

examiner[®] SX

Explosives Detection System



Security & Detection Systems

The reduced size eXaminer SX meets the standards for explosives detection within a lighter, smaller-framed system. Featuring industry-leading 3-D Continuous Flow CT technology, the TSA-certified and EU-approved SX delivers value in advanced threat detection with excellent throughput and low false alarm rates.

Proven Performance and Reliability

Built on the proven eXaminer 3DX CT technology platform, the eXaminer SX keeps baggage moving.

- Certified* by TSA; meets both 100% threat mass and 75% threat mass detection standards.
- Meets European Union Standard 3 under the European Civil Aviation Conference (ECAC) Common Evaluation Program (CEP)
- Reliable threat detection with exceptionally high automatic clear rates.
- Operational availability exceeds 99%, with greater mean time between failures (MTBF) and lower mean time to repair (MTTR).
- More than 1,000 eXaminer systems deployed in 26 countries

Superior Technology

No prescreening required; one rapid pass provides all the data necessary to determine the presence of threats or clear bags for flight.

- 3-D Continuous Flow technology scans bags with helical CT at speeds precisely synchronized to the speed of the conveyor belt for complete bag coverage without gaps in 3-D image data coverage.
- Detection algorithms designed to meet more rigorous standards
- User-friendly 3-D image processing tools allow operators to rotate images of entire bags or individual threat objects 360 degrees to obtain the view they want.

High Throughput in a Flexible, Compact System

Scans more bags per hour with fewer false alarms, reducing bags requiring secondary search

- Available in three configurations to suit throughput and operational requirements
- Scans 360 bags per hour in in-line configuration; 300 bags

per hour as stand-alone system

- Partial in-line configuration also available

Low Cost of Ownership

Efficiency and reliability reduces staffing and maintenance costs.

- Fewer false alarms reduce need for on-screen review of bags by operators.
- Advanced 3-D imaging tools reduce number of bags requiring time-consuming secondary screening.
- Secure OptiNet™ networking linking up to 270 network elements – hold baggage systems (SX, 3DX, 3DX-ES, XLB and MVT-HR), viewing system and search workstations—help clear more bags with less staff
- Highest MTBF and fastest MTTR produce lowest maintenance costs



*TSA-certified at 352 bags per hour.



L-3 Communications Security & Detection Systems
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