



# EVOLV EDGE®

## HIGH-SPEED SMART CHECKPOINT SYSTEM



### REAL-TIME THREAT DETECTION:

Detects metallic weapons and non-metallic items of interest as people pass through

### FASTEST THROUGHPUT:

Screens 800 people per hour. Visitors walk through at a natural pace

### FRictionLESS:

No stopping.  
No emptying pockets or removing bags

### TARGET SEARCHES:

See location of alert in real-time superimposed on a picture of the person's body

### SMARTER OVER TIME:

With the Evolv Cortex AI Software Platform, performance improves and detects emerging threats

## INTRODUCING THE EVOLV EDGE®

It's now possible to deter and detect potential active shooters and bombers from entering your venue without sacrificing the visitor experience.

Evolv Edge® powered by the Evolv Cortex AI Software Platform delivers the only high-speed smart checkpoint system that detects a wide range of weapons, and metallic or non-metallic items of interest so quickly and so accurately that each Edge system can securely clear up to 800 people per hour, approximately 2-3X the throughput of legacy metal detectors. Explosives and firearms are detected at the Edge, while harmless people that pose no threat flow through at a natural pace.

## ONLY EVOLV EDGE

With Evolv, no stopping is required, no emptying of pockets or removing bags – people simply walk through Edge holding their bags at their side. If a potential threat is detected, the Evolv high-speed smart checkpoint system instantly identifies the person, and the location of the weapon is shown on a screen to the security team.

- **2-3X Faster Throughput:**

Evolv Edge screens over 800 people per hour. Visitors and employees walk through single-file without stopping.

- **Real-time Metallic & Non-metallic Weapons Detection:**

Evolv's AI threat-classification software instantly distinguishes between threats such as a gun or bomb, and the personal items we normally carry like a cell phone.

- **Frictionless Screening:**

Only with Evolv, no stopping is required. No emptying pockets or removing bags. Visitors simply walk through naturally

- **Targeted Searches, Reducing the Burden on Security Teams:**

Guards see a real-time image on a screen showing where the potential threat is on a person's body.

- **Smarter Over Time:**

Stay ahead of the threat landscape. With the Evolv Cortex AI Software Platform, Evolv Edge becomes more intelligent as new threat profiles emerge

**“We like that our employees are embracing the Evolv Edge process, and that the system can detect all of the threats we worry about. Evolv Edge is the only inspection system that looks for both metallic and non-metallic threats, is mobile and has a high throughput rate for employees that do not have to divest.**

Doug Mansel,  
Aviation Security Manager, Oakland Airport

## VISITOR SCREENING

High-speed visitor screening without the need to stop, remove bags and empty pockets for:

- VIP entrances at Stadiums & Arenas
- Convention Centers
- Hospitals
- Museums & Iconic Structures
- Performing Arts Venues
- Places of Worship

## EMPLOYEE SCREENING

Frictionless employee screening without causing employees to be late to work at:

- Company Facilities
- Warehouses
- Distribution Centers
- Arenas
- Airports

## HOW CUSTOMERS USE EVOLV EDGE

Organizations such as Lincoln Center, Oakland Airport, Gillette Stadium, and LL Bean use Evolv to detect threats before they enter their venues while providing a non-intrusive experience. The Evolv Edge is designed for sites with single-file entrance flows where weapons (firearms, IEDs, and bare explosives) and non-metallic items of interest are significant concerns. These include places such as VIP entrances at sports stadiums and entertainment venues, corporate events, hospitality venues, boutique performing arts venues and more.

## HOW EVOLV EDGE WORKS

Evolv Edge is powered by the Evolv Cortex AI Software Platform that combines advanced sensors, AI threat-classification, actionable entry analytics, and cloud services to help organizations protect both visitors and the visitor experience.

Trained using an extensive set of real-world threat data, the Evolv Threat AI continuously differentiates true threats from harmless objects in real time with dramatically fewer false positives than other systems. It becomes more intelligent over time as new threat profiles are discovered, helping Evolv customers stay ahead of the threat landscape.

Additionally, it shows security personnel exactly where weapons may be concealed on the person's body or in their bag, empowering guards to take precise, quick action.

### Alerting and Action capabilities include:

- Image-Aided Alarm Resolution
- Visitor Analytics
- Flow Control
- SOC Integration

## WHY EVOLV

Evolv Technology prevents attackers from bringing weapons into public venues and places of work. By fusing the latest sensors and software AI, Evolv delivers the only free-flow smart threat detection that can screen thousands of people, with no stopping, and without the need to empty pockets or bags. Evolv reduces the burden on security teams and takes the hassle out of people screening at places of work, transportation hubs, sports stadiums, entertainment venues, hotels and conference centers, airports, houses of worship, and government agencies.

- **Evolv has screened over 25M people**
- Evolv has prevented thousands of threats from entering venues
- Only Evolv products can screen 800 to over 3600 people per hour, eliminating the long lines of legacy weapons screening such as metal detectors, wands, and pat downs
- **With Evolv, no stopping is required, no emptying of pockets or removing bags - people simply walk through the entrance**

## CONTACT US

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