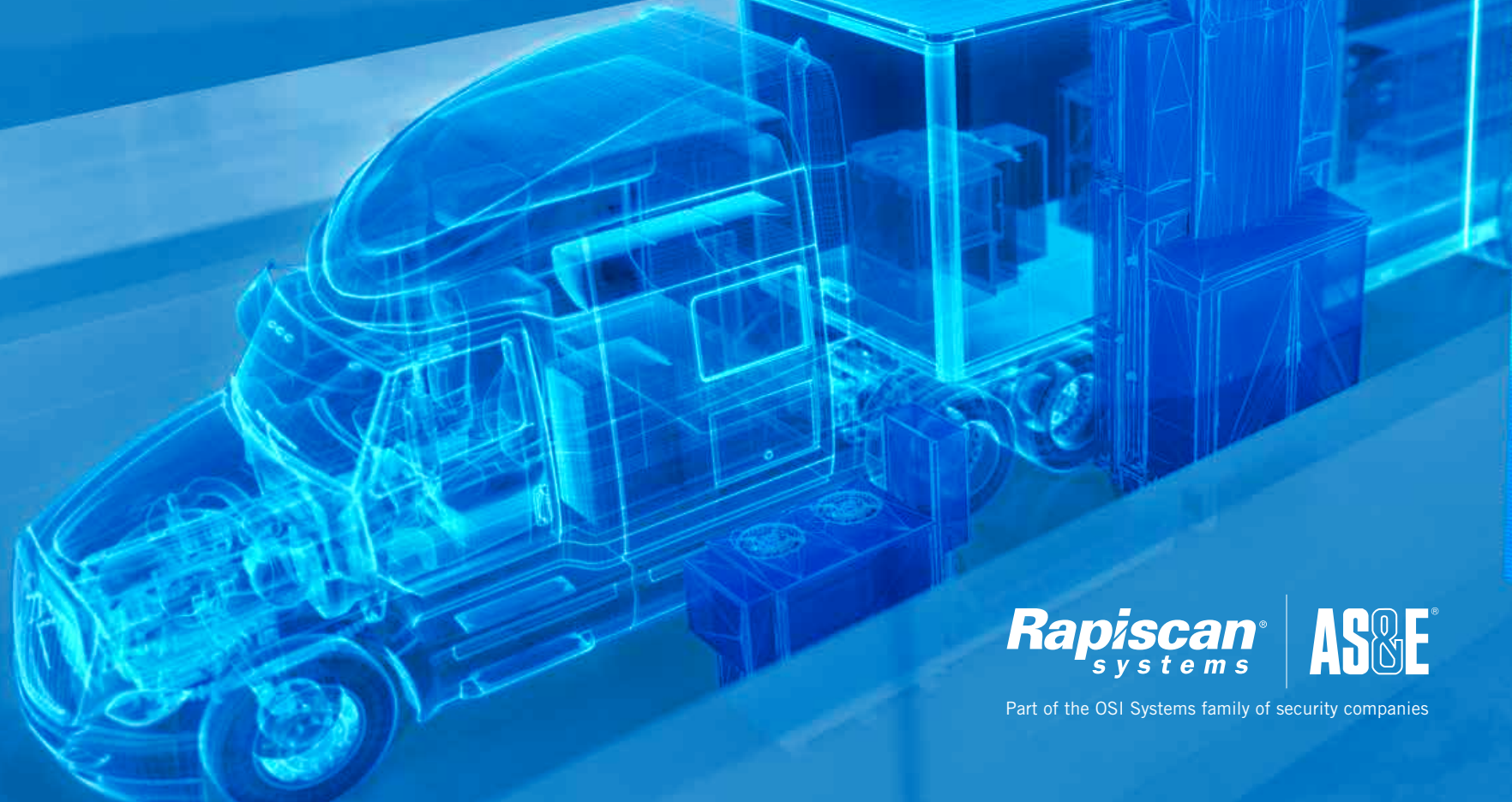


CARGO & VEHICLE

X-RAY INSPECTION & RADIATION DETECTION



Rapiscan[®]
systems

AS&E[®]

