

High-Speed Smart Checkpoint System

Evolv Edge[®]

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

Introducing Evolv Edge[®]

Evolv Edge[®] powered by the Evolv Cortex AI[™] Software Platform delivers the only highspeed 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

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2-3X Faster Throughput: Evolv Edge screens over 800 people per hour. Visitors and employees walk through single-file without stopping.



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.



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



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.



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.

How Customers Use Evolv Edge

Organizations such as Lincoln Center, Oakland Airport, 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.



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 nonmetallic 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 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

About Evolv Technology

Founded in 2013, Evolv Technology is the leader in human security solving the security screening problems of today with the most innovative technology and thinking. Evolv makes it possible for venues of all kinds to keep visitors and employees safe from concealed weapons, pandemic health threats and intruders. The company's Evolv Express has earned industry accolades that include the 2021 Artificial Intelligence Product Excellence Award, 2020 Edison Awards™, 2020 Campus Safety BEST Award and two Secure Campus 2020 Awards.

Seeing is believing. Watch our latest video or join one of our Experience Evolv Events. Learn more at evolvtechnology.com.