

The security reflex



SECURITY & DETECTION

X-RAY INSPECTION
METAL DETECTION
PEOPLE SCREENING
EXPLOSIVES AND NARCOTICS DETECTION



Hi-Tech Detection Systems

X-RAY INSPECTION BAGGAGES AND PARCELS

HTDS anticipates each application need and markets cutting edge X-rays solutions (conventional, automatic and / or portables) for a control of complex parcels and baggages adapted to the most difficult inspection environments

FLEXIBILITY & RELIABILITY

Our standardized and modular platforms simplify installation and maintenance and makes adding accessories easier than ever. HTDS scanners can be networked for a centralized management of your fleet.

HIGH CAPACITY OF DETECTION

Powerful features such as Density Threshold Alert (DTA), automatic threat detection, Target™ and Threat Image Projection (TIP) provide improved security.

ERGONOMIC DESIGN

With an emphasis on user-friendly design features like the ergonomic operator control panel and adjustable control panel stand, the 600XR series addresses screeners' ease-of-use requirements.

PERFORMANCE

With features like Network Display Station and Operator Training Program, the 600 series is designed to maximize security and lower total cost of ownership.

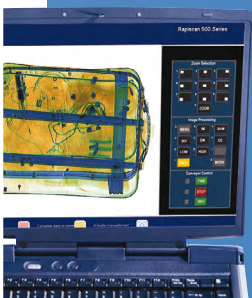


Focus on

DUAL VIEW TECHNOLOGY



The Dual View Technology provides a horizontal and vertical view of the object under inspection to improve throughput and object discrimination. These two perpendicular views provide a complete perspective of complex parcels regardless of their orientation in the X-ray system. Dual view technology eliminates the need to reposition and re-scan parcels in high security environments.



Training solutions tailored to your need

HTDS provides a tailored accompaniment for the training of your security officers on X-ray inspection solutions. A training to achieve your objectives of:

- Use and control of the X-ray machine,
- Detailed analysis of the X-ray image,
- Improved ability to interpret the radioscopic image and identify dangers.

HTDS offers a choice from the user software license for Mac or PC, to the software training and / or the installation of a training platform.

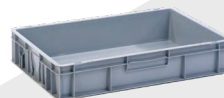
A FULL RANGE OF ACCESSORIES



Rollerbed



Remote work station



Trays



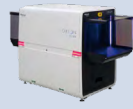


Twin trays return

With thousands of installations performed throughout the world, HTDS is a key partner when it comes to detecting and identifying threats (explosives, weapons, narcotics, illegal objects ...) in luggages, parcels and containers or even on people.

NEW SERIE 900

With better image quality, explosive detection algorithms and a wide range of options, the 900 serie stands out from the 600 with many innovations.

	MODEL	TUNNEL SIZE LxH in mm	FEATURES
	918CX	540 x 360	Mobile/ fixed inspection system Compact design Explosives detection algorithm
	920CX/DX/DI	620 x 420	Proven checkpoint Energy consumption reduced by 25% Explosives detection algorithm Available in Dual View technology
	922CX	750 x 550	Advanced checkpoint screening Increased operational availability Explosives detection algorithm

SERIE 600

The 600 serie will gradually be replaced by the 900 serie. HTDS will continue to support you and ensure its maintenance throughout the life of your products.

	MODEL	TUNNEL SIZE LxH in mm	FEATURES
	618XR	550 x 360	Adapted for mail and personal belongings
	620DV-AT LAGS	640 x 430	For the control of liquids and gels
	620XR/DV	620 x 420	Checkpoint screening. Dual view available.
	622XR	750 x 550	Large parcel and baggage screening

TOMOGRAPHES

920CT | Cabin luggage solution

- 3D imaging EDS
- Integration with the TRS system
- Density alarm
- Touch screen operator stations
- Dual energy technology : improves explosive detection

The technology behind the 920 CT allows large electronic devices and liquids to remain in carry-on baggage with highest threat detection capability available.



Example of X-ray high-resolution image from the 920CT



Example of X-ray high-resolution image from the RTT



RTT110 | Hold baggage solution

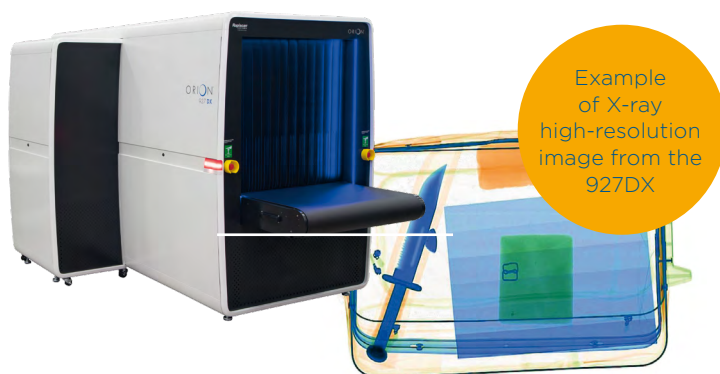
- Class-leading high resolution 3D X-ray images,
- Scan up to 1 800 bags per hour,
- Fast advanced explosives detection,
- Flexible system configuration for easy integration,
- Reduced maintenance costs.