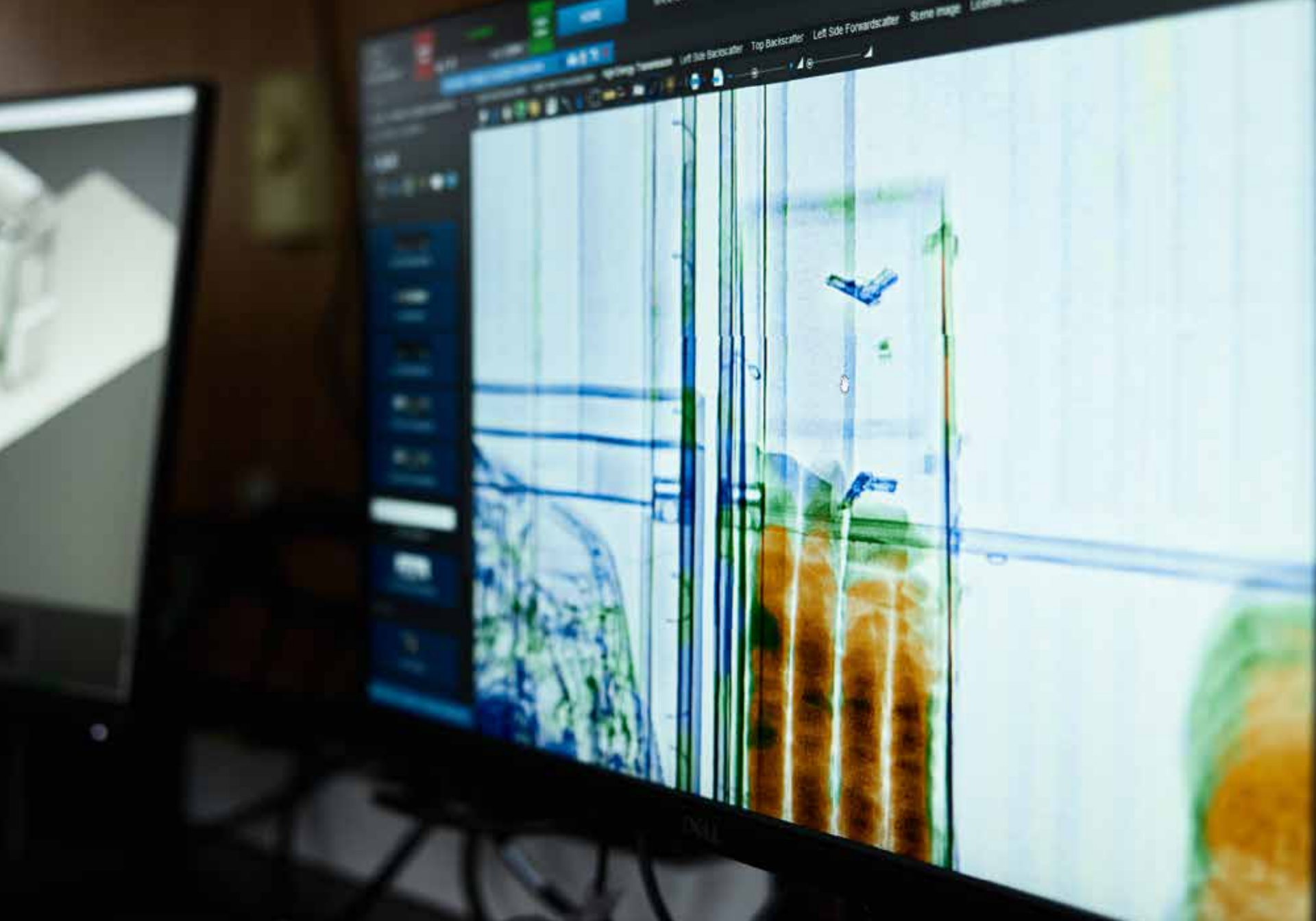
Part of the OSI Systems family of security companies

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.





THE RIGHT SOLUTION

**FROM THE LEADING PROVIDER OF X-RAY
INSPECTION AND RADIATION DETECTION
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 an inspection 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.

BEST-IN-CLASS DETECTION

Our range of high-to-low energy cargo and vehicle X-ray screening systems comes in a variety of configurations—mobile, portal, gantry, rail, trailer, conveyor, and handheld—and many leverage multiple X-ray technologies to simultaneously provide multiple views of the scanned object for greater assistance with detection. We also offer a broad range of best-in-class radiation detection systems that detect, locate, and identify radioactive sources in cargo, vehicles, and baggage, and on pedestrians.

