SECURITY DETECTION SOLUTIONS

Autonomous Bag Screening

Evolv eXpedite™

Efficiently Screening a High Volume of Visitors with Bags Can Be Challenging.

Security teams are constantly looking for ways to streamline the entry screening process.

High volumes of people and bags can create a "high clutter" environment, increasing the complexity of security screening . In these moments, it's important to preserve a positive entry experience while still maintaining strong security without overburdening staff.

One way to manage this balance is through the use of X-ray bag scanners, which can be deployed on their own or alongside walk-through screening systems, depending on your risk needs.

Using traditional X-ray scanners, however, can require highly trained operators to constantly review X-ray images, and decide on which bags to search. This places a heavy burden of rigorous training and constant vigilance. In high volume ingress, these challenges can lead to operator strain and slow entry.

AI-Based Weapons Detection for Bags

Evolv eXpedite is a purpose-built X-ray scanner with the positive entry experience in mind. It is designed to work autonomously to detect many concealed threats in bags and removes the need for operators to constantly review X-ray images while effectively screening bags.

Based on internal testing and third-party testing commissioned by Evolv evaluating detection and false alarm rates on a variety of threats and benign items across sensitivity settings. Testing conducted in controlled environments. Detection and false alarm rates may vary based on sensitivity settings and venue policies. Evolv believes that there is no perfect security solution, including Evolv Express, that will stop all threats, all the time, and that a layered approach combining people, process, and technology is recommended. For more information, please reach out to your Evolv account representative.

How Evolv eXpedite Works

People can place their bags on the eXpedite conveyer belt as they are walking through the security checkpoint. The eXpedite belt moves quickly, allowing people to drop and collect their bags while maintaining a regular walking pace.

The system uses advanced AI and high-speed X-ray imaging technology to distinguish potential threats from many everyday items. eXpeidite offers an easy-to-use system with "Red Light / Green Light" indicators and tablet-based alert management. If a threat is detected, the green lights on eXpedite turn red and the conveyer belt automatically stops. The Evolv tablet displays the bag with the potential threat, providing detailed X-ray imagery to aid resolution.

Operators don't need to continuously monitor a computer screen to identify potential threats and determine whether to stop the belt or not. And they don't need specific training to interpret an X-ray image.

Tablet is optional and sold separately from eXpedite system. For existing Evolv Express customers, eXpedite is supported with the Evolv tablet. Reach out to Evolv representative for more information.

The tablet is optional and sold separately from the eXpedite system. For existing Evolv Express customers, eXpedite works with the same tablet used for Express operations, and alerts can also be sent to this tablet. For more information, reach out to your Evolv representative.

Evolv eXpedite Delivers:

- **Autonomous threat detection** of concealed weapons in bags.
- **High throughput** (2000+ bags per hour*) with people walking forward in their normal pace while their bags are being scanned by eXpedite.
- **Red light/green light operation** aims to eliminate the need for X-ray image interpretation and associated training.
- **The Evolv Tablet** is available to help identify the bag with the potential threat(s) to support resolution.
- **Eliminates workarounds** such as taking out laptops and passing them around a walkthrough screening system.

Weapons detection is about minimizing risk and supporting efficient operations. Evolv Express and Evolv eXpedite together offer the right tools for the right job, delivering security that's layered, flexible, and designed for today's challenges.

**Testing conducted by Evolv in a controlled environment. Results represent maximum practical throughput based on a FAR of 9% or less, based on 10-minute intervals. Throughput may vary based on a venue's bag policy and alarm resolution process, visitor walking pace, and alarm rate.*

About Evolv Technology

Evolv (NASDAQ: EVLV) is designed to transform human security by helping organizations detect potential threats, mitigate risk, and enhance safety using AI-powered security solutions with robust insights. Our technology has helped to create efficient and positive security screening experiences for the world's most iconic venues and companies as well as schools, hospitals, and public spaces. Evolv's mission is to create a safer world to live, work, learn, and play. Evolv's advanced systems have scanned more than 4 billion people since 2019. Evolv Express® and Evolv eXpedite™ have been awarded the U.S. Department of Homeland Security (DHS) SAFETY Act Designation as a Qualified Anti-Terrorism Technology (QATT). Evolv and its products have been awarded numerous awards which can be viewed on our Certifications and Awards web page. Evolv®, Evolv Express®, Evolv Insights®, and Evolv eXpedite™ are registered trademarks or trademarks of Evolv Technologies, Inc. in the United States and other jurisdictions.

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