Threat Image Recognition Training (TIRT) 3D & 2D

Our X-ray Threat Image Recognition Training (TIRT) system is both technically sophisticated and intuitive, equipping X-ray screeners with the knowledge and skills needed to use the full functionality of an X-ray effectively to detect items of concern.

It combines flexibility with ease of use, providing performance and detection feedback at the individual screener and aggregated group levels. It provides progressive learning that develops skills, knowledge and confidence at all levels of screener competency.

Our TIRT supports initial, compliance, continuation and remedial training with the use of an extensive image library of varied and representative threat and everyday items. It also includes support training for Standard 3 Computed Tomography (CT) technology using real 3D images captured on our own CT machine installed at the National Safety and Security Academy (NSSA).

How we can help

Our TIRT provides security staff with responsibility for screening via X-ray with the knowledge and skills to effectively detect items that are of concern to your business.

Our systems are used worldwide to help clients reduce the risk to their screening operation by ensuring their screeners obtain the latest and best in Threat Image Recognition Technology.

It has been designed from the beginning to be configurable based on your business' processes and training requirements, whilst meeting all national and international standards.

LEVEL 1

A simple 'threat in a box, bag or case' and nothing else. This can be readily detected without the use of any enhancements.

LEVEL 2

A complete threat item with all the components clearly visible, whilst also containing light clutter and a distractor to encourage screeners to complete a full scan and not be distracted.

LEVEL 3

A threat item with all components displaced around clutter to encourage the screener to utilise the enhancements and trace wiring to locate individual component parts of the threat item.

LEVELS 4–6

A threat item in amongst levels of clutter, which will have a greater need for effective use of enhancements to detect the threat.

Features and benefits

The main features of our TIRT are:

- ✓ Realistic threat and prohibited images generated using actual X-ray and X-ray CT machines
- ✓ Fully EU and UK compliant threat image library covering 6 levels of threat complexity, which is regularly updated to include recent and emerging threats
- ✓ Seamless transition between X-ray and X-ray CT training within a single application
- ✓ Detailed review mode for screeners, supervisors and managers
- ✓ Accessible from the cloud with any browser and an internet connection

- ✓ Detection capability dashboards
- ✓ Full system functionality to avoid negative habit transfer
- ✓ HD image quality and photos of all image content
- ✓ Dedicated training sessions for all threat types
- ✓ Selectable everyday items
- ✓ Selectable threat categories
- ✓ Testing of detection capability across a large cohort (synthetic testing)
- ✓ Targeted training for areas of underperformance
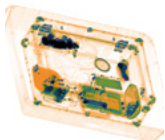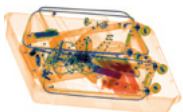- ✓ Provides extensive data to enable root cause analysis

Integration with SeMS

Our TIRT also forms one of the add-ins to Redline's Security Management System (SeMS) software framework.

We provide a configurable software application to support your organisation's SeMS at the task level, as well as analytic, root cause and rectification stages of security management. It is a multi-faceted, enterprise-level software application framework with optional add-ins that can assist you in managing your compliance.

Other add-ins include security testing, assessments and Human Resource (HR) management.

To find out more, arrange your complimentary consultation with our expert team today.

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