QUALITY YOU CAN RELY ON

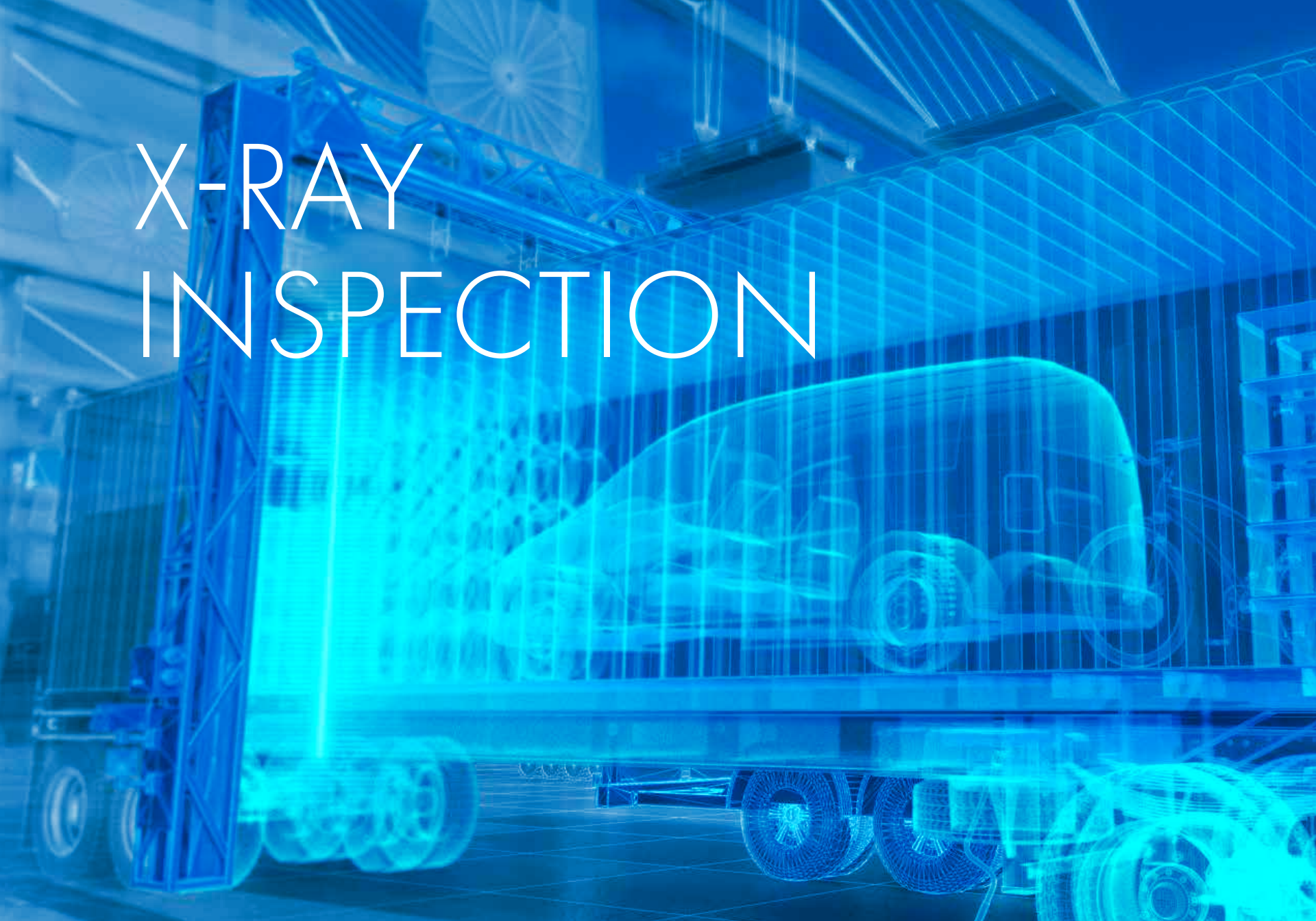
Our commitment to excellence in system performance, innovative design, and uncompromising quality means our solutions consistently deliver best-in-class detection, high reliability, and operator satisfaction, to help you find more threats and contraband with ease and confidence.

REAL-WORLD EXPERIENCE

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 program management team as well as an expansive global service, parts, and manufacturing network.

