



X-Ray Solutions developed by prison security experts



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VMI Security develops X-Ray solutions for non-invasive inspection

We develop innovative technology, manufacture high quality systems and offer continuous support service for preventive and corrective maintenance. We are a company that goes from start to end, from the design of control and security systems to after sales technical support services.

The VMI Industrial Park was inaugurated in a área of 140,000m², with 25,000m² of built area, following the most modern construction and environmental preservation techniques, in accordance with ISO 9001 standards.



We develop high quality systems and according to international regulations and standards.

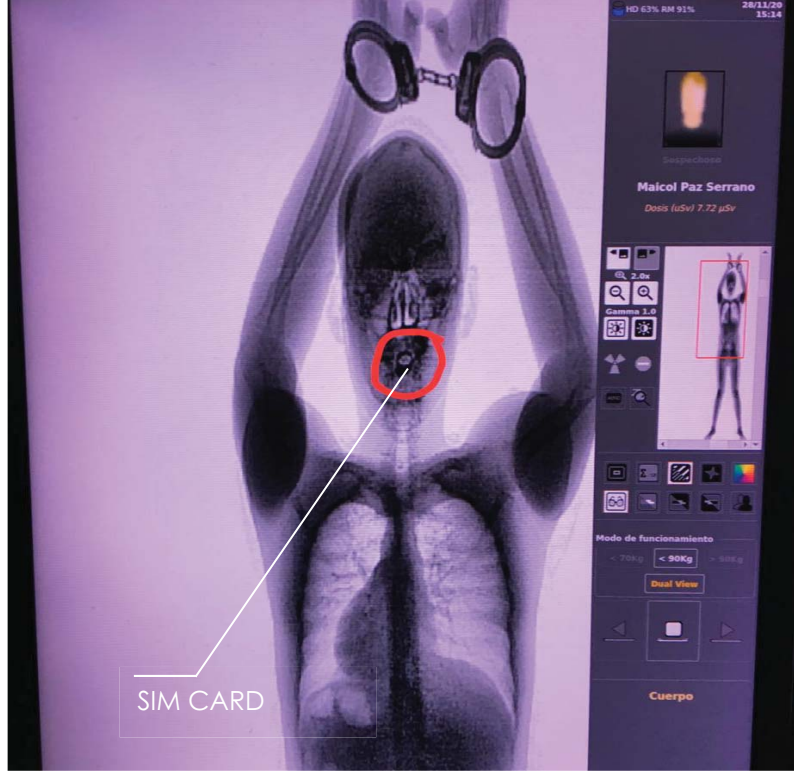


TODAY WE ARE A GLOBAL COMPANY

We export to **more than 50 countries** in the world and have collaborators on five continents.



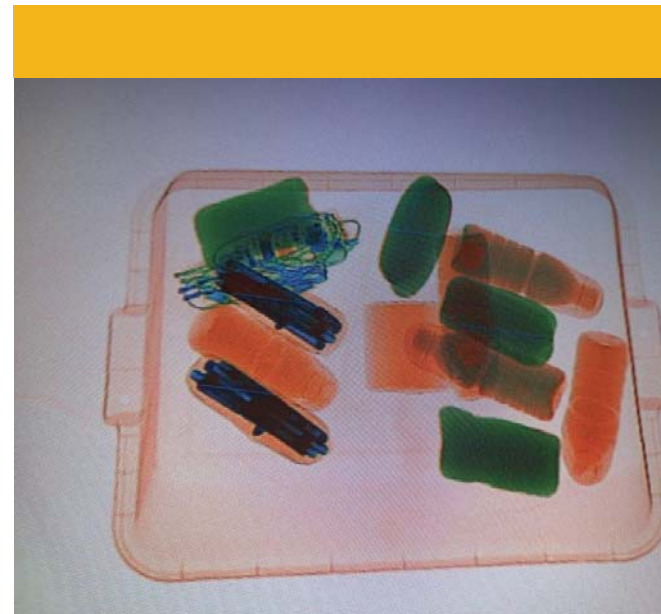
The day-to-day life of prison units are marked by different types of threats such as drugs, weapons, cell phones and other illegal objects. Criminal organizations are constantly improving their efforts and techniques to corrupt the prison system.



