

# OptiNet™

Total Networking Solution for L-3 Hold Baggage  
Explosive Detection Systems



Security & Detection Systems

**Designed to optimize AT and CT EDS security screening operations for hold baggage, OptiNet delivers sophisticated networking technologies to optimize airport operator investments in screening equipment while increasing the flexibility and utility of screening personnel.**

## Capabilities

Deployed at the world's leading airports, OptiNet is a total networking solution for an integrated EDS network of any size or complexity.

- Effectively and securely link up to 500 scanners, baggage viewing stations and search workstations through a robust redundant network.
- Allows airport operators to reach – and exceed – their most challenging optimization goals.
- OptiNet's flexibility allows centralized operator staffing (remote screening) and localized machine control.

## Features

Centralized management of all security equipment resources from a single station including:

- Machine status, including fault monitoring and recovery
- Operator station status
- Operator performance trends, including individual performance
- Single server access for retrieval of all security equipment data and reports
- Terminal and/or security equipment type network teaming
- Optimized operator station staffing throughout operational day

## Technical

- Peak processing rate of 70,000 bag images per hour
- Securely link up to 500 network elements on single network
- Integrated TIP (threat image projection)
- FDRS (field data reporting system)
- Full DB replication - split database
- Redundant database, network servers and cabling

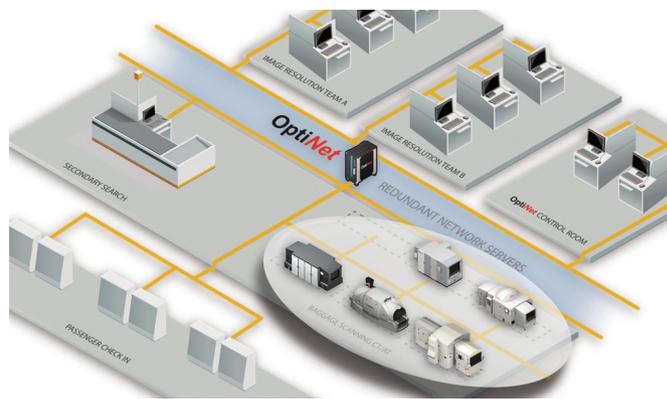
## Applications

OptiNet's flexible design also delivers value by improving airport operations through customized applications that many leading airports are benefiting from today including:

- **Parallel screening:** bag images can be viewed by security and customs operators at the same time for increased efficiency and throughput.
- **Passenger information upload:** passenger information uploaded at check-in. Suspect bag is tagged for inspection and passenger information is transferred automatically to correct inspection station.
- **Dynamic teaming:** control room can associate security screeners with particular scanners, reducing needless distractions and increasing screeners productivity.
- **Image clearinghouse:** queues the image at the scanner and sends it to the first available operator.

## Outstanding Service and Support

Recognized worldwide for our commitment to customer service, L-3 fields one of the industry's largest and most experienced global service teams. We offer a full spectrum of services to help you reap maximum value from your investment while maintaining robust, effective and efficient operations.



*Simplified model of OptiNet redundant network architecture for AT and CT EDS network*

**L-3 Security & Detection Systems**  
[www.L-3com.com/sds](http://www.L-3com.com/sds)

L-3 has made all reasonable efforts to ensure that the information in this document is accurate and complete, and disclaims any and all warranties for such accuracy and completeness, and is proprietary. This brochure consists of L-3 Communications Corporation general capabilities information that does not contain controlled technical data as defined within the Export Administration Regulations (EAR) Part 734.7-11.