



Rapiscan Systems | AS&E



Part of the OSI Systems family of security companies



**INSTALLATION
technologies**

Rapiscan
systems

AS&E

IN A WORLD WHERE THREATS CONTINUE TO EVOLVE and concealment techniques are becoming more sophisticated, our customers are facing more complex, difficult missions than ever. Every day, we strive to create screening solutions that are on the cutting edge of innovation, using the most advanced technology, to help them solve their detection challenges.

We deliver products and services that help our customers find threats and contraband with ease and confidence, while maximizing operational efficiency. Our global service network enables us to respond to customer needs quickly and provide exceptional support, because we know that every moment of uptime is critical.

We understand the importance of our customers' missions — from uncovering trade fraud, to combating terrorism, to detecting drug and weapons smuggling, to exposing illegal immigration. That's why it's our mission to help them succeed.



TIONS

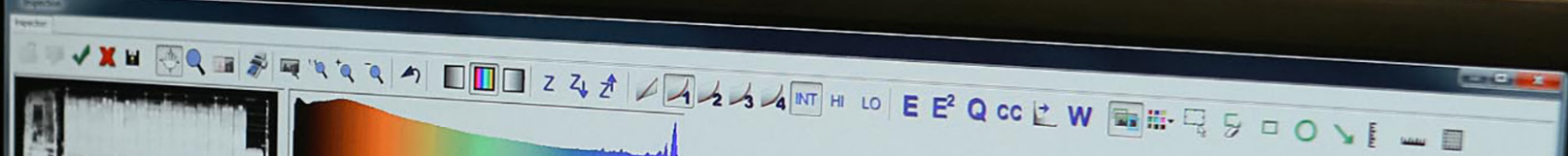
Start

City

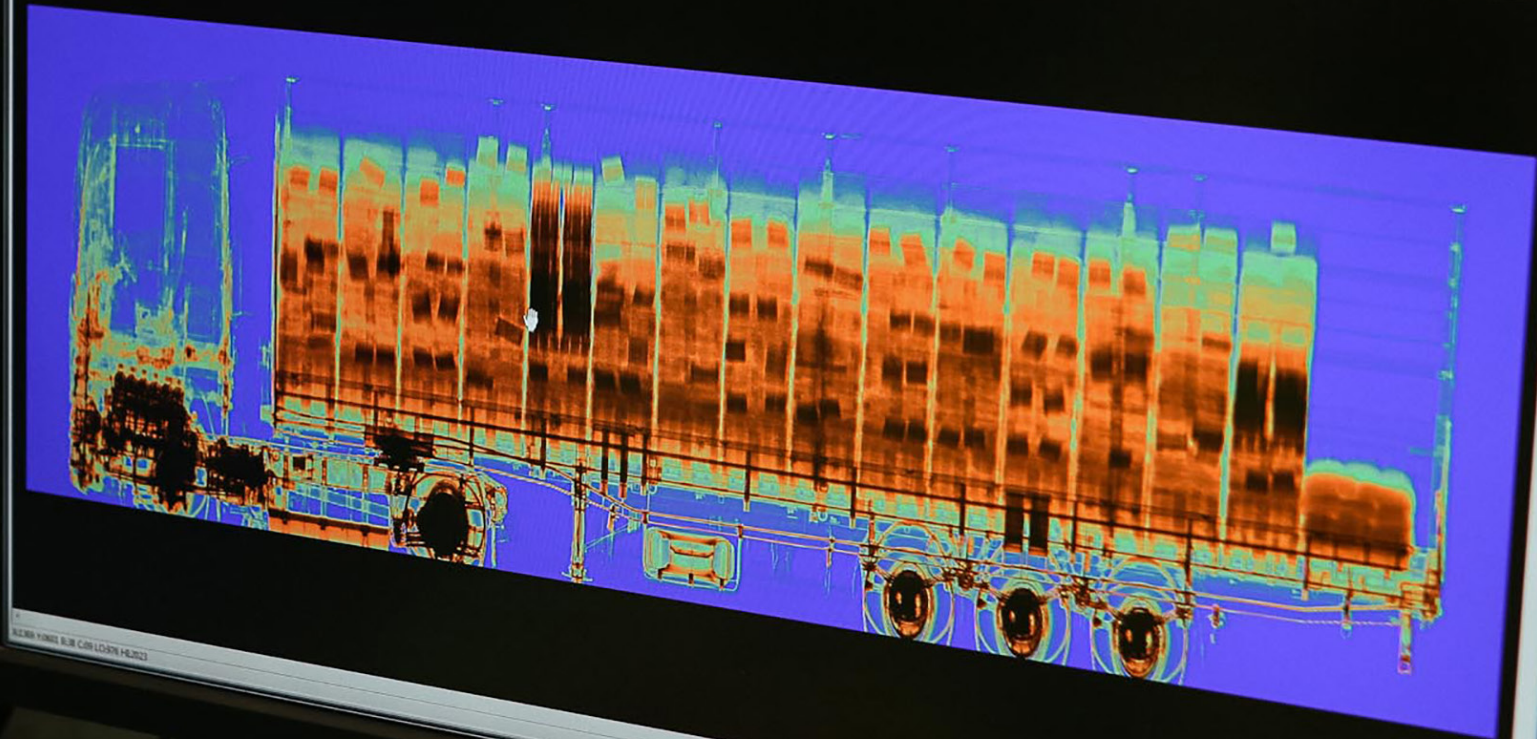
nd

el

Inspector



INT HI LO E E² Q cc W



ALEXIA KINOSI, BLUE CUBE (L4078) H-2023

DELL

REAL-WORLD EXPERIENCE YOU CAN RELY ON

Elite customers in strategic markets choose **Rapiscan Systems | AS&E** to help them protect critical borders, ports, high-threat facilities, and checkpoints. With more than 2,000 cargo and vehicle inspection systems sold in over 100 countries around the world, we have established an unparalleled global service, parts, and manufacturing network equipped with local market knowledge to ensure each customer receives a timely and efficient response.

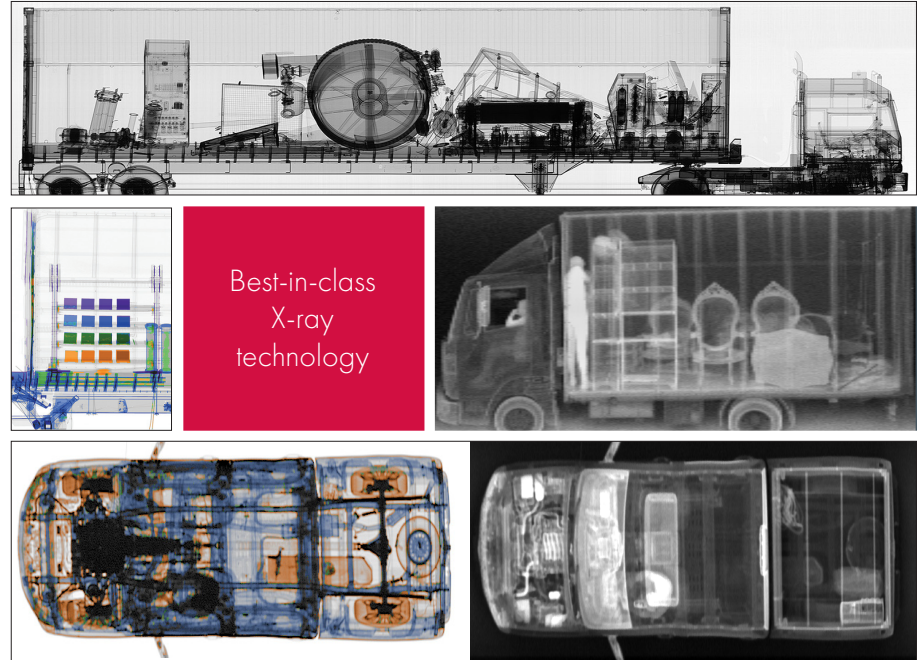
Our customers rely on us to maintain the continued operation of their screening solutions — and we strive to consistently provide the unsurpassed service and support they have come to expect from our organization.



