



ASSETS PROTECTION COMPANY
SECURITY AND SAFETY TRAINING CENTER
(A DIVISION OF SAUDI PETRO GAS COMPANY)

VEHICLE AND CARGO INSPECTION SYSTEMS (VACIS)

A system with high sensitivity detectors which is equipped with mono-energetic gamma-ray source and advanced image processing to detect hidden contrabands, false compartments, weapons, explosives, drugs and other illegal cargoes

- ➡ Inspects tanker trucks, railway cars, containers, air cargo pallets, passenger vehicles.
- ➡ VACIS reveals hidden contraband, stolen vehicles, weapons, explosives and drugs.
- ➡ VACIS Technology: uses mono energetic Gamma-ray source, patented high sensitivity detectors, modular component design and advanced image processing
- ➡ Gamma-ray systems utilize far less radiation than X-ray systems, and are used for numerous commercial purposes, which makes VACIS safe.
- ➡ Advantages of Gamma ray vs. X-ray: safer operation, simplicity of design, smaller size, lower price, faster cycle time, low maintenance cost, very reliable.

VACIS Technology non-intrusively inspects and is designed for:

- ☀ Tanker Trucks
- ☀ Passenger Vehicles
- ☀ Cargo Containers
- ☀ Railway Cars
- ☀ Air Cargo Pallets



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The system, because of its high-sensitivity electronic attributes can reveal, at any given instance, the following:

- ✚ False Compartments
- ✚ Hidden Contraband
- ✚ Weapons
- ✚ Explosives
- ✚ Drugs
- ✚ Stolen Vehicles
- ✚ Other Illegal cargoes

VACIS TECHNOLOGY IMAGING PROCESS DIAGRAM

The instrument system is uniquely designed which features are:

- ✚ Mono Energetic Gamma-ray source
- ✚ Patented High-Sensitivity Detectors
- ✚ Modular Component Designs
- ✚ Advanced Image Processing

