

ProVisionTM ATD

Automatic Threat Detection



Security & Detection Systems

Designed to enhance security at any checkpoint, the ProVision ATD quickly screens subjects using safe active millimeter wave (MMW) radio frequency technology to automatically detect concealed objects made of any type of material – both metallic and non-metallic.

ProVision ATD featuring Automatic Threat Detection is an upgradable technology platform that can be enhanced through software updates as new threats evolve or are introduced. Automatic Threat Detection is also available through a field upgrade to existing ProVision systems.

Automatic Detection

Under evaluation by regulators worldwide, Automatic Threat Detection software processes scanned data to determine if the passenger can be cleared through the checkpoint. If a potential threat or issue is identified by the software, an outline highlighting the area(s) of concern is displayed on the operator's control panel over a generic mannequin figure. This information can then be used by security personnel to direct a focused discussion or search.

- Detects all types of materials (metallic and non-metallic): liquids, gels, plastics, powders, metals, ceramics, etc.
- Detects all types of objects: weapons, standard and home-made explosives, contraband, drugs, money, papers, etc.

Safe Technology

Leveraging harmless radio waves, ProVision offers advanced imaging—without any health risks.

- The signals created by ProVision are 10,000 times lower than other commercial radio frequency devices.
- ProVision **does not** use X-rays or ionizing radiation.

High Throughput

ProVision is built for high checkpoint throughput. A quick scan provides checkpoint personnel with the data they need to confidently pass an individual through a checkpoint.

- A seven second total processing time for a complete multidirectional view.
- Scans up 450 people per hour depending on application.
- Reduces need for time-consuming and intrusive pat-down searches.

Image-Free Privacy

ProVision ATD provides an **image-free** solution that eliminates privacy concerns.

- Automatic Threat Detection software eliminates the generation and review of images. Scan data is processed by software without human intervention to determine if any threats are present. Potential threat areas are then presented to the operator using a generic mannequin that resembles a human outline.



L-3 Communications Security & Detection Systems
www.L-3com.com/sds

L-3 has made all reasonable efforts to ensure that the information in this document is accurate and complete, and disclaims any and all warranties for such accuracy and completeness, and is proprietary. This brochure consists of L-3 Communications Corporation general capabilities information that does not contain controlled technical data as defined within the International Traffic in Arms (ITAR) Part 120.10 or Export Administration Regulations (EAR) Part 734.7-11.