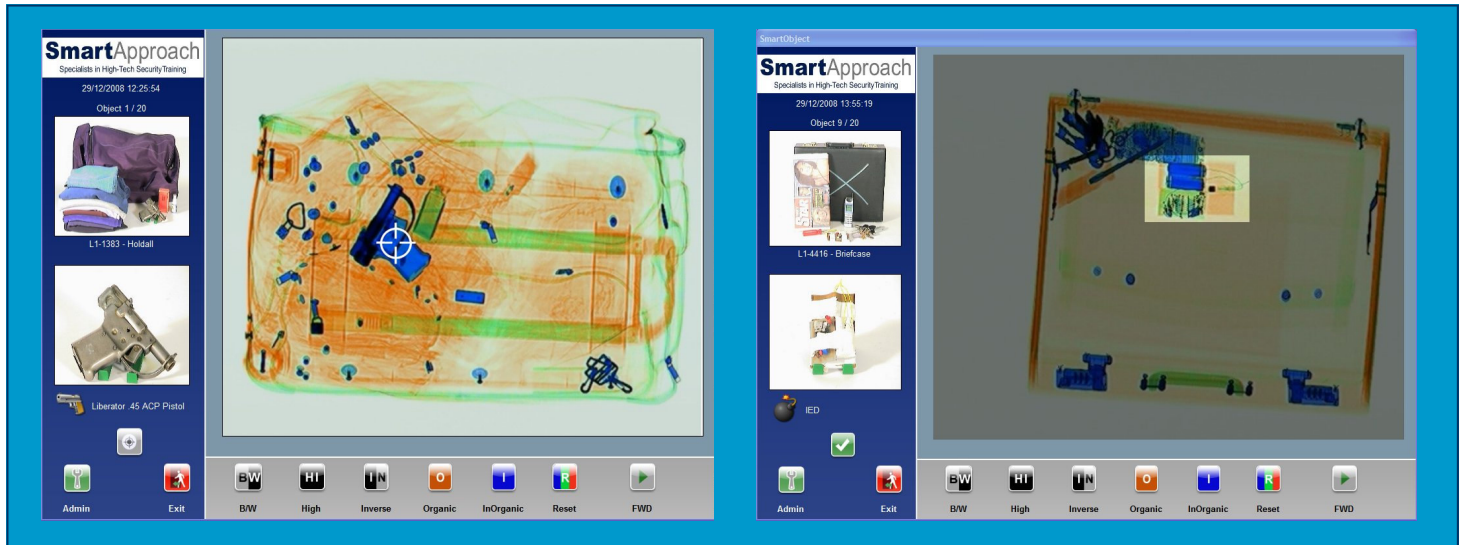


SmartApproach

Specialists in High-Tech Security Training



SmartObject - Object Recognition Training

X-ray screening remains the most effective tool in detecting threat items concealed in baggage, mail and cargo. The quality of X-ray screening depends on the skills of the personnel operating the equipment, therefore the training of those screeners plays a vital role in the defence against criminal and terrorist activity.

SmartObject is a low cost, easy to use interactive training tool suitable for developing screeners in a number of areas:

- Pre recruitment evaluation.
- Object recognition training for new recruits.
- Refresher training for operational screeners.
- Remedial training, to rectify screening deficiencies eg. as identified by TIP reports.

Improving screener performance

Smart Object has been specifically designed to develop and test object recognition skills. It is an interactive training tool with which screeners can practice interpreting the x-ray signatures of thousands of objects presented in real packed bags.

Smart Object replicates the common x-ray machine operator functions so that trainees can learn to examine x-ray images thoroughly and quickly adapt to any equipment they may use in the future.

SmartObject trains recognition skills by showing objects as photographs and inviting the user to indicate their locations in an x-ray image. Immediate feedback is provided on the accuracy of decisions and at the end of each image sequence a printable performance report is generated.



X-ray correct for genuine skill improvements

SmartObject uses images of real bags in which threats have been packed prior to scanning and image capture. Other object recognition products often simply project images of objects onto x-rays of innocent bags and have an unacceptable level of image quality, due to contextual clues such as colour variations and edge effects. This undermines the objectives and effectiveness of training.

Use of SmartObject guarantees that the images seen are 100% x-ray correct and therefore

offer the screener a real opportunity to improve their interpretation skills.

A comprehensive image library to build competency levels

SmartObject is delivered with an initial library of over 5,000 objects, and expansion or refreshment packages are available.

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Targeted Training

SmartObject provides simple administration functions with which instructors can easily respond to the training needs of individuals or groups. Instructors can alter the number of images presented per training sequence, view the image library and enable/disable images from use. They can select images by interpretation difficulty so that, for example, new recruits see easier objects or set more challenges to experienced screeners. Images are also selectable by category, drugs/narcotics, explosive devices, firearms, etc. This allows a trainer to provide targeted training, if for example, TIP reports indicate remedial instruction on a particular class of threat is required.

Language Independent

Smart Object is intuitive to use, mouse driven, visual software that uses icons rather than text so it can be easily used by anyone regardless of language and culture. Trainees are confident using it in minutes and the icons are easily translatable.

Simple, Inexpensive But Powerful

SmartObject is an inexpensive, easy to use training tool available as a stand alone product to be installed on a PC or laptop and licensed by USB "dongle" for easy distribution and use.

Smart Object Summary

- Intuitive to use, mouse driven, software.
- Minimal language for multicultural use.
- Ideal for pre-employment selection, initial and remedial screener training.
- Reproduction of the common x-ray screening operator functions.
- Objects in x-rays of real packed bags.
- Large image libraries available.
- Capable of specific training by category of items e.g. Firearms, IEDS, etc, and by interpretation difficulty.
- Printable report after each training session.

Number Of Items Per Session

1 ————— 50

20 Items

Difficulty Levels

ID	Difficulty	Difficulty Name	Use	Objects
1	★	Easy	<input checked="" type="checkbox"/>	3775
2	★	Medium	<input checked="" type="checkbox"/>	911
3	★	Hard	<input checked="" type="checkbox"/>	680

Item Categories

ID	Category	Category Name	Use	Objects
7		Drugs / Narcotics	<input checked="" type="checkbox"/>	158
14		Electrical / Electronic Item(s)	<input checked="" type="checkbox"/>	878
3		Explosive Device(s)	<input checked="" type="checkbox"/>	1044
2		Firearm / Firearm Component(s)	<input checked="" type="checkbox"/>	824
1		General	<input checked="" type="checkbox"/>	982
5		Knives and Sharp Objects	<input checked="" type="checkbox"/>	426
11		Opaque / Obscured	<input checked="" type="checkbox"/>	92
4		Prohibited	<input checked="" type="checkbox"/>	962

Administrator Screen

Moelijkheidsgraad

★ Eenvoudig ★ Gemiddeld ★ Moelijk

Classificatie voorwerpen

Algemeen Vuurwapen IED of onderdeel

Verboden Messen & scherpe voorwerpen Lokale beperking

Drugs & narcotica Niet aangegeven goederen Aangegeven goederen

Rommelig Ondoorzichtig Gevaarlijke goederen

Verdachte voorwerpen Electriche apparaten

Gebruikersinformatie

Naam instelling Naam cursist Wijzig wachtwoord

Stop Goed Fout

Identificeer voorwerp

Example: Translation of Icons

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