Capable of a non-invasive, agile and efficient inspection process, our system is state-of-the-art technological solution and is in constant development to meet the most demanding prison security and control systems.

Get full control over the entry and exit of people, objects and cargo.

Extend your vision, control and security, all recorded by cameras to guarantee the total integrity of the inspection procedures.



WHAT DO YOU WANT TO INSPECT?



Only those who have more than 30 years of experience and specialized expertise in X-ray solutions can bring the maximum security that prison units needs.

SPECTRUM BODYSCAN

The **Spectrum Bodyscan** was developed by prison security experts to provide a high level of control and security in the personal inspection procedures of detainees, visitors and professionals involved in the day-to-day life of prison units.



SHIELDING





Smart and non-invasive inspection



INTEGRATED DOSIMETER

Identification of the size of the inspected individual to adjust the x-ray dosage.



VIDEO CAMERAS IN THE INPUT AND OUTPUT OF THE INSPECTION PORTAL

A strategically positioned camera system makes it possible to legally record the liability of an illegal object.



DETECTORS UNDER THE MAT

Detectors under the mat for viewing illicit objects on the sole of the shoe.



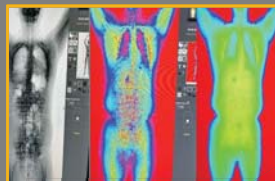
FACIAL RECOGNITION SYSTEM

Facial recognition system for reception, inspection and user exit with sensors to identify the person on the mat.



ARTIFICIAL INTELLIGENCE FOR AUTOMATIC IDENTIFICATION OF ILLICITS

Gain speed and assertiveness with innovative software capable of automatically finding the most diverse illicit acts.



REGISTRATION AND INTEGRATION SYSTEM WITH EXISTING EQUIPMENT

The Spectrum system allows integration with existing equipment.

SAFE RADIATION

SEE THE RADIATION RELATIONSHIPS IN INSPECTION PROCEDURES USING SPECTRUM BODYSCAN AND OUR DAILY ACTIVITIES

COMPARATIVE



140.000

SYSTEMS FOR SMALL VOLUMES INSPECTION



SPECTRUM
6040M



SPECTRUM
6040



SPECTRUM
6040DV



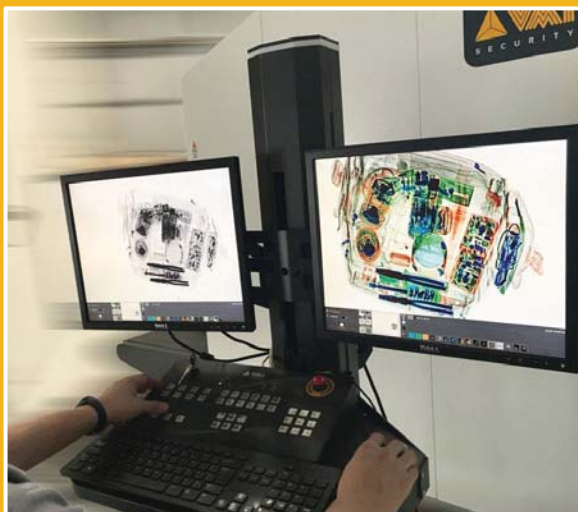
SPECTRUM
7560



SPECTRUM
6550



SPECTRUM
5536



**TALK TO OUR CONSULTANTS AND
KNOW WHO ALREADY ARE USING
VMI SECURITY SOLUTIONS**

More control and speed in the inspection of bags, backpacks and small objects.

Available in Single and Dual View versions, with an innovative illicit detection system, VMI Security's Spectrum series equipment were developed to meet the standards necessary by security systems that require more speed and a high level of control in the inspection of bags, backpacks and small objects.

Compact and easy to install, the Spectrum series equipment have a high penetration function in steel and a high-resolution LCD monitor, providing an image generation of incomparable standard. VMI solutions can be integrated with Spectrum Bodyscan and have a camera and UV disinfection system.

Agile and precise small volumes inspection.



ARTIFICIAL INTELLIGENCE FOR AUTOMATIC IDENTIFICATION OF ILLICITS

Gain speed and assertiveness with innovative software capable of automatically finding the most diverse illicit acts.



SOFTWARE 3D PERSPECTIVE

Viewing from different perspectives improves the analysis considerably and allows you to see different angles of possible threats.



