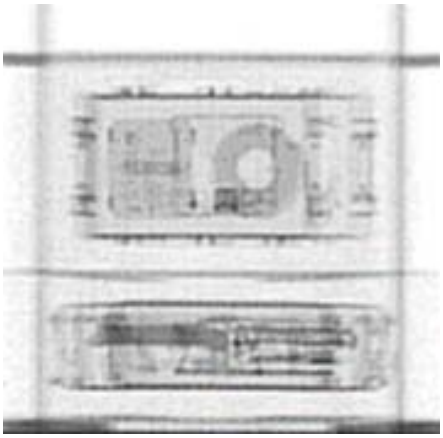
Pallet VACIS® gamma-ray imaging system

A powerful nonintrusive imaging solution for palletized cargo.



The Pallet VACIS system provides images of palletized cargo through more than six inches of steel.

SAIC's Pallet VACIS imaging system helps trained operators see the contents of palletized cargo containers, assisting them in intercepting weapons, contraband, and other items of interest and verifying shipping manifests.

The Pallet VACIS system's conveyor belt moves cargo quickly through the system, enhancing throughput. The system's powerful gamma-ray source and patented detectors penetrate more than six inches of steel, allowing operators to view even dense cargo. The system's dose per scan is extremely low, enhancing safety for operators and bystanders and allowing operation of the system without an additional controlled access area outside the cabinet.

Combining convenient conveyor belt operation with powerful gamma-ray imaging technology proven in hundreds of VACIS systems installed around the globe, the Pallet VACIS system is an ideal imaging solution for air and ground cargo carriers, security services, or wherever nonintrusive imaging of palletized cargo is required.

SAIC®
From Science to Solutions

The Pallet VACIS system scans a wide range of palletized cargo.

Capabilities:

- Three-section conveyor belt enhances throughput
- Extremely low radiation dose enhances safety for operators and bystanders
- Accommodates LD-1, LD-2, LD-3, LD-4, LD-8, LD-11, and P9A or equivalent aircraft cargo containers
- Penetrates over six inches of steel
- Provides video of system interior and exterior

Options:

- Operator booth

Powerful, convenient imaging

The Pallet VACIS system images stationary targets positioned within the system's inspection cabinet. The system's source and detectors move synchronously along the target object's full height. A three-section, independently-controlled conveyor belt moves pallets into and out of the inspection cabinet to enhance throughput. Video cameras inside and outside the system's cabinet provide full remote visibility during scanning operations.

The Pallet VACIS system accommodates LD-1, LD-2, LD-3, LD-4, LD-8, LD-11, and P9A aircraft cargo containers or their equivalent. Containers up to 6 ft. (1.8 m) long can be imaged in a single pass — longer pallets can be imaged with multiple passes.

Wide range of applications

The Pallet VACIS unit is ideal for a variety of industrial or military applications, including screening of cargo at customs facilities and checkpoints, seaports, airports, or land borders. Aviation facilities can use the system to scan incoming or outgoing air cargo. Ground transportation carriers and security services can scan pallet and break-bulk cargo to verify manifests and intercept weapons, contraband, or other items of interest.

Focus on safety

SAIC's patented detector technology allows trained inspectors see the contents of closed palletized cargo through more than six inches of steel. The system's direct radiation dose per scan to cargo is extremely low, and the scatter dose to operators and bystanders (who are never scanned directly) is even lower.

SAIC — a world leader

SAIC is a world leader in nonintrusive imaging technology, with hundreds of systems installed for government and commercial clients around the world. Every VACIS system is backed by SAIC's dedicated installation, training, maintenance and technical support.

SAIC Security and Transportation Technology
2985 Scott Street | Vista, CA 92081
866.SAF.TRAN (866.723.8726) | sectrans@saic.com
Visit us online at **www.saic.com/security**

Energy | Environment | National Security | Health | Critical Infrastructure

SAIC® From Science to Solutions