INDUSTRY-LEADING TECHNOLOGY TO HELP YOU FIND THREATS AND CONTRABAND

Best-in-class images start with cutting-edge X-ray technology. With more than 75 years of collective experience in X-ray imaging and a commitment to innovation, our advanced technology facilitates detection of a multitude of threats and contraband, ensuring our cargo screening systems meet the most demanding requirements.

- **High-energy, dual-energy transmission** technology penetrates dense cargo to generate colorized X-ray images that discriminate between organic and metallic materials
- **Z Backscatter®** technology provides photo-like images that highlight organic threats and contraband, including explosives, currency, and drugs
- **Complementary imaging** uses both transmission and Z Backscatter technologies for improved manifest verification and threat detection



TOP: High-energy transmission; MIDDLE LEFT: Dual-energy transmission with material discrimination; MIDDLE RIGHT: Z Backscatter; BOTTOM: Complementary imaging with transmission and Z Backscatter

THE RIGHT SOLUTION

**FROM THE LEADING PROVIDER OF
CARGO SCANNING PRODUCTS
AND SERVICES**





































FOR YOUR MISSION

Whether you need to scan vehicles at a busy checkpoint, screen densely loaded cargo at a congested port, or simply require a screening system that delivers high value at a low cost of ownership, our deep industry expertise and broad array of screening systems ensure we can define and deliver the ideal solution for each mission.

Our range of high-to-low energy cargo and vehicle screening systems comes in a variety of configurations — mobile, portal, gantry, rail, trailer, air cargo, and handheld — and many leverage multiple X-ray technologies to simultaneously provide multiple views of the scanned object for greater assistance with detection.

Our commitment to excellence in imaging performance, innovative design, and uncompromising quality means our solutions consistently deliver best-in-class imaging, high reliability, and operator satisfaction, to help you find more threats and contraband with ease and confidence.



PRODUCT	DESCRIPTION	INSPECTION	PLATFORM	ENERGY LEVEL	X-RAY TECHNOLOGY
MOBILE	Rapidly deployable, relocatable screening for space-constrained or remote applications	ZBV		225 keV	 
		M25		2.5 MeV	
		M60		6 MeV	
PORTAL	High-throughput, drive-through screening of passenger vehicles, trucks, and cargo	CarView		225 keV	 
		Z Portal	 	225 keV	 
		P60		6 MeV	
		Sentry		7.5 MeV	
		Sentry + Z Portal		7.5 MeV	 
GANTRY	Powerful, high-energy X-ray imaging system on rails for scanning dense cargo	G60		6 MeV	
		OmniView		6 MeV	
		OmniView ZBx		6 MeV	 
RAIL	Rapid, high-energy scanning for rail cargo applications	R60		6 MeV	
		R90		9 MeV	
TRAILER	Rapidly deployable relocatable imaging on a towable trailer	T25		2.5 MeV	
		T60		6 MeV	
AIR CARGO	High-energy inspection of air cargo containers and pallets	A25		2.5 MeV	
HANDHELD	On-the-go detection of drugs, currency, and organic threats	MINI Z		70 keV	

 **Transmission** — Uses high and low energies to produce colorized X-ray images that discriminate between organic and metallic materials, facilitating operator image analysis

 **Z Backscatter** — Provides photo-like images that highlight organic threats and contraband, including explosives, currency, and drugs

MOBILE

For remote or space-constrained environments, our range of high-to-low energy mobile screening systems provides a flexible, easily maneuverable solution for cargo and vehicle screening at seaports, border crossings, and checkpoints. Whether inspecting dense cargo or screening passenger vehicles for threats and contraband, our mobile screening systems deliver real-time transmission and Z Backscatter[®] images for rapid analysis.



