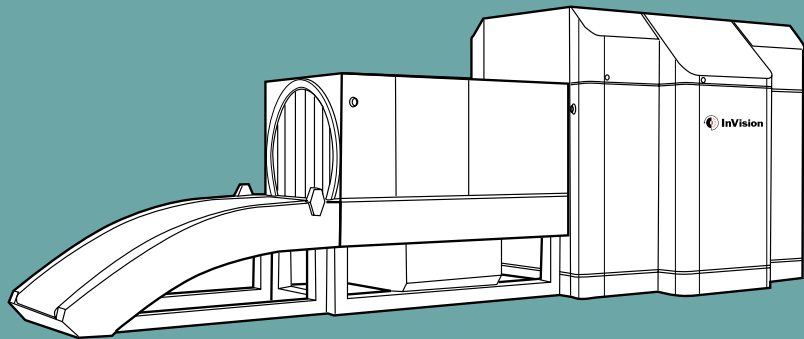Fast and powerful, the FAA-certified CTX 5500 DS™ is well suited for busy terminals. It offers high throughput capabilities and can operate as a standalone unit, or be integrated into airport baggage handling systems (BHS).

CTX 5500 DS: At Home in Busy Terminals

High Throughput Enhances Operations

For standalone lobby installations, the CTX 5500 DS is an excellent choice. At home in busy terminals, the CTX 5500 DS is an FAA-certified explosives detection system (EDS) with high throughput capabilities. It keeps pace with manual baggage loading operations, and fits into any airport environment.

Value Points

- Low false alarm rate
- FAA-certified
- Advanced user interface
- Threat image protection
- Dynamic screening

Technology at work. Security at its best.

Since 1990 InVision® has been developing innovative technologies and sophisticated screening systems for a range of applications. Our commitment to aviation security is what led us to develop our CTX™ systems, now recognized as the most advanced EDS in the world. As the industry leader, with the most systems installed throughout the world, InVision continues to adapt high technology to explosives detection, thereby enhancing aviation security.

InVision Technologies

Low False Alarm Rate

The CTX 5500 DS has a low false alarm rate. Its high level of automation limits the need for operator intervention and as a result, fewer bags are opened. This speeds up overall system throughput, which cuts down the cost per bag and improves baggage flow—expediting the process.

Advanced User Interface

Computed Tomography (CT) slices are the optimal tool for detecting the critical components of an Improvised Explosive Device (IED). The inherent high resolution of CT slices enables better qualitative evaluation of the potential threat.

Using two high-resolution monitors, the CTX 5500 DS makes a graphical correlation between the CT slice and Standard Projection (SP) image to locate and identify potential threats as well as provide a qualitative analysis of targeted bag contents. A quantitative analysis measuring CT values is also provided.

Navigation tools promote fast screening while alarm resolution tools offer different viewing options. As with all InVision CTX systems, the interface clearly identifies threats through color-coding and symbols, in addition to a built-in audio alarm. Central data management functions allow operators to save and print reports and images.

Threat Image Projection

All CTX 5500 DS systems are Threat Image Projection (TIP) capable. TIP randomly injects virtual images of bags containing explosives into normal operations to test and record operator ability and alertness. Used as a training and verification tool, TIP allows operators to practice alarm resolution skills and enables supervisors to monitor operator performance. This feature makes it possible for customers to measure overall threat detection capabilities.

innovation

Dynamic Screening

With dynamic screening, operators have the ability to switch inspection modes on a per bag basis, as determined by security protocol. Therefore airports can match the right level of security to the current level of suspicion. Dynamic screening saves time, plus reduces bag and passenger queues. It also helps boost overall security by allowing more bags to be scanned by CTX systems.

