

Everything You Need to Know About the New Evolv Express[®] System at Your School

A guide for teachers, staff and school administrators.

Your Concerns for Safety are Valid

Teachers are the cornerstone of society, responsible for educating the next generation and ensuring they have the knowledge to achieve their goals in and beyond school. It's also no secret that some teachers are feeling unsafe while in school. A recent survey by the [American Psychological Association](#) found that a third of teachers have experienced verbal harassment or threats of violence from students, and 14% have even been physically attacked, with almost half of the teachers saying they're considering quitting or transferring because of safety concerns.

Your school district is proactively working to keep you and your students safer. In this effort, they recently selected Evolv Technology as their new weapons screening system. This new system, called the Evolv Express[®], helps you, your students, and any visitor to safely enter school at the pace of life. The Evolv Express uses artificial intelligence to tell the difference between normal school and everyday items, like cellphones and wallets, and potential weapons. And the best part? The Evolv Express screens 10x faster than the traditional metal detector.

Evolv's goal, in collaboration with your school district, is to make your school safer and more welcoming for students so you can get back to what you love – teaching.



Start Your Student's Day with a Friendly and Welcoming Experience

When students walk into a school using the Express, they're greeted by the system operators who manage the Flow Control Tablets. These operators (who could be administrators, teachers, or even volunteer parents) get to know the students as they walk through the screening lane. The Flow Control Tablets alert the operators to any potential threats on the student while still maintaining the ability to interact with students as they walk through the system.

Who Staffs the Evolv Express® Systems?

There are several options for those who can staff the Express. Consult with your school about which option they are moving forward with. Those staffing the Express in Flow Control can greet students as they walk through, and if an alarm goes off, they're alerted on a tablet which shows where the potential threat is with a red box. They then redirect the student to the Alarm Resolution table where the alarm is then addressed appropriately.

“With the Express tablets, we know exactly where the issue is located and can focus on that area—whether a student's bag, shoulder, ankle, or waist. With the metal detectors, we had to search everything. Now, we can focus on a specific area, which makes the secondary checks less intrusive and much faster.”

– Clifton Wilson, Security Manager, James Island Charter High School

When the Evolv Express alerts on a suspected item, it pinpoints where the threat is, so the staff in Alarm Resolution can focus on that specific area instead of going through every bag and pocket or patting down every student like with metal detectors. This helps make the whole process faster, and less stressful for the students. While Evolv is not the cure for all violence in schools, it is an option for schools to enhance their security plan. Evolv Express brings the focus back to education.

“With the old metal detectors, we were literally in the kids' space to keep them from going past us when they alarmed. With Evolv, now they have that space to come in and most kids just walk through. They're not in my face and I'm not in their face. So, it's a more pleasant morning. When I say good morning, I get a smile and good morning back. It's so much better.”

– Showanna Rainey, Teacher,
Atlanta Public Schools





Building Better Relationships with Students through Evolv Express

Security needs to be a multi-layered approach to be effective. Teachers and system operators play a key role in this in multiple ways. They are the eyes and the action behind every alert. They play a crucial role in looking at student behavior and resolving alerts by following the protocols set forth by the school. But just as importantly, the presence of a trusted adult at the Express system in the morning can improve student morale and sense of community.

One of the perks of working with Evolv Express in Flow Control or Alarm Resolution roles is the chance to connect with students face-to-face. Unlike metal detectors, the Express enables those managing it to focus more on the students and others passing through, while leaving it to the technology to identify where a potential threat

may be. The Express's AI does not process or analyze individuals' physical characteristics such as race, hair color, height, or weight, minimizing any physical bias in the screening process.

If you're in a Flow Control role, you can make eye contact and say hi to each student. And for those in Alarm Resolution, the secondary check is super smooth: the tablet shows where the suspected threat is with a red box. No need to empty pockets or do intrusive searches unless someone alarms. And while you're checking the alerted area, you can ask the student about their day, upcoming exams and sports games, and more! When the students feel engaged, they are more likely to show up to class energized, in a good mood, and ready to learn.



Common Questions Teachers Ask About the Evolv Express System

So, the Evolv Express is a big deal. And not just because it's used by some of the biggest names around the country, like the New England Patriots at Gillette Stadium, Lincoln Center, Six Flags, and some of the largest museums, hospitals, and school districts in the country. The Express has been given a special designation by the U.S. Department of Homeland Security as a Qualified Anti-Terrorism Technology, meaning it's gone through some serious testing and checks for weapons detection, usage, quality control, and more.

But as educators, we know it's natural for you to have questions about what's coming to your school. Here are some of the most frequently asked ones:

Q Who is Evolv and what is the Evolv Express system?

A Evolv Technology (NASDAQ: EVLV) is a leader in AI-based weapons detection security screening, securing iconic venues and organizations. Over 425 million people have been scanned by Evolv technology. The Evolv Express system combines advanced sensor technology with AI technology to deliver frictionless security screening for sports fans, theme park visitors, concertgoers, theatergoers, shoppers, students, teachers, and others.

