

# ProVision<sup>®</sup> ATD

Automatic Target Detection



Security & Detection Systems

Deployed internationally to enhance security at any checkpoint, ProVision ATD with Automatic Target Detection 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 provides an *image-free* solution and eliminates privacy concerns. Advanced software processes scanned data and determines if the passenger can be cleared through the checkpoint.

ProVision ATD offers customers an upgradeable technology platform that can be enhanced through software updates as new threats evolve or are introduced. This capability is also available through a field upgrade to existing ProVision systems.

## Automatic Detection

Automatic Target 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 assess the situation.

- 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 ATD offers advanced imaging—without any health risks.

- The signals created by ProVision ATD are thousands of times less powerful than other commercial radio frequency devices such as cell phones, wireless handsets and other standard household devices.
- ProVision ATD **does not** use X-rays or ionizing radiation.

## High Throughput

ProVision ATD 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.

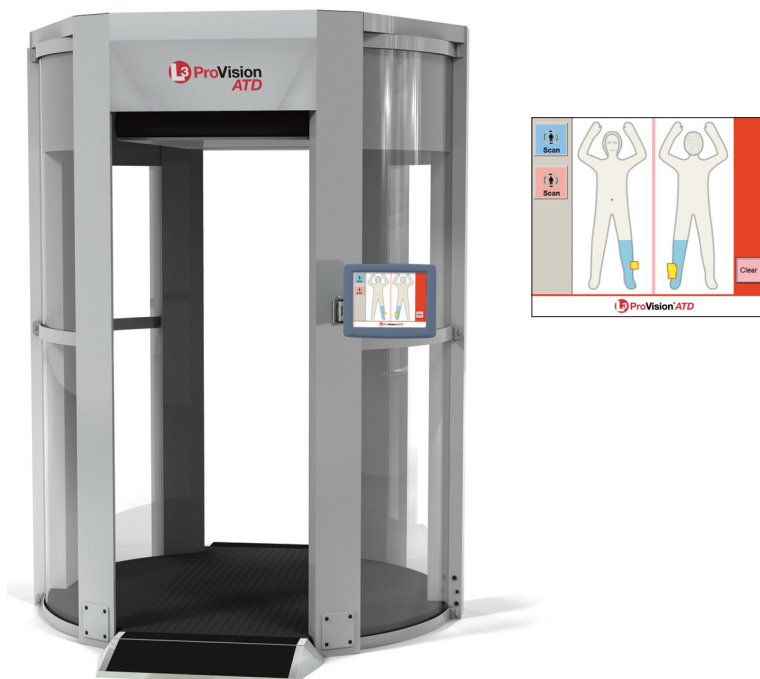
- A seven second total processing time for a complete multidirectional view.

- Scans 200-400 people per hour depending on the 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 Target 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.



L-3 Communications Security & Detection Systems  
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