Services

InVision develops and deploys technologies for improved aviation security. Our innovative and proprietary CTX products help airport baggage screeners around the world detect explosives quickly and efficiently.
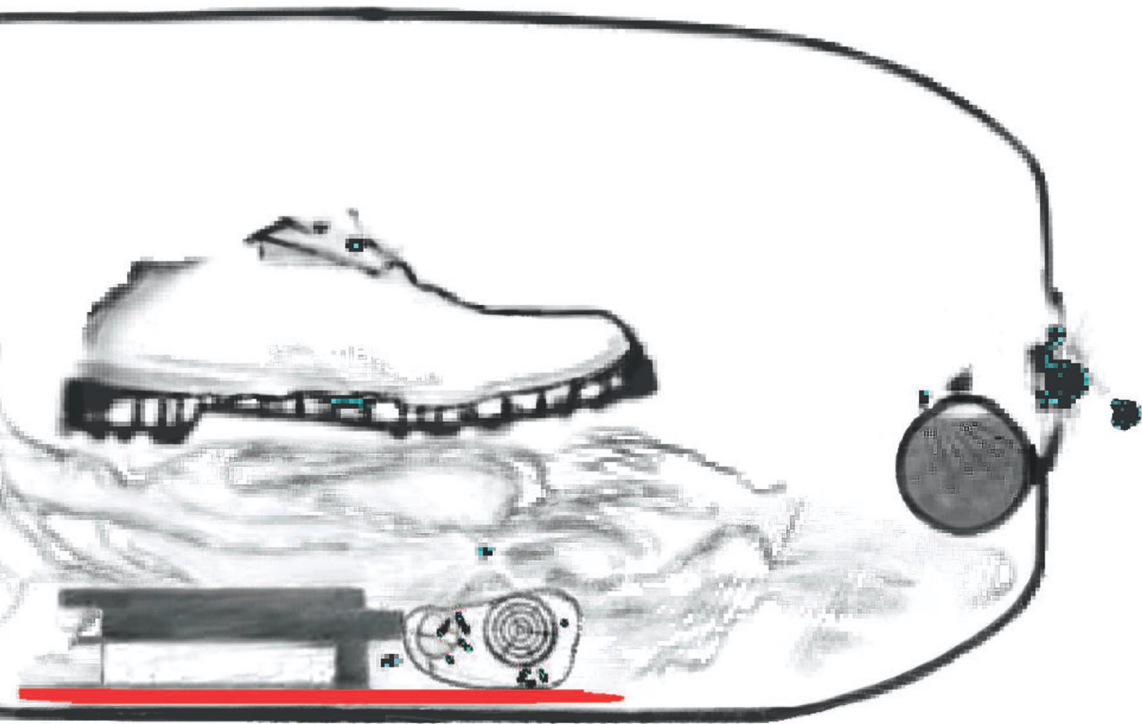
InVision also provides flexible support programs and services to optimize product performance and increase customer satisfaction. We have a 24-hour Customer Assistance Center for immediate access to qualified tech support personnel and an Integrated Response Program—for the fastest response time in the industry. Our highly-trained field service engineers (FSE) are dedicated to CTX support and available for onsite visits.

Committed to ensuring uptime and operational efficiency, InVision has invested in comprehensive maintenance programs and professional training courses. With InVision experts on standby to diagnose systems and repair or replace parts, baggage-screening operations run smoothly. Meanwhile, our training specialists see to it that all CTX operators receive specialized instruction.

For successful CTX product integration, customers can utilize our EDS modeling services and InVision consultants to plan for proper design layout and deployment. Each model is customized and based on the unique requirements of each facility.

global service responsive

InVision develops and deploys new technologies for improved aviation security. Our innovative and proprietary CTX products help airport baggage screeners around the world detect explosives quickly and efficiently.

![InVision Technologies logo]

InVision Technologies

WORLD HEADQUARTERS
7151 Gateway Boulevard
Newark, CA 94560
Tel: 510-739-2400
Fax: 510-739-6400
www.invision-tech.com

EUROPE, MIDDLE EAST & AFRICA
Silkin House
5-7 Bath Road, Heathrow
Hounslow, TW6 2AA, UK
Tel: +44 (0) 208 754 9540
Fax: +44 (0) 208 754 9541

FRANCE
Bâtiment 3436C
Zone de fret 4
3 Rue du Té
BP 10230
95703 Roissy CDG cédex
Tel: +33 (0) 1 48 62 59 69
Fax: +33 (0) 1 48 62 59 67

999291-1 Rev. B

experience   leadership