

Human Security Radar

GROUNDBREAKING TECHNOLOGY FOR
PROTECTING CROWDED PLACES FROM
TERRORIST ATTACK



FULLY AUTOMATED AND REAL-TIME
HIGH-THROUGHPUT, LOW CONTACT
SECURITY SCREENING

Introducing Human Security Radar – A Unique Capability

Human Security Radar® (HSR) is a fully automatic and real time security screening system that screens people entering a venue for terrorist threats without disrupting the flow. HSR does all of this whilst enabling the effective management of health risks associated with traditional security screening. HSR's main characteristics are:

- A uniquely high throughput, used operationally at up to 6,000 people per hour
- Automatic threat detection, driven by Artificial Intelligence
- Screens without the need to divest, remove coats or remove bags
- Not dependent upon metal content to detect threats, such as low metallic IEDs
- Detection of bulk explosives and inflammable liquids
- Detection of IEDs, including low metallic devices
- Detection of firearms and bladed weapons

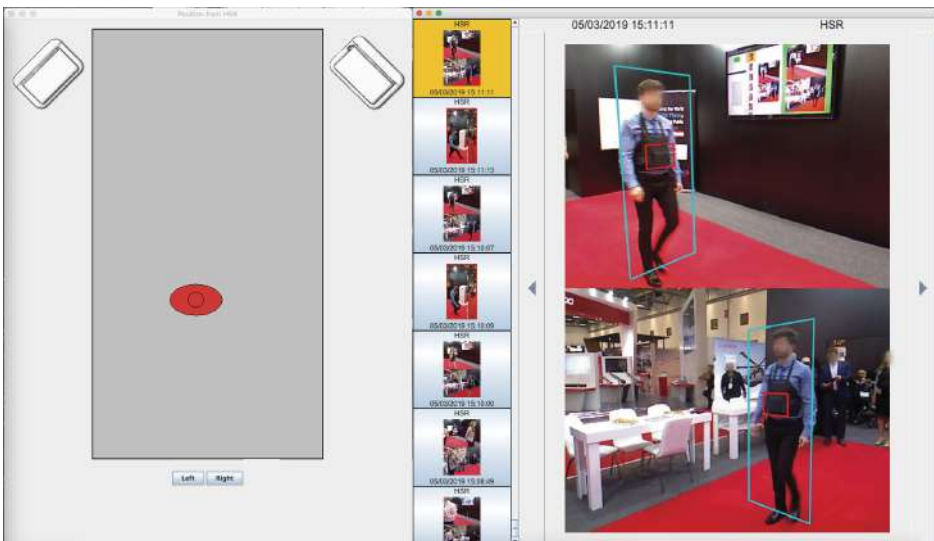


Extending the Security Perimeter

Apstec's mission is to make the world a safer place by protecting crowded places from terrorist attack. The challenge for security professionals is to provide this level of protection without interfering with and causing delay to mass people flow. Apstec has been investing in solutions to this challenge and developing screening technology since 2006. The culmination of all of this work and investment is the ground-breaking technology incorporated in HSR.

For the first time ever, HSR offers a genuine solution to the challenge of screening crowds in real-time for explosive devices, firearms and other weapons. HSR addresses one of the most pressing capability gaps by effectively securing vulnerable crowded places and protecting them from the threat of terrorism.

Fully Automatic and Real-Time



HSR is fully automatic and operates in real time. By analysing the data returned from the inspection zone, the system is able to locate and track threat items. Alerts are presented to the responder in the form of an image of the suspect, indicating identity and where on the body the threat item is being carried.

Configurations and Applications



HSR can be configured to meet a wide range of customer requirements. Ideally suited to be installed at the entrances and approaches to crowded places, it can be deployed overtly to deliver a reassuring message to legitimate users and a strong deterrence effect to potential attackers or covertly to inform a more discrete response.

HSR is ideally suited to protecting places such as transport networks and hubs, landside of airports, places of worship, shopping centres, major events and entertainment venues. The technology offers an effective, functional and streamlined option to secure crowded places where conventional security measures are either not present, impractical or too costly to implement.

Configurations and Applications

As HSR is a free flow, low density and low contact security screening system, it allows for social distancing and enables the health risks to be minimized. In this context, HSR is an enabler and offers a genuine safe route back for business, and provides operational resilience in the event of future health risks emerging.

An Innovative and Rigorously Tested Solution

Backed by years of extensive trials, and rigorous research and development by leading experts at the forefront of radiophysics, electronics, software engineering, security operations and counter- terrorism, Apstec has delivered a truly innovative capability in HSR. Since its inception, HSR has undergone numerous successful trials with leading national police forces, government agencies and counter terrorist organisations. In doing so, it has demonstrated the technology's exceptionally high accuracy rate, low false alert rate and unparalleled throughput. HSR is fully CE Certified and holds patents allowed and pending in over 40 countries world-wide.

The Cost-Effective Solution

To cap it all, HSR's ability to detect threats and alert responders automatically, precludes the need for operators or human decision makers and offers a uniquely cost-effective solution. With no moving parts, HSR is reliable, requires little maintenance and reduces whole life costs.

Border and Customs Applications

HSR can be configured to detect narcotics and bank notes. For Border Force and Customs applications, please see www.apstecsystems.com





apstec 
systems