Our service team is equipped with local market knowledge to ensure each customer receives a timely and efficient response to maintain the continued operation of their screening solutions.

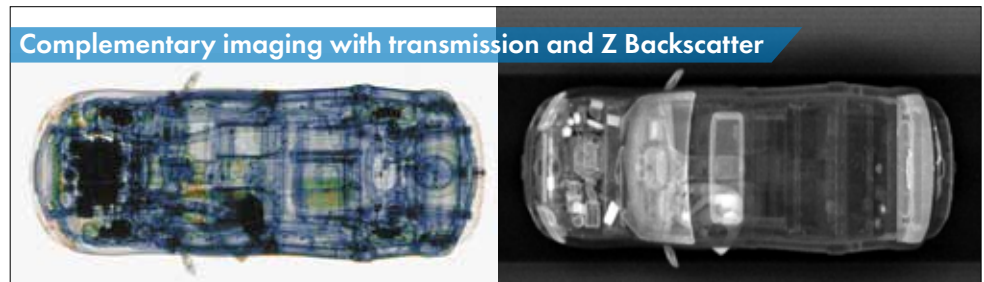
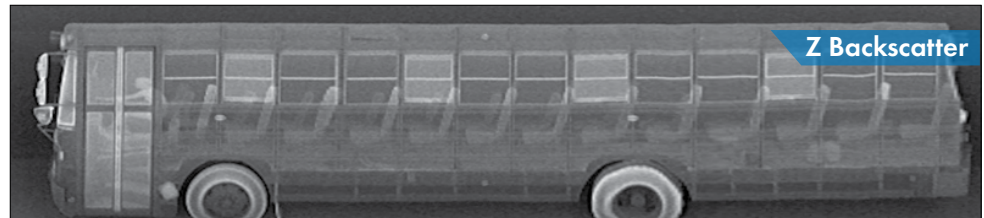
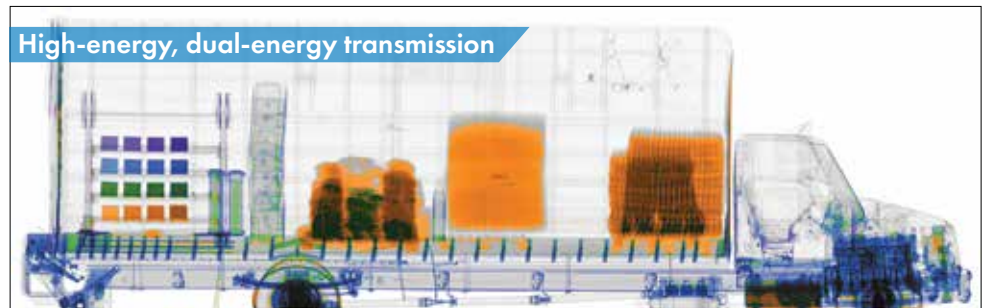
X-RAY INSPECTION



INDUSTRY-LEADING X-RAY INSPECTION TECHNOLOGY TO HELP YOU FIND THREATS AND CONTRABAND

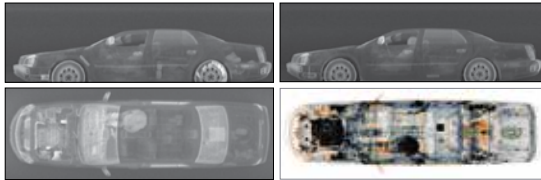
Best-in-class images start with cutting-edge X-ray technology. With more than 50 years of experience in X-ray imaging and a commitment to innovation, our advanced technology facilitates detection of a multitude of threats and contraband, ensuring our cargo screening systems meet the most demanding requirements.

- **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.



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

Eagle P60 ZBx



Eagle P60



Z Portal



CarView InLane



CarView



Sentry Portal

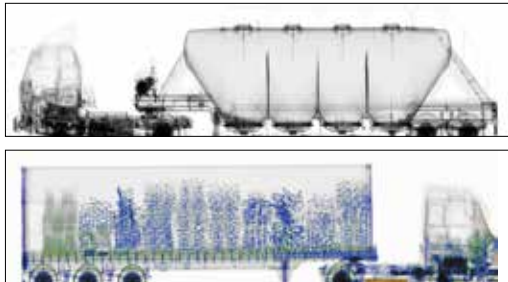


Eagle P25



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 drugs and high-density weapons. Our offering also includes a gantry for scanning occupied or unoccupied passenger vehicles.