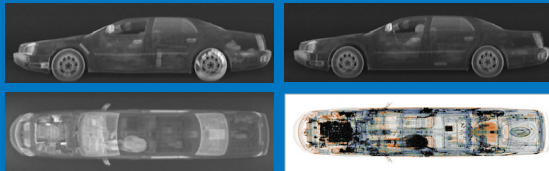
TOP: High-energy transmission image
BOTTOM: Z Backscatter image

CLOCKWISE FROM TOP LEFT: AS&E ZBV[®] System; Rapiscan Eagle[®] M25; Rapiscan Eagle[®] M60

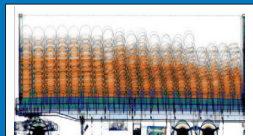


PORTAL

Our range of high- and low- energy portal systems offers drive-through screening of cars, trucks, and cargo to assist with the detection of explosives, drugs, alcohol, and other contraband. Ideal for heavy traffic gateways, our high-throughput portal systems deliver superior imaging and operational flexibility to help protect against trade fraud and threats, without slowing the flow of commerce.



Three-sided Z Backscatter® images and top-down transmission X-ray image



High-energy transmission X-ray with material discrimination

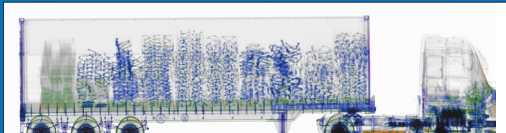
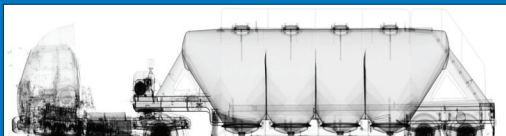


CLOCKWISE FROM TOP LEFT: AS&E CarView™; Rapiscan Eagle® P60; AS&E Z Portal®; AS&E Sentry® Portal; AS&E Sentry® + Z Portal



GANTRY

Our high-performance gantry inspection systems use the industry's most advanced imaging technologies — high-energy transmission and Z Backscatter® — to reveal threats and contraband and verify contents in dense cargo, alleviating the need to manually inspect each container. With our material discrimination technology, operators can visually differentiate classes of material such as low-density explosives and drugs, and high-density materials such as steel for fast, efficient screening.



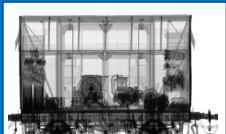
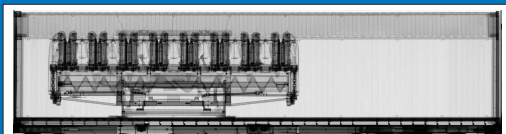
TOP: High-energy transmission image
BOTTOM: Dual-energy transmission image
with material discrimination



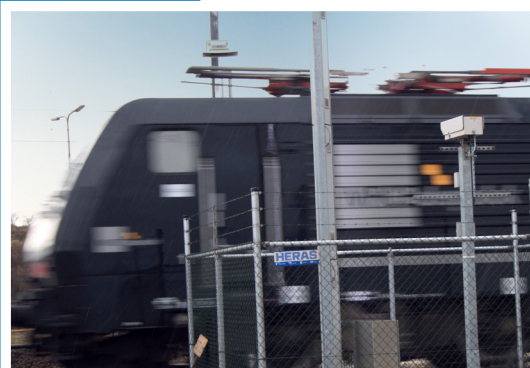
CLOCKWISE FROM TOP: Rapiscan Eagle® G60; AS&E OmniView® System; AS&E OmniView® ZBx System

RAIL

Our high-energy rail systems deliver automated, rapid scanning of rail cargo as it passes through the system. Our cutting-edge rail cargo systems support single- or multi-track operations as well as single-direction or bi-directional scanning, and scan all types of non-passenger rail freight — including cargo containers, double-stacked containers, and two 20-foot containers on rail cars.



