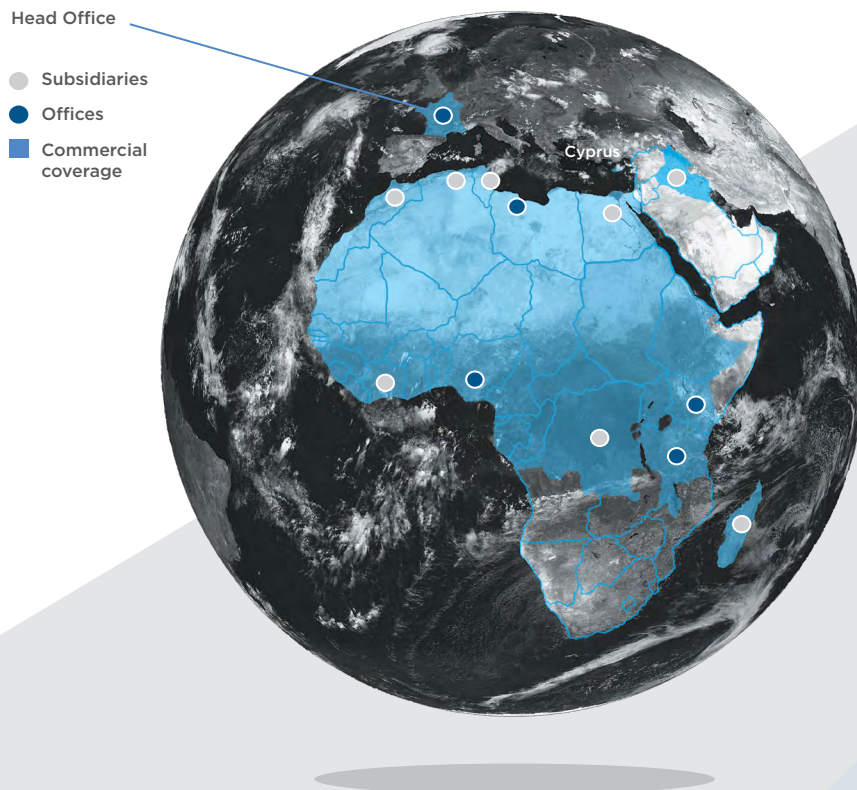
INSTRUMENT	MODEL	CHARACTERISTICS
Raman spectrometer	FirstDefender RM	Solution for quick identification of unknown substances with or without contact.
FTIR spectrometer	TruDefender FTX	Solution based on FTIR technology, complementary to the FirstDefender RM unit.
FTIR / Raman spectrometer	Gemini	A versatile tool for greater responsiveness in the field.
Transportable GCMS	Griffin 460/510	A mobile GCMS including sample preparation device for in-situ laboratory class analysis.
Portable HPMS	MX908	A HPMS (High Pressure MS) spectrometer ideal for rapid detection of presence of TIC and CWA in the field (solid, liquid, vapor).
Neutron spectrometer	PINs	Very high resolution gamma/neutron spectrometer for chemical weapons detection (shells, ammunition...).



# OUR INTERNATIONAL NETWORK

HTDS (Hi-Tech Detection Systems) is a company specialized in the distribution and maintenance of high-tech detection systems in France and abroad.

HTDS offers a full range of detection solutions dedicated to the following areas:  
Security - Product Control - Analytical Sciences -  
Nuclear and Radiation Protection - Signal Processing - Optoelectronics  
HTDS's exclusive partners for C.B.R.N.E recognized as world leaders in their field.



For a responsive service, tailored to your needs, HTDS has a network of subsidiaries, each with a team of specialized technicians and a complete stock of spare parts. A dedicated stock of Equipment for your occasional rental needs is also available.

## EGYPT

91 El Meghani St - App 11  
Heliopolis - Le Caire - Egypte  
Phone : +20 222 90 53 06  
Fax : + 20 222 90 53 07

## LIBYA

Khalifa Zaidi St. - City Building  
Office 503 - 5th Floor P.O. Box :  
3913 Tripoli G.S.P.L.A.J. - Libye  
Phone : +218 (91) 6950708

## MADAGASCAR

Immeuble Hi-Pôle - Lot Pres,  
71 bis Antanetibe Antehiroka  
Ambohidratrimo 105 -  
Madagascar  
Phone : +261 34 40 664 72

## MOROCCO

7 rue Hatim Al-Assam  
20500 Casablanca - Maroc  
Phone : +212 522 27 49 59  
Fax : +212 522 20 83 74

## WEST AFRICA

2 Plateaux 7e Tranche L155  
Residence CLOVIS  
(en face de l'école ESIT)  
Abidjan - Côte d'Ivoire  
Phone : +225 07 78 78 69 32

## ALGERIA

(ex-Chemin de La Touche)  
18 lotissement Doudou-Mokhtar  
Ben Aknoun - Alger - Algérie  
Phone : +213 23 23 84 01  
Fax : +213 23 23 84 00

## DRC

1933 boulevard M'SIRI  
Commune de Lubumbashi - RDC  
Phone : +243 990 086 063

## TUNISIA

50 rue de l'Artisana, ZI Charguia II  
2035 Carthage Aéroport - Tunisie  
Phone : +216 70 836 961  
Fax : +216 70 836 561

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[www.htds.fr](http://www.htds.fr)  
[info@htds.fr](mailto:info@htds.fr)



Parc d'Activités du Moulin de Massy - 3, rue du Saule Trapu - BP 246 91882 Massy cedex - France  
Tél : +33 (0)1 64 86 28 28 - Fax : +33 (0)1 69 07 69 54 - [info@htds.fr](mailto:info@htds.fr)