Rapiscan 600 CBT

Rapiscan ®
s y s t e m s
An OSI Systems Company

BAGGAGE AND PARCEL INSPECTION

Rapiscan 600 Series
Computer Based Training
An effective solution for training all levels

The Rapiscan 600 Computer Based Training (CBT) program is PC based software used for effectively training personnel on the operation of the Rapiscan 600 series baggage and parcel X-ray screening systems. This interactive, self-paced program contains a tutorial course and an X-ray system simulator. The representation of real-world threats is used to assist the operator in understanding the importance of careful examination of every bag and parcel. Both programs use our Adaptive Difficulty Engine (ADE) to assess an operator's proficiency in core skill areas and then tailor exams to match aptitude levels.

Features
- Real-world threat scenarios
- Self-paced courses
- Evaluates and adapts to challenge operator's skill level

Benefits
- One license per PC, multiple users
- Single database on a network server
- Cost effective
- Can be employed anytime, anyplace
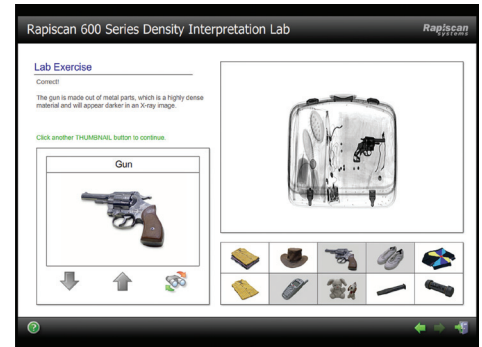
Tutorial Course
The tutorial course readies operators to correctly operate the basic features of the Rapiscan 600 series X-ray systems.
- Summary at the end of each tutorial and completed course
- Practice sessions within tutorial
- Glossary of definitions on each page
- Icon to identify specific objects being analyzed
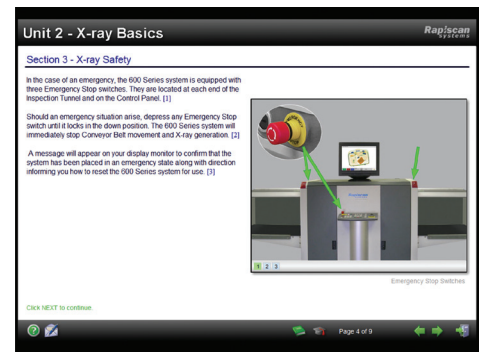- Ability to send messages to instructor at any stage during the course

Simulation Course
The simulation course is an interactive training program that provides an opportunity for operators to apply their X-ray interpretation skills by means of an on-screen simulation of the system.
- X-ray interpretation practice
- 3 levels of increasing difficulty
- Review session
- X-ray interpretation final exam

Lab Exercise

X-ray System Operating Training

Exam Review

Exam Review

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Tutorial Course Topics

1. **X-ray Basics** – Full instruction of basic X-ray principles and safety precautions to be observed while operating the system.
2. **System Operation** – Complete training on the core components and indicator lights that comprise the system.
3. **Image Controls** – Broad instructions on image processing and zoom control features for X-ray image interpretation to aid operator with x-ray image interpretation.
4. **Advanced Features** – Comprehensive guidelines and instructions on advanced image processing, zoom features, image archiving and Threat Image Projection (TIP) image response.

Simulation Course Usage

1. **X-ray Interpretation Training** – The extensive X-ray image library contains both fictional threat and benign items that appear randomly. The fictional threat items include guns, knives, explosives, sharp objects, and Improvised Explosive Devices (IED). Operators develop proficiency by advancing through three levels of difficulty based on bag complexity and orientation of the threat.
2. **Adaptive Training** - As operators work through practice sessions, a sophisticated algorithm monitors and tracks executed actions and decisions for each image. Upon completion of a practice session, the algorithm determines whether the operator correctly responded to the exposed X-ray images. Based on that performance, subsequent practice sessions are tailored to meet the specific training needs of the operator.
3. **Ongoing X-ray Interpretation Practice** – The extensive X-ray image library and adaptive algorithm helps operators develop knowledge of a wide variety of look-a-like threats under X-ray. Trainers can tailor sessions to focus on specific threats of concern for their organization to continuously ensure the detection skills of operators.

The Rapiscan 600 CBT provides a limited set of threat objects AND CONCEALMENT TECHNIQUES, INTENDED TO assist OPERATORS in learning how to operate the system, but not FOR BECOMING FULLY proficient IN THREAT OBJECT OR CONCEALMENT TECHNIQUE DETECTION.
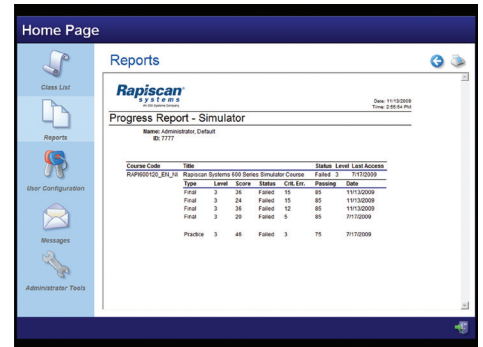
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ISO 9001:2000 Certified

With continual development of our products Rapiscan Systems reserves the right to amend specifications without notice.

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Reports

Courseware Specifications

Minimum Requirements	
1.6 GHz processor	
1 GB RAM	
17" monitor with 1024x768 resolution	
Keyboard	
Mouse	
16x CD-Drive	
Windows XP Professional SP2	

Available Programs	
Mailroom Applications	Checkpoint Applications
Tutorial Course only	Tutorial Course only
Tutorial Course & Simulator	Tutorial Course & Simulator

Languages	
English	Arabic

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distributor stamp

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