TOP: Transmission image of a 40-ft container
BOTTOM: Transmission image of a rail car



TOP: Rapiscan Eagle® R60; BOTTOM: Rapiscan Eagle® R90



TRAILER

Our trailer-mounted, drive-through X-ray inspection systems deliver fast, accurate, and efficient cargo screening to verify contents and identify the presence of hidden contraband, such as weapons, explosives, and drugs. The trailer is fully self-contained and easily towed and deployed — an ideal solution for changing operational requirements at locations such as seaports, border crossings, and checkpoints.



Transmission image of a trailer and cab using CabScan® mode



TOP: Rapiscan Eagle® T60; BOTTOM: Rapiscan Eagle® T25



AIR CARGO

With high-penetration and best-in-class imaging, our powerful, high-energy air cargo screening systems safely and efficiently inspect single- or mixed-commodity air cargo pallets and containers. Designed specifically for air cargo facilities and operations, the systems automatically scan cargo as it moves through the inspection tunnel, maximizing throughput to support busy inspection operations.

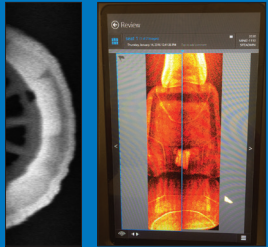


Rapiscan Eagle® A25



HANDHELD

When you need on-the-go detection of drugs and organic threats, our MINI Z[®] handheld system is the ideal solution. A compact, single-sided Z Backscatter[®] imaging system, the MINI Z can scan in hard-to-reach areas, making it an effective tool for scanning furniture; packages; vehicle tires; and interiors of cars, boats, and aircraft.



LEFT: Z Backscatter image of drug simulants hidden in a tire
RIGHT: Composite image with color palette applied highlights marijuana simulant hidden in a car seat

AS&E MINI Z System



NOTABLE SEIZURES

OUR SYSTEMS DELIVER PROVEN RESULTS

With the help of the **Rapiscan Eagle® M60** high-energy mobile inspection system, more than **two tons of marijuana worth \$2.3 million** were discovered in two commercial shipments at a border crossing.



As part of an effort to combat drug trafficking in the Cusco and Ayacucho regions, the narcotics division of the Peru National Police seized more than **800 kilos of cocaine** with the help of the **ZBV®** system.



At the Port of Durres in Albania, a **Rapiscan Eagle®** high-energy inspection system helped detect 64 packages containing **69 kg of cannabis** concealed in a hidden compartment of a truck transporting a load of wood.



11.25 pounds of heroin with a street value of \$360,000 were seized in El Paso, Texas, with the help of our **Z Portal®** system that scanned a vehicle entering the port from Mexico. The heroin was hidden in the driver-side, rear-door compartment.



In the Middle East, the **ZBV** mobile scanning system's **Z Backscatter®** technology helped detect **chemicals used to make improvised explosive devices** that were hidden in the back of a truck.



The Yunnan MOPS Drug Enforcement Agency used the **MINI Z®** handheld imaging system to scan baggage at various checkpoints along bus routes and successfully seized **drugs hidden in the luggage of a passenger bus**.



Whether you need to scan baggage at a congested airport or perform people screening at a key checkpoint, Rapiscan Systems also offers a broad array of cutting-edge baggage, parcel, and personnel inspection systems. Since 1993, Rapiscan Systems has been providing state-of-the-art screening solutions for the detection of solid and liquid explosives, weapons, nuclear and radiological threats, drugs, dangerous goods, and other contraband.

Baggage & Parcel Inspection | Hold Baggage Screening | People Screening | Radiation Detection | Trace Detection

AVIATION
SECURITY
Rapiscan
systems
An OSI Systems Company

SERVICE AND SUPPORT

Rapiscan Systems | AS&E Global Technical Support and Customer Service teams ensure your X-ray inspection systems are serviced quickly and efficiently. Our maintenance and support services are available 24 hours a day, 365 days a year, and spare parts depots are maintained strategically around the globe to ensure that systems are repaired in a timely and cost-effective manner. We offer interactive, hands-on product training, as well as classroom instruction at our state-of-the-art training facilities or at customer sites around the world.