Q Is Evolv Technology used in other schools?

A Over 350 schools use Evolv Express systems to create safer learning environments.

Q Has the Evolv Express been reviewed by federal government agencies responsible for vetting security technologies?

A The U.S. Department of Homeland Security awarded the Evolv Express with a SAFETY Act Designation in March 2022.

Q How many people will an Evolv Express system scan?

A A dual-lane system will scan up to 4,000 people per hour, whereas a single-lane system will scan up to 2,000 people per hour.

Q How does the Express system detect weapons?

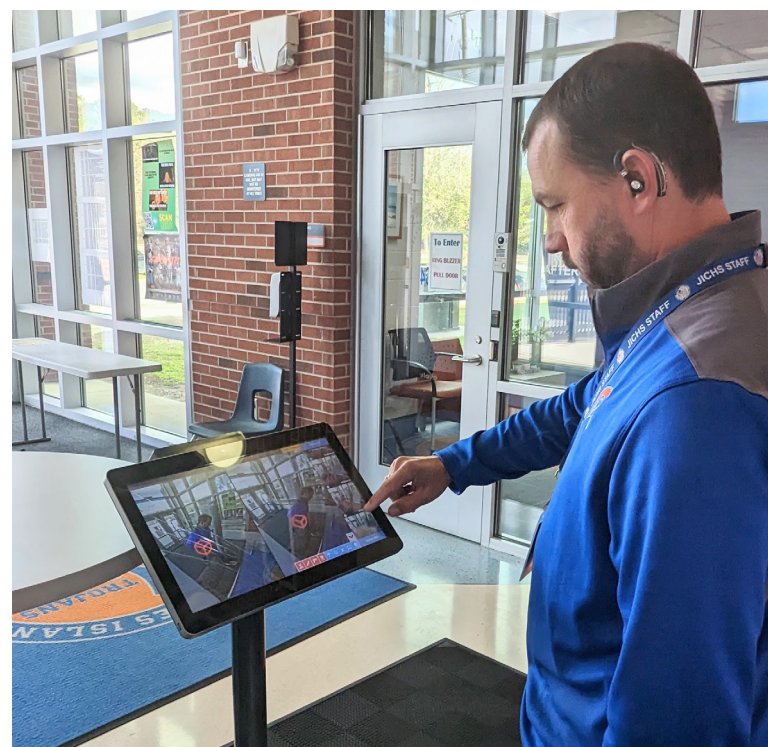
A The combination of advanced sensors and AI technology enables the Express system to distinguish between everyday items students may bring to school each day and weapons while screening 10x faster than traditional metal detectors.

Q What makes the Express system different than a traditional metal detector?

A Traditional security screening was not designed for today's dynamic threats and environments, resulting in lengthy queues of students waiting for security screening and frequent secondary screening checks. Evolv technology uses advanced sensors, comprehensive venue analytics, and AI technology to eliminate lines while reducing false alarms.

Q How does the Express system make it easier and faster for security operators to vet each security alarm?

A A red box pinpointing the location of the potential weapon appears on the Flow Control tablet as well as the Alarm Resolution tablet. Security staff can focus on that area of the person's body or bag rather than asking them to empty all their pockets and bags when using a traditional metal detector.



Q Is the technology in the Express system safe?

- A** Evolv is dedicated to the safety, quality, and consistency of our products. The Evolv Express® system has been safety tested and meets the following [certifications](#):
- FCC CFR Part 15, CE Mark (CE Directives and Standards); Global CB Scheme per CBTL Safety Standard
 - UL 61010, EN61010, IEC 61010 and CAN/CSA 61010-1
 - US Americas with Disabilities Act Compliance Compliant Access
 - RoHS – Restriction of the use of certain Hazardous Substances (e.g., Lead) in Electrical/Electronics Equipment.

The system uses extremely low-frequency radio waves (ELF) that are in the range used by some Electronic Anti-Theft Systems (EAS), widely deployed in retail settings for loss prevention. For more health & safety information, please refer to our [Health & Safety brochure](#).

Q How does Evolv Flow Control work?

- A** Students, teachers, administrators, and visitors who approach the Express systems simply walk through the system. If status indicators for the Flow Control staff members remain green, the person continues walking to their destination (e.g., classroom, office, etc.). If the status indicators for the Flow Control staff members turn red, the Flow Control tablets held by security staff emit a beep and the area of the person's body or bag, where the threat was detected, is highlighted with a red box. Flow Control security staff then directs the person to the Alarm Resolution table for a secondary check.

Q How does Evolv Alarm Resolution work?

- A** Security staff at the Alarm Resolution tables focus on only the location of the threat (viz., the area of the person's body or bag where the threat was detected by the Evolv technology). The security staff member identifies the threat type by selecting and tapping an icon representing the nature of the threat (e.g., gun, off-duty police officer, umbrella, stroller, etc.).

Q How does Evolv technology reduce security staff fatigue?

