



The L3 ACX 6.4 MV Operator Training Class teaches each student the proper and effective use of the ACX 6.4 Multi-View X-ray system. This interactive, self-paced course teaches each student how to properly use various features of the system. As a result of this training, the student will understand the machine's controls, basic scanning steps, and general procedures. The Multi-View simulator provides the student with two views in order to make an informed decision about whether scanned items contain threats or prohibited items.

## Key Features

- Individualized, self-paced instruction
- Customized remediation and testing
- Secure records management system
- Detailed training reports
- Realistic simulation of machine

## Key Benefits

- Cost Effective - Safe and cost effective way to simulate use of the machine.
- Results Oriented - Custom simulation sessions focus on student needs to increase performance.
- Automated Remediation - Custom remedial training based on test performance.
- Efficient - Use the training anytime, anyplace and at the student's own pace.
- Reliable - Standardized training and accurate training data.
- Flexible - Modify the testing and images to meet local requirements.

## Course Topics

**ACX 6.4 MV Basics** – Teaches the student about the major components, indicator lights, and power controls that make up the machine. The student will learn how to safely operate the system.

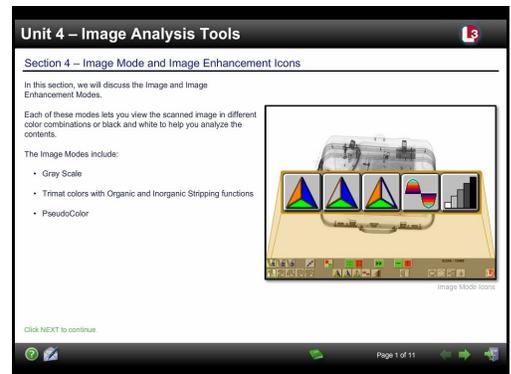
**System Operation** - Teaches the student how to safely power-up and power-down the system, recognize the start-up sequence, perform a power-cycle, and resolve basic system errors.

**Image Analysis Tools** – Explains how to use the toolbar icons, zoom features, image enhancement functions, and overlay/view icons.

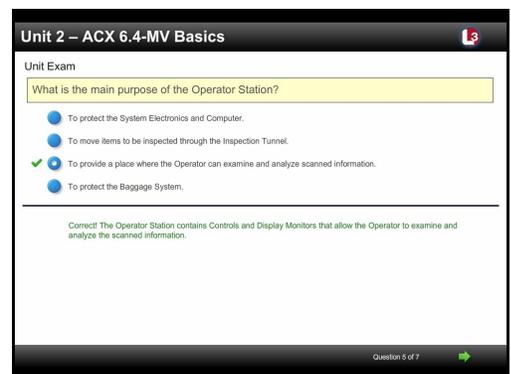
**Inspections** – The student will understand how to perform an inspection using Detection Analysis Software. Teaches the student about Image Recall, Image Archiving, and TIP.



Operator Course Screen



Operator Course Screen



Unit Exam

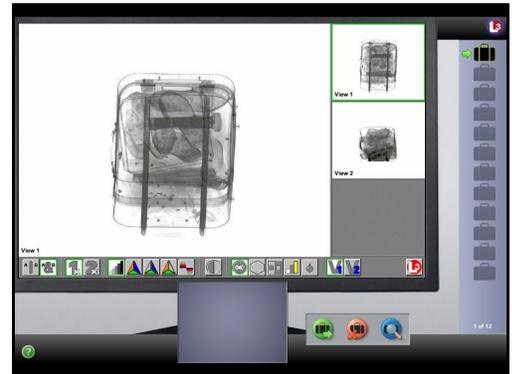


## Simulation

**X-ray Interpretation Practice** – Each student can practice their X-ray interpretation skills using an on-screen simulation of the system. The X-ray image library in the simulation contains both innocent and threat items. The industry specific image library will expose the student to a variety of threat items. The student will improve their skills by advancing through three levels of difficulty based on image complexity and orientation of the threat.

As each student works through practice sessions, a sophisticated algorithm monitors and tracks actions and decisions made for each image. Upon completion of a practice session, the algorithm determines if the student had difficulty correctly responding to any X-ray images. Based on the student’s performance, subsequent practice sessions are tailored to meet the specific training needs of the student. This leads to more efficient and effective training, which results in higher detection rates and lower false alarm rates.

**Ongoing X-ray Interpretation Training** – The X-ray library contains a large number of threat items. The key to high hit rates and low false alarms rates is to have the skills to effectively recognize real threats. To do this, each student must develop knowledge of what a wide variety of threats look like under X-ray. The more different types of threats a student sees during training, the better prepared he will be to identify these threats in an operational setting. Trainers can also tailor training sessions to focus on specific threats of concern for their organization. The large image library of threats and the adaptive algorithm provide an effective way to continuously increase the detection skills of each student.



Simulation Course Screen

### Courseware Specifications

Applications:

Initial

Delivery Options:

CBT, WBT

Estimated Seat Time:

Operator Course: 2 - 2.5 Hours

Simulator Course: 2 Hours\*

Image Libraries:

CBS

Languages:

English, Spanish

Note: Courseware availability is based upon selection from the above specifications.

\* Ongoing image interpretation practice is highly recommended to ensure screener proficiency.

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