GLOBAL SUPPORT

Technical Support and Customer Service teams ensure your systems are serviced in the most efficient manner possible

PRODUCT TRAINING

Training is offered onsite at our state-of-the-art U.S. and U.K. manufacturing facilities, or at customer sites around the world

SPARE PARTS DEPOTS

Maintained in strategic locations around the globe to ensure that systems are repaired in a timely and cost-effective manner

MULTI-VENDOR SERVICES

A single point of contact for the service and support of all of your Rapiscan | AS&E and third-party security equipment and peripherals



FOR MORE INFORMATION

Official Distributor and Service Partner for the
Caribbean, Suriname & Guyana

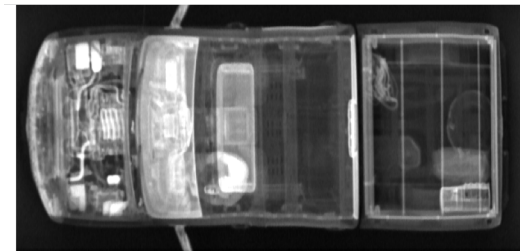
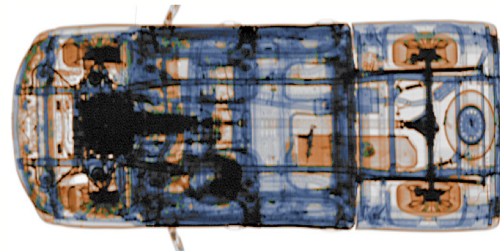
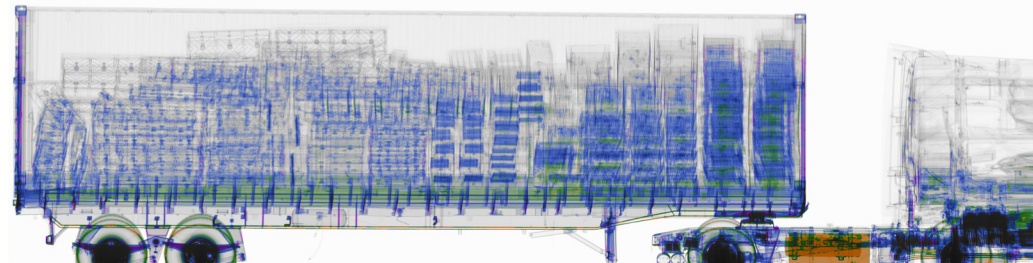
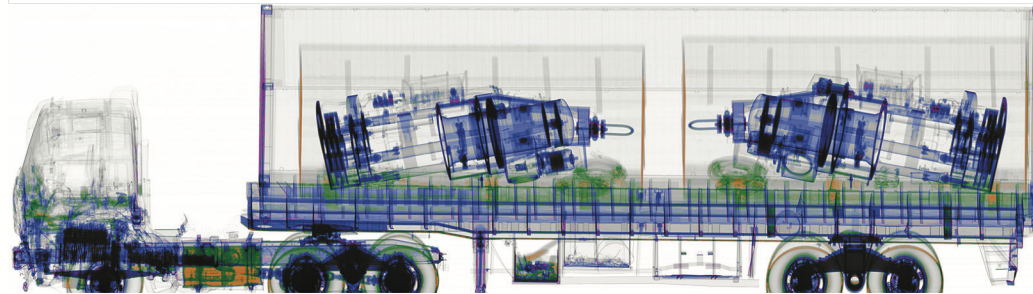
Installation Technologies International B.V.
Willemstad, Curaçao

Contact us

rapiscan@it.cw

+5999 461 1532

www.it.cw



**INSTALLATION
technologies**

Rapiscan
systems

AS&E