- A** Threat alarms with traditional metal detectors and tedious secondary threat process produces fatigue for security staff that can result in missed threats. Because Evolv generates much fewer threat alarms and moreover pinpoints the area of the threat on a person's body and bag, security fatigue is not an issue.

Q How does Evolv technology minimize human bias?

- A** The Evolv Express's AI does not process or analyze individuals' physical characteristics such as race, hair color, height, or weight, Evolv minimizes any physical bias in the Express's identification of threats. The Product's AI is trained using an extensive set of real-world data.

Q Can the Express system be moved and used indoors and outdoors?

- A** Yes, Express systems have wheels and can be moved and stored. They also can be used indoors and outdoors and a special ruggedized design makes it easy to move them over non-finished and sloped surfaces in outdoor environments for screening at football games and other outdoor events.

Q What is the process for dealing with Chromebooks and other devices that may set off false threat alarms?

- A** There are multiple methods that schools can employ to minimize the number of alarms set off by Chromebooks and laptops—placing Chromebooks on a conveyor that goes around the Express system tower, passing Chromebooks to security operators who hand them back to students after they pass through scanning. Alternatively, Chromebooks can be placed on a table next to the system's external tower with students picking them up on the other side of the tower after passing through the Evolv Express scanning lane.

Q Does the Express system accommodate students, staff, and visitors with mobility issues?

- A** Each lane on the Express is 39.8 inches wide, which fits standard-sized wheelchairs, walkers, scooters, and other assistance devices. The mat between the towers measures .89 inches in height, and is sloped, minimizing issues with wheels, crutches, and walkers.

**Q What if there is a medical emergency at the school?
Can paramedics enter through an Express system
without any difficulty or obstruction?**

A In the event of an emergency at a school, paramedics and other emergency personnel will be able to pass through the Express system. Each lane on the Express is 39.8 inches wide, which easily accommodates standard-sized wheelchairs and gurneys. Further, the mat measures .89 inches in height and is sloped, making it accessible to standard gurneys and wheelchairs.

Q What screening processes exist for students and others with a disability or a medical device or any with concerns about going through the Evolv system?

A In keeping with FDA guidance on EAS and walk-through metal detectors, it is recommended that visitors and system operators with implantable or wearable medical devices consult their device manufacturer or physician for information relating to their specific device. An alternative screening approach is recommended for anyone who has safety concerns.

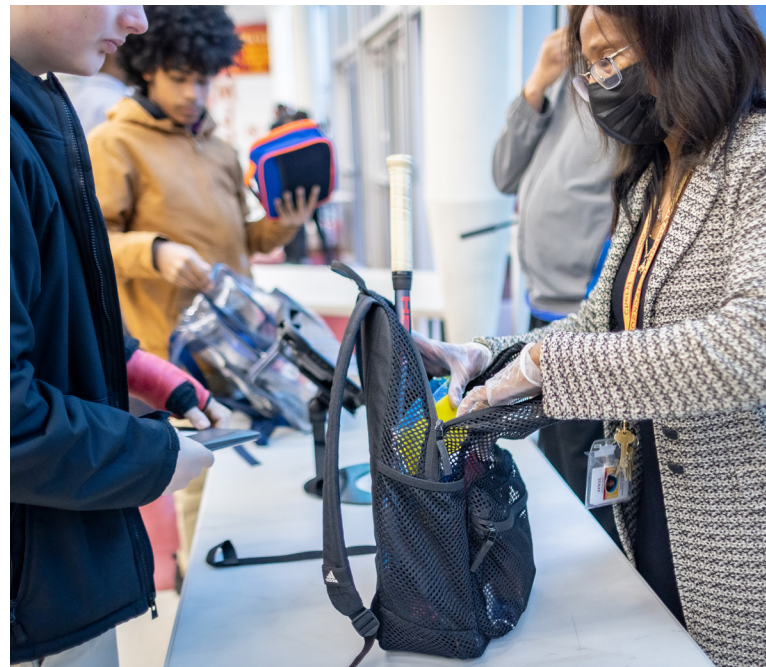
Q What if a weapon or another prohibited item is found during a secondary search

A Evolv recommends that anyone passing through an Express lane and anyone operating an Express system with implantable or wearable medical devices consult with their medical manufacturer or physician related to their specific device. Evolv recommends that you ask your child's school about alternative screening if you have any concerns.



Evolv gives me confidence that when our bell rings at 7:15 each morning, we have no chance of a gun being in our building other than the one on the hip of our professional security officer."

– Katie Keffer Hayes, Principal,
Oak Hill High School



Keeping Schools Safe and Welcoming with Evolv Express

With the Evolv Express, schools can have both a safer learning environment and a welcoming experience for everyone. For your students, this means minimizing waiting in line, emptying pockets, or stopping for a long time at security screening. For you – an energized student

body who feels welcome and safe at school, better relationships with a wide variety of students, and most of all, peace of mind that every student and visitor coming into your school has been screened for weapons.