UV LAMPS FOR DISINFECTION

An exclusive UV lamp system allows all inspected products and objects to be disinfected automatically.



VIDEO CAMERAS IN THE INPUT AND OUTPUT OF THE INSPECTION TUNNEL

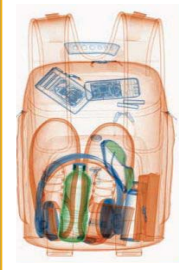
Through a camera system positioned at the entrance and exit of the inspection tunnel, it is possible to verify the responsibility of a specific offense.







INTEGRATED CONTROL AND REGISTRATION



With an integration between Bodyscan and other equipment of the Spectrum series, it is possible to relate the objects with the inspected individuals, leaving no doubt as to the authorship of the identified illicit acts.



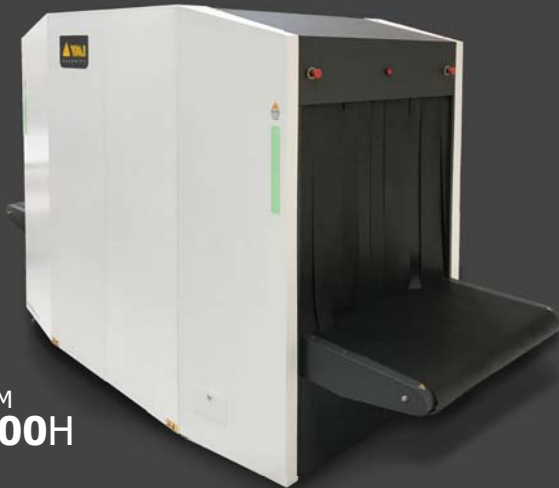
VMI X-RAY SYSTEMS AUTOMATICALLY DISCRIMINATE MATERIALS BY COLOR.

Color	Materials	Examples
	Organic	Hydrogen, Carbon, Nitrogen, Oxygen (plastic, paper, water, wood, food, some explosives and clothing)
	Mixed	Aluminum, Sodium, Chlorine, Salt, among others
	Inorganic	Iron, Nickel, Copper, Silver, among others.
	Low penetration region	High density and thickness materials.



EQUIPMENT FOR GREAT VOLUMES INSPECTION

Identification of threats on pallets and large volumes.



SPECTRUM
100100H



SPECTRUM
100100DV



SPECTRUM
150180

The VMI Spectrum series of equipment for inspecting pallets and large volumes is available in Single and Dual View versions.

VMI Security's X-ray solutions have powerful generators, with a high penetration function, which guarantee clear images of objects with automatic color differentiation. Capable of a fast and efficient inspection process, our equipment allows a complete tracking of loads on pallets and large volumes.



COMPLETE & INTEGRATED SOLUTION

SYSTEMS
SPECTRUM



Portal +
Garrett



GARRETT SMARTSCAN

Smartscan is an accessory of the Garrett Portal that allows the measurement of body temperature during inspection processes.



GARRETT QUICK-Q

Garrett's Quick-Q automatically differentiates mobile phones from other possible threats, allowing for faster inspection procedures.

Super Scanner V

It is a manual metal detector with a detector head 8" (20.3cm) long, with high sensitivity that allows to detect ferrous and non-ferrous metals when approaching the object.



Spectrum systems from VMI Security can be easily integrated with the Garrett Metal Detection Portal, providing a more complete procedure for inspecting people and objects.

The Garrett Portal has multiple receivers distributed inside, high density transmitters with low radiation and advanced programming that allows detection adjustments and high sensitivity. The portal has 33 independent detection zones and a light bar on both side panels that light up at the height and on the side where the metallic object is detected.

CCTV



INTEGRATION



VIDEO



ONVIF

VMI Spectrum series systems are ONVIF approved

Total monitoring with intelligent tracking that integrates video surveillance systems with equipment from the Spectrum series.

Open Network Video Interface Forum allows the creation of another level in the security system and integration with other tools. With this solution, the images generated during the baggage inspection process and those of people when they place their belongings on the conveyor belt, are sent to a Video Monitoring Center, allowing a more strategic management and continuous remote monitoring.



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Talk to our consultants and request a solution for your organization.



www.vmisecurity.com