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



Eagle G60 ZBx



Eagle G60



OmniView ZBx System



OmniView



Eagle C25

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



ZBV System



Eagle M60



Eagle M60 ZBx



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

Eagle T60



Eagle T60 ZBx

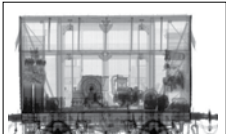
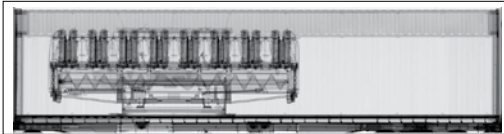


Eagle T25



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.

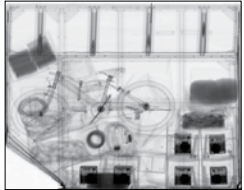


TOP: Transmission image of a 40-ft container
BOTTOM: Transmission image of a rail car



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.

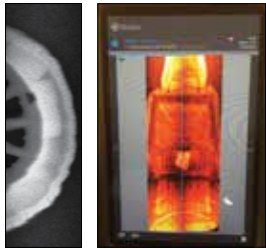


Transmission image of an LD-3 container



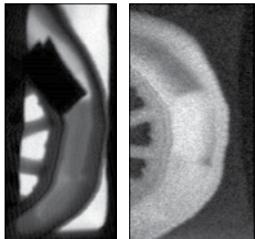
HANDHELD

The MINI Z[®] handheld system is ideal for on-the-go detection of drugs and organic threats. A compact, single-sided Z Backscatter[®] imaging system, the MINI Z scans in hard-to-reach areas, making it an effective tool for scanning car doors and fenders; furniture; packages; 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



LEFT: The transmission image, generated with the Enhanced Detection Panel option for the MINI Z, reveals a lead box (used to conceal narcotics) welded to a tire rim

RIGHT: The Z Backscatter image highlights drugs placed in the tire itself



RADIATION DETECTION



RADIATION DETECTION TECHNOLOGY

PROVEN AND RELIABLE TECHNOLOGY THAT DETECTS, LOCATES, AND IDENTIFIES RADIOACTIVE SOURCES

Trusted worldwide, our best-in-class gamma and neutron radiation detection systems exceed the strict requirements demanded by today's security professionals tasked with border, nuclear, industrial, public, or national protection. Our innovative technology detects, locates, and identifies radioactive sources.

- **PASSIVE RADIATION DETECTION** is the safest and most efficient means of detecting gamma and/or neutron radiation for locating concealed threats, monitoring the environment in and around high-profile facilities, and performing geological surveys.
- **GAMMA SPECTROSCOPY** accurately identifies radioactive materials and provides discrimination between Naturally Occurring Radioactive Material (NORM), medical, industrial, and Special Nuclear Material (SNM).
- **SOFTWARE TECHNOLOGY** enables remote oversight of the inspection process, capturing and displaying data and video images relating to a radiological detection incident for rapid location.



STATIONARY

VEHICLE, CARGO, AND CONVEYOR PORTALS

Our radiation portal monitors are designed to detect and identify gamma and neutron sources concealed in trucks, trains, cargo containers, passenger vehicles, or parcels—without disrupting the flow of commerce. Our portals detect and identify radionuclides, discriminating between naturally occurring radioactive materials (NORM), medical and industrial isotopes, and special nuclear materials (SNM), which dramatically reduces the need for manual inspections.

GCS-1500 Series



GCS-SPEC-4GN



TM850



VM250



CM268-Split



CM267



CM620



STATIONARY

PEDESTRIAN PORTALS

Protecting individuals, events, and critical infrastructure while maintaining the free flow of pedestrians in areas with high foot traffic are the key objectives of our pedestrian portals. Whether a permanent screening site at airports, seaports, or train stations; a temporary screening site at outdoor events; or in response to disaster containment, our pedestrian portals accurately discriminate between illicit and legal isotopes, detecting potential problems without disrupting individuals' movement.

PM-SPLIT-GN



TPM905



PM700



MOBILE

GROUND, AERIAL, AND MARINE

Rugged and customizable, our mobile radiation detection systems operate in remote locations under the harshest conditions. Our gamma and neutron monitoring technology is unmatched in detecting sources and identifying radionuclides—legal, illegal, and naturally occurring—when scanning for threats or performing geological surveys.

