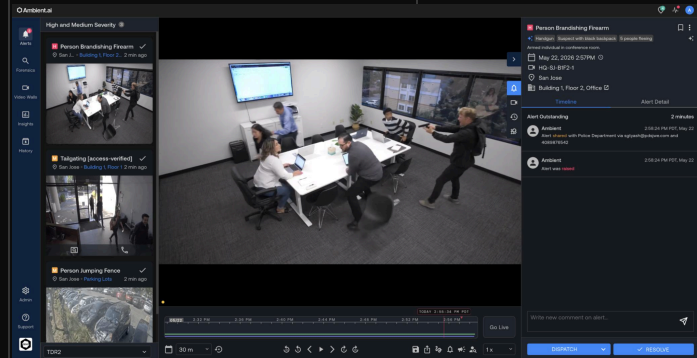


# AMBIENT.AI SOLUTION FOR SCHOOL AND UNIVERSITY SAFETY

Ambient Foundation +  
Ambient Threat Detection for Education

Detect the warning signs before a weapon is drawn. Respond in seconds, not minutes.



Schools and universities are open by design. Campuses are sprawling, gates and perimeters are porous, and security teams cannot watch every camera at every moment. When a firearm appears on campus, every second matters, yet legacy video systems are built to record what already happened, not to recognize what is about to happen.

Many of the so-called “AI solutions” based on last-generation technology don’t offer true reasoning required for the type of critical threats schools face:

- Motion-based and rule-based detection are too narrow and miss the precursors to major threats.
- Cloud-reliant systems subsample video to manage cost, so a weapon drawn for seconds can fall between the gaps. Alerts queue up for manual triage, and response depends entirely on operator availability.

Educational campuses need an intelligence layer that perceives the precursors, recognizes a brandished firearm the moment it appears, and acts in real time.

## The Ambient Difference: Two Modules, One Solution

### AMBIENT FOUNDATION

#### The operational layer.

The AI-native VMS that turns every campus camera into an intelligent sensor. Ambient Foundation unifies cameras, access systems, and sensors across every site into a single browser-based Cloud SOC, with always-on situational awareness.

#### Why it matters for gun detection:

- Agentic Video Walls surface relevant scenes in real time, so operators see what matters the moment it happens
- Semantic Search across live and recorded video to locate a subject by natural language description in seconds
- Multi-site oversight from one Cloud SOC across all campus buildings and grounds
- Camera health monitoring and blur detection prevent blind spots before they matter

### AMBIENT THREAT DETECTION FOR EDUCATION

#### The detection and response engine.

Ambient Threat Detection continuously reasons across live video to identify pre-incident behavior, recognize a brandished firearm, and trigger a coordinated response.

#### Education threat signatures:

##### People Safety

- Person brandishing firearm
- People fighting
- Person falling down

##### Perimeter Intrusion

- Person jumping fence
- Vehicle loitering in unauthorized zone
- Person loitering outside gate

DETECT EARLY. RESPOND IN SECONDS.

BEFORE: PRE-INCIDENT BEHAVIOR	DURING: BRANDISHED FIREARM	RESPONSE: AT MACHINE SPEED
<p>Most legacy systems only see a threat after a weapon is visible. Ambient Pulsar reasons continuously across every connected camera, recognizing precursors that signal escalating risk.</p> <ul style="list-style-type: none"> <li>• Person jumping fence</li> <li>• Vehicle loitering in an unauthorized zone</li> <li>• Person loitering outside gate</li> <li>• People fighting</li> </ul>	<p>When a firearm appears on camera, Ambient Pulsar processes every frame on every stream in real time at the edge. No subsampling, no blind spots, no missed activity. A weapon drawn for seconds is still seen