Non-Intrusive Inspection Systems (NIIS)

NIIS has a variety of distinct products that are added to the U.S. Army commander’s “tool box.” Differing characteristics include mobile; rail-mounted, but re-locatable; and fixed-site.

The primary active systems include the following:
- The Mobile Vehicle and Cargo Inspection System (MVACIS) is a truck-mounted system with a nuclear source that can penetrate approximately 6.5 inches of steel.
- The Re-locatable Vehicle and Cargo Inspection System (RVACIS) is a rail-mounted system with the same nuclear source as the MVACIS. Its versatility allows it to be used on either static locations, or deployed on rails within 24 hours to locations on a prepared rail system.
- The Militarized Mobile VACIS (MMVACIS) uses the same gamma source as the other VACIS products, but is mounted on a High Mobility Multipurpose Wheeled Vehicle.
- The Z-Backscatter Van (ZBV) is a van-mounted system that utilizes backscatter X-ray technology. It penetrates only approximately one-quarter inch of steel and is used in static locations where room is limited.
- The Backscatter Vehicle Mounted Trainer is a mobile inspection system for vehicles and cargo that uses the same backscatter X-ray technology as the ZBV. The BVMT trailer contains the X-Ray source and backscatter detectors and the forward scatter trailer contains the forward scatter detectors.
- Personnel Scanners utilizes backscatter X-ray technology to non-intrusively scan people for the presence of explosives, weapons or other contraband and are American National Standards Institute compliant. Depending on the model, these systems can scan between 140 to 240 people per-hour.
- The T-10 Trailer is a high-energy gantry vehicle and cargo scanner which uses a one Mega volts Liner Accelerator that penetrates up to four inches of steel while scanning.
Non-Intrusive Inspection Systems (NIIS)

FOREIGN MILITARY SALES
None

CONTRACTORS
American Science & Engineering, Inc. (Billerica, MA)
Rapiscan Systems (Torrance, CA)
Science Applications International Corp. (SAIC) (San Diego, CA)