

small screen

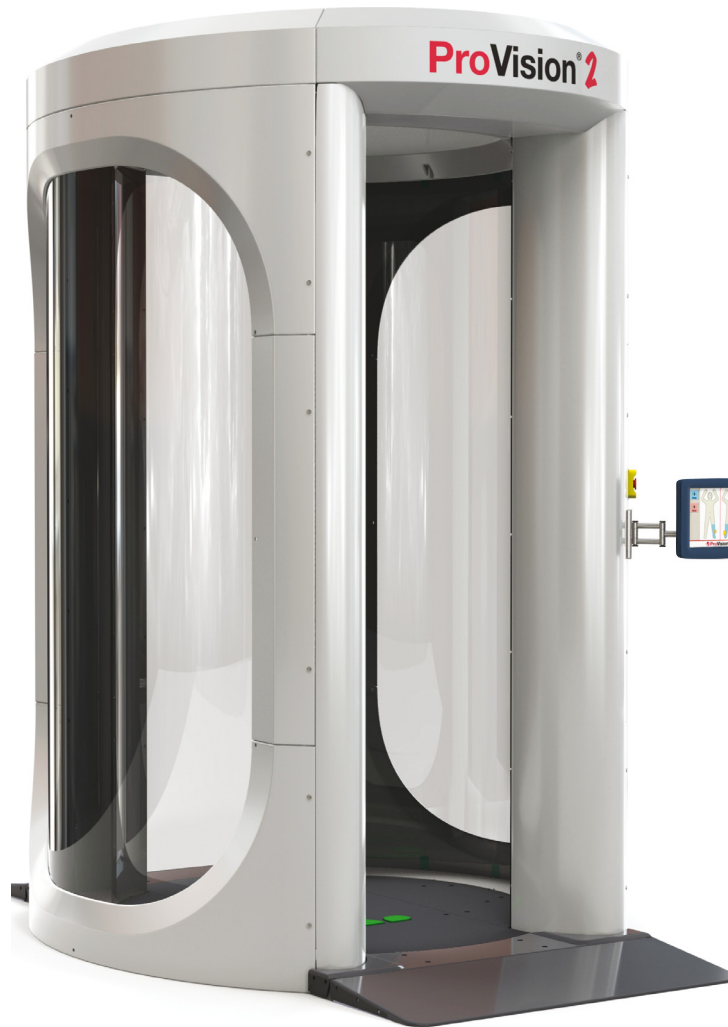
A safe, fast, and image-free checkpoint screening system now comes with a compact footprint

Airport checkpoints need to screen great numbers of people while searching for a very broad set of threats, and this presents a challenge for operators and passengers alike. A fast, safe and compact screening system that can detect an ever-expanding list of detection targets is needed. L-3 Security and Detection Systems is introducing the ProVision 2 to address the current and emerging requirements of aviation security.

The system conserves space as it has a considerably smaller footprint than other available advanced people screening solutions. Its modern and attractive exterior is narrower and shorter so it fits in to tight checkpoint areas, making installation easy even in areas with 8ft (2.4m) ceilings. It enhances security at any checkpoint by delivering the same robust automatic target detection, high throughput, image-free privacy and safety as the proven ProVision ATD system, which has an installed base of more than 1,000 units worldwide.

ProVision 2 quickly screens passengers to automatically detect concealed objects made of any type of material – metallic and non-metallic – including liquids, gels, rubber, wire, powder, plastics, ceramics, and thin and bulk explosives. Advanced state-of-the-art software processes digital scans and determines if the individual can be cleared through the checkpoint.

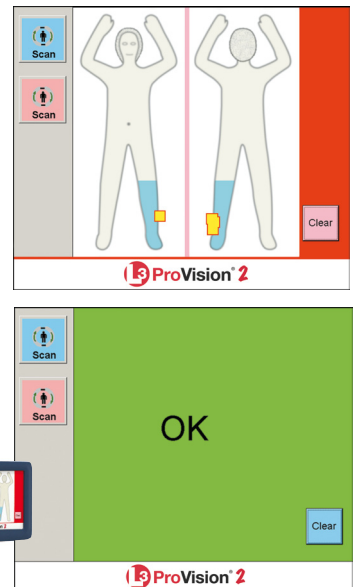
ProVision 2's patented safe millimetre wave (MMW) technology uses safe radio waves that are free of health and safety risks. Radio waves pass through all types of clothing, but reflect off the body and are captured by the system's sensors. ProVision 2 does not use ionising radiation, such as x-rays, and is tens of thousands



of times less powerful than other commercial radio frequency devices such as mobile phones, wireless handsets and other standard household devices. ProVision 2 shares all the core ProVision technology that has been extensively evaluated by regulators worldwide and found to be completely safe.

The new system boasts similar privacy protocols as walk-through metal detectors. Data is analysed

ABOVE: The ProVision 2 conserves space with a significantly smaller footprint and lower height



by software without human intervention to determine if any threats are present; there is no need for analysts or images to review. Potential areas of concern are mapped onto a generic mannequin, which is identical for everyone, and presented to the operator. Security personnel can then assess the situation. If nothing is detected, a green screen with an 'OK' appears and security personnel can clear the individual.

In terms of throughput, the system requires less than two seconds to scan an individual for a complete multidirectional view. With a less than seven second total processing time, ProVision 2 processes 200-300 people per hour, depending on the application and supporting security protocols.

ProVision 2 is being officially launched at AvSec on 30 October 2012 in New York.

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