

Solution Brief

Evolv Extend™

Gun violence can happen for many reasons: active assailants, robberies, gang violence, etc. It also is very likely to happen outside.

According to the CDC and the FBI, in some types of venues, gun-related homicides are 4 times as likely to happen outside versus inside. What can be done to alert the security staff well before a threat reaches the entrance?

Shifting the paradigm from reactive to proactive:

Evolv improves security today by detecting concealed threats at the threshold. With the introduction of Evolv Extend™, it is now possible to expand the detection perimeter to include individuals approaching and congregating in front of the entrance. By working in concert with a customer's Evolv Express operation, security professionals can initiate emergency operational procedures as soon as Evolv Extend detects a brandished gun. Together, Evolv Express and Evolv Extend provide a layered security approach that allows for a proactive response.

Evolv Extend

Introducing Evolv Extend. Combining selected security cameras and artificial intelligence, Evolv Extend analyzes 4K high-resolution video streams, with the objective of specifically identifying individuals brandishing guns at distances up to 100 feet, depending on gun type and orientation. Once a potential threat is detected, a comprehensive threat image, highlighting the detected gun, along with live annotated video footage from the relevant camera, is transmitted to the onsite security staff, or First Reactor, positioned near the Evolv Express system. This early warning helps empower security professionals to swiftly implement emergency operational procedures, like locking the doors, alerting the broader security team, and getting people to safety, to minimize the threat.





Sending alerts to the right person:

First Reactors, those near or operating an Express system, are critical in keeping staff, visitors, patients, and students safe. When there is a potential threat, they receive immediate alerts (threat image + live annotated video) to a dedicated tablet near Express at the entrance, allowing for a rapid security response. Time is critical to save lives, and Evolv Extend orchestrates situational awareness to security professionals to buy time and improve the outcome of a potential gun violence event.

For the extended security ecosystem, alerts (threat image + recorded video clip) can be sent to mobile and desktop apps as well as into the Security Operations Center using available integrations.

Selected Cameras:

Using the right camera, the optimal mounting location, and camera position can differentiate between detecting a gun at 10 feet or 100 feet. Evolv Extend leverages cameras with a configured resolution of 4K (3840 × 2160) configured with 2x optical zoom. For more information on recommended camera models and details on the mounting of the selected cameras, review the Evolv Extend spec sheet.



Seeing is believing. Watch our latest video or join us at one of our upcoming events. Learn more at [evolvtechnology.com](https://www.evolvtechnology.com)

About Evolv Technology

Evolv Technology (NASDAQ: EVLV) is transforming human security to make a safer, faster, and better experience for the world's most iconic venues and companies as well as schools, hospitals, and public spaces, using industry leading artificial intelligence (AI)-powered weapons detection and analytics. Its mission is to transform security to create a safer world to work, learn, and play. Evolv has digitally transformed the gateways in places where people gather by enabling seamless integration combined with powerful analytics and insights.

Evolv's advanced systems have scanned more than 750 million people, second only to the Department of Homeland Security's Transportation Security Administration (TSA) in the United States. Evolv has been awarded the U.S. Department of Homeland Security (DHS) SAFETY Act Designation as a Qualified Anti-Terrorism Technology (QATT) as well as the Security Industry Association (SIA) New Products and Solutions (NPS) Award in the Law Enforcement/Public Safety/Guarding Systems category.