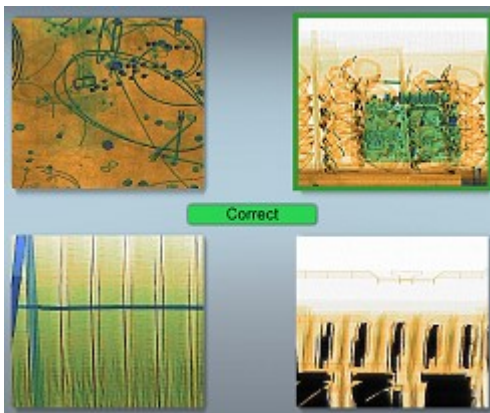


Cargo IEDware

X-ray Screener Refresher Training for Advanced IED Recognition

Intensive Individually Adaptive Training Software

Recurrent training of X-ray screeners on a frequent basis is critical to maintaining and enhancing skills in detecting cargo threats. AviationSec and Adaptive Detection have created Cargo IEDware to meet the demands of the current EC185 Regulations on recurrent training. AviationSec is recognised as an approved certified cargo security training provider. This CBT software assists organisations to comply with current regulations requiring screeners complete 6 hours of image recognition training over each 6 month period.



Screenshot from the Locate course at Level 3. The screener correctly located the IED (green border).

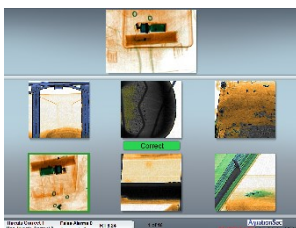
effectively improves IED detection. Screeners locate and detect IEDs, using sections of X-ray images containing IEDs and non-threats that have been independently rated by experts. Failure to achieve set performance standards (using a proprietary search efficiency formula), triggers a repetition of the level with new images: repeated failure requires the screener to return to an earlier level.

The large image library is continually updated and exceeds the mandatory requirements of the Regulations. The software also has the ability to individually log

Cargo IEDware is now being used by UK certified air cargo training providers, major global handling companies and international forwarders.

IEDware allows each screener's training data to be exported and monitored as they progress through detection difficulty levels in each of the 5 courses available. It has also been developed to optimise individual screener's ability to detect Improvised Explosive Devices (IEDs) through 12 increasingly difficult adaptive levels of exercises in each course i.e., "training for cargo threat features".

Research has consistently shown that adaptive training



Match Dual View Course Level 6.

screener training time.



Feedback with IED photo Level 1.

IEDware has been designed by a psychologist with experience in research and X-ray training screener software development over many years.

In use at 15 international airports, this CBT is proving very popular in the cargo industry, enabling employees to complete 6 x 6 training during quiet periods at work.

Cargo IEDware

1080 Threat Images (IEDs, IIDs and IED components)

4400 Non-threat Images

Contains 5 courses each with 12 difficulty levels. Courses include Locate, Locate Dual View, Match, Match Dual View and Complete IEDware (linked courses). Additional "mock" XCT training exercise is incorporated. One year licenses available. IEDware is downloaded and activated via internet or email key for computers in training classrooms without access. Web upload of training data available for remote monitoring.

Cargo IEDware Summary

- Ideal for recurrent screener training
- Screeners training time and progress automatically logged
- Automatic web upload of training data for remote security manager's viewing (available as an optional extra)
- Facility for multi-site installation and can be installed on Citrix™ servers for larger organisations
- Detection difficulty (12 levels) adapts to individual screener
- Intensive and self-paced short 7 minute exercises
- Based on the latest research
- Half of courses use two X-ray views to help maximise interpretation
- Large libraries available of real X-ray images (not superimposed IEDs)
- Local training data export feature and course completion certificates