The RTT80s / RTT110s high quality full volumetric CT images enable the advanced automated explosives detection algorithms to provide exceptionally high levels of detection with class leading image quality and low false alarm rates.

X-RAY INSPECTION FREIGHT

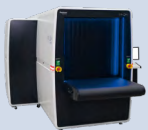

Freight forwarders and international carriers have an obligation to ensure that the goods they carry have been subjected to performant security checks.

The imaging technology proposed by HTDS provides security officers with adapted tools to find threats hidden in all kinds of cargo, from break bulk or pallet containers to ULD containers for aircraft.



NEW SERIE 900

With better image quality, explosive detection algorithms and a wide range of options, the 900 serie stands out from the 600 with many innovations.

	MODÈLE	TAILLE TUNNEL LxH en mm	CARACTÉRISTIQUES
	927DX	1010 x 1010	Screening of large baggage and small cargo High conveyor belt Dual View Technology Explosive and narcotic detection
	928DX	1010 x 1010	Control of freight type packages Loading and unloading facilities Low conveyor belt Dual View Technology Explosive and narcotic detection

SERIE 600

The 600 serie will gradually be replaced by the 900 serie. HTDS will continue to support you and ensure its maintenance throughout the life of your products.

	MODÈLE	TAILLE TUNNEL LxH en mm	CARACTÉRISTIQUES
	627XR/DV	1000 x 1000	Ideal for large luggage. High conveyor belt
	628XR/DV	1000 x 1000	Small freight control. Low conveyor belt
	632XR/DV	1500 x 1650	Inspection of pallets, bulk and freight
	638XR/DV	1800 x 1800	Ideal for freight pallets

VEHICLE AND CONTAINER INSPECTION

X-ray inspection is the most effective mean to control cargo in containers without unloading. The scanning speed, the X-ray penetrative power, the X-ray images resolution and the flexibility of the system are all key factors making the solutions proposed by HTDS the best performing ones on the market. For a comprehensive range, HTDS also proposes neutron and gamma ray solutions.

Support adapted to your needs:

- **Mobile:** truck-mounted unit allowed to travel on public roads. Quickly deployed for scanning.
- **Gantry:** rail-mounted unit for automatic inspection of vehicles. Easy to relocate.
- **Portal:** high throughput drive-thru unit. Easily relocated.
- **Backscatter:** «Backscatter» RX technology based unit.



	MODEL	VIEW	X-RAY ENERGY (meV)	STEEL PÉNÉTRATION* (mm)	LOW DENSITY CARGO INSPECTION	HIGH DENSITY CARGO INSPECTION
MOBILE	Eagle M25	1	2.5	205	●	
	Eagle M60	1	6	375		●
	Eagle T60	1	6	375		●
GANTRY	Sentry Portal	2	7.5	300		●
	Eagle G60	1	6	340		●
	OmniView	2	4.6	400		●
PORTAL	P60	1	6	340		●
	Eagle R60	1	6	400		●
BACKSCATTER	CarView™ (portal)	2	0.225	7	● (with passenger)	
	ZBV (mobile)	1	0.225	7	● (with passenger)	
	Z-Portal (portal)	6	0.225	7	● (with passenger)	

* minimum of penetration

Mobile/Eagle M60



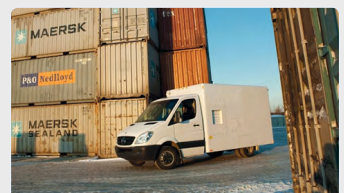
Gantry/Eagle G60



Portal/Eagle P60



Backscatter/ZBV



PEOPLE INSPECTION SCREENING SOLUTIONS

The solutions proposed by HTDS enable effective detection of organic and inorganic materials (solid and liquid explosives, narcotics, ceramic weapons, metals,...).

