

ThruPORT

Overview

ThruPORT provides security operators with a single integrated solution for people and baggage screening in a modular and scalable system. The system consists of one or more of the following elements:

Screening cabin - containing all elements to screen pedestrian traffic (both baggage and people).

Search room - a blast protected enclosure (containment area).

Operator control room - a separate secure cabin for the operator.



Benefits

- Comprehensive screening of people and baggage for concealed threat items including weapons, explosives, liquids, gels and narcotics.
- Throughput is maintained to facilitate practical deployment.
- Safe technology that does not radiate energy onto the person being screened.
- Intimate body details are not imaged.
- The operator can be safely located in a remote control room.

Rapid deployment

The ThruPORT screening cabin is constructed from a standard ISO 40 sea freight container. This enables easy transport to anywhere in the world and rapid deployment to screen pedestrian traffic in a short space of time. The standard screening cabin may contain:

- Two concealed ThruVision T4000 passive screening systems
- An X-ray baggage screening system
- A 'walk-through' metal detector portal

The cabin is fitted with one entrance door and two exit doors. It is divided into two screening corridors with a dividing partition and locking door separating the corridors. All doors are lockable and under the control of the remote operator.

Optional additional search room

ThruPORT may be extended with the addition of the second element, a blast protected target search room. This search room is a blast containment area. Should a person detonate an explosive device in this room, the majority of blast is directed through the roof of the structure. The walls of the search room are constructed from blast suppression material. The search room is also fitted inside a modified ISO freight container for ease of shipment and deployment in diverse locations.

How is ThruPORT used?

People are instructed to enter the ThruPORT one at a time when a pedestrian stop/go traffic light over the entrance door shows green. The automatic door locking system then allows the entrance door to be opened.

The person is then instructed over a speaker system to deposit any hand luggage onto a X-ray baggage scanner conveyor. This X-ray scanner detects both metallic and non-metallic items including weapons and explosives in the person's baggage. The X-ray images are inspected remotely by the security operator.

On completing the X-ray baggage screening process the person is then instructed to move forward through a 'walk-through' metal detector. If metal items are detected, the person is requested by the remote operator over the speaker system to return to the X-ray scanner conveyor and place metal items (coins, keys etc) into a plastic tray on the conveyor belt. They are then instructed to pass through the walk-through metal detector again. Whilst they approach and pass through the metal detector the person is passively screened from the front and rear by two covert ThruVision Systems' T4000 units.

Once the screening process has been completed, the person is instructed to proceed to the second screening corridor to collect their luggage; access to this second corridor is controlled by the remote security operator. There are two exit doors; door 'A' leads to the outside open area, door 'B' leads to the search room. If the person has passed the screening process and is not suspected of carrying dangerous items or substances they are instructed to pass through door 'A' leading to the open outside area.

If the person is suspected of carrying suspicious items they are instructed to pass through door 'B' leading to the containment area. Doors 'A' and 'B' are identical in appearance with pedestrian 'stop' and 'go' lights adjacent. The person will have no indication that they are under suspicion. Doors 'A' and 'B' are also fitted with automatic locking devices and are controlled by the security operator.

Wider integration options

ThruPORT can be further enhanced by incorporating ThruVision Systems' T5000 to permit screening of people at distances of up to 25 metres before they enter ThruPORT or the customer's facilities.