GMS-4x4 CONFIGURABLE



GMS-4x4 MARINE



GMS-4x4 VAN



GMS-4x4 AERIAL



MD134



MD210



PORTABLE

BACKPACK, HANDHELD, AND FIELD KIT

Our compact, lightweight portable radiation detection systems have been employed by military professionals, law enforcement, and first responders for more than 15 years. The systems offer high sensitivity gamma and neutron detection and identification of Naturally Occurring Radioactive Material (NORM), legal isotopes, and Special Nuclear Material (SNM) in a handheld, backpack, or military kit form factor.

Guardian Patriot



Guardian Syclone



PRM470



NG-Kit





PROGRAM MANAGEMENT, SERVICE, & SUPPORT

DEDICATED PROGRAM MANAGEMENT



Our dedicated program management team works closely with customers to efficiently develop, deploy, and install our cargo and vehicle inspection systems.

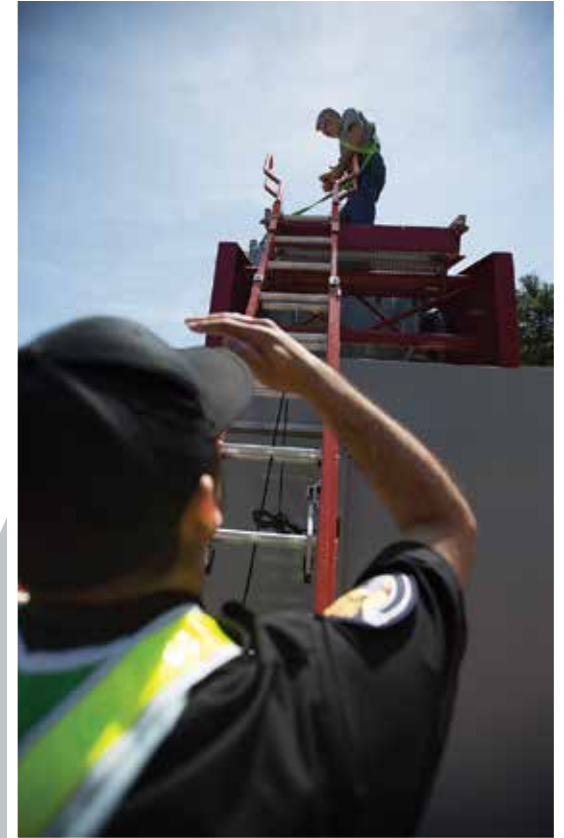
Our detailed approach begins before contract award and continues through all phases of the project, including planning, scheduling, civil work construction, installation, commissioning, and post-installation training and support. The team consists of hands-on leaders with backgrounds in engineering and business, coupled with years of experience managing installations around the world. With a proven track record of timely deliverables and system deployments, customers can rely on us to efficiently deliver the ideal inspection solution for their operation.

WORLD-CLASS SERVICE & SUPPORT

DEDICATION AND EXPERTISE CUSTOMERS CAN RELY ON

Our Global Technical Support and Customer Service teams ensure your inspection systems are serviced quickly and efficiently, with maintenance and support services available 24 hours a day, 365 days a year.

- **GLOBAL SUPPORT:** Technical Support and Customer Service teams ensure your systems are serviced in the most efficient manner possible.
- **FIELD SERVICE PACKAGES:** Each of our service packages—Platinum, Gold, Silver, and Bronze—offers expert corrective maintenance with labor, services, parts, packaging, and shipping, depending on the package. For mobile systems, we also offer bumper-to-bumper vehicle support that covers the chassis of the system.
- **PRODUCT TRAINING:** Comprehensive operator training along with proactive preventive and corrective maintenance courses are offered onsite at our state-of-the-art U.S. and U.K. manufacturing facilities and at customer sites around the world. Courses enable customers to perform basic and intermediate preventive and corrective maintenance on our equipment.
- **SPARE PARTS DEPOTS:** Our spare parts depots are maintained in strategic locations around the globe to ensure that systems are repaired in a timely and cost-effective manner.
- **MULTI-VENDOR SERVICES:** Our support and services are extended to serve as a single point of contact for all of your Rapiscan | AS&E and third-party security equipment and peripherals.



FOR MORE INFORMATION

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