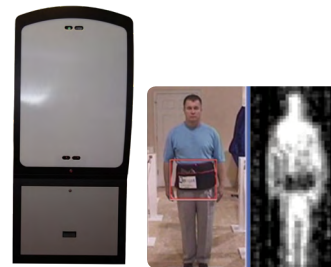
EVOLV EDGE : AUTOMATED VISITOR SCREENING SOLUTION

- Fast and consistent scanning (<5 sec/scan)
- Detection of firearms, explosives and other weapons
- Respect for privacy through an automatic concealment program



MM-Imager 90: PASSIVE MILLIMETER WAVES CAMERA

- Quick, real-time and contactless inspection: detects objects hidden within 0.5 second up to 5 meters,
- Passive technology: no radiation emission,
- Privacy protection: individuals anatomical details are not revealed.



PEOPLE INSPECTION: METAL DETECTION

The METOR range is the new generation of walk-through metal detectors offering safety and security to airports, governments and private industries worldwide.

MODEL	FEATURES
PD 140N 	High sensitivity Detection of magnetic and non-magnetic metals Lightweight & Ergonomic
HI-PE 	Detection of magnetic, non-magnetic and mixed alloys metals High discrimination and throughput Quick installation
HI-PE-Plus 	Multi-zone Metal detector STAC approved High discrimination and throughput Detection of magnetic, non-magnetic and mixed alloys metals Exceptional Immunity to environmental interferences
PMD3+ 	High detection level (60 zones) Easy to install and use Precise detection of threats (magnetic, non-magnetic, mixed) Integrated camera system (optional)

EXPLOSIVES AND NARCOTICS DETECTION / IDENTIFICATION

Within its range of CBRNE solutions HTDS offers a selection of portable and transportable solutions for the detection and / or identification explosives and narcotics:

- Explosives: TNT, NG, TATP, RDX,...
- Narcotics: heroin, cocaine, ecstasy, cannabis,...

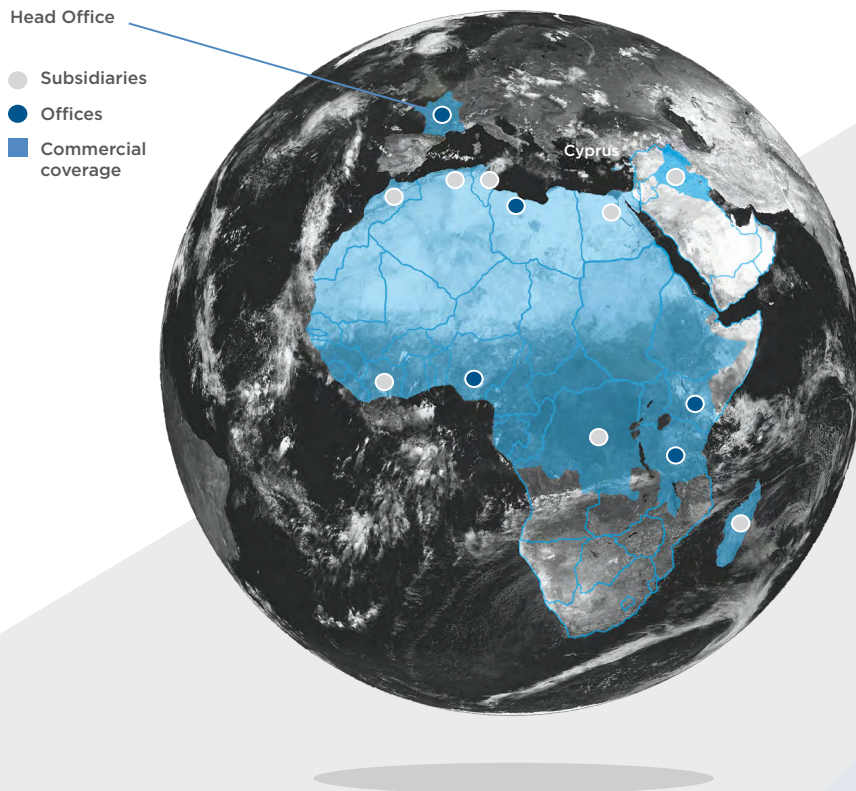


				DETECTED PRODUCTS	
MODEL		SOLUTION TYPE	INSPECTED ELEMENTS	EXPLOSIVES	NARCOTICS
IDENTIFICATION	TruDefender FirstDefender Gemini 	Portable	Liquid Solid Powder	•	•
	Insight 200M 	Transportable	Liquid	•	
	TruNarc 	Portable	Liquid Solid Powder		•
	Mobil Xscan 	Portable	Opaque container	•	•
DETECTION AND IDENTIFICATION	MiniZ 	Portable	Opaque container	•	•
	Itemiser 4DX/DN 	Transportable	Trace	•	•
	Fido X2, X3 and X4 	Portable	Radiation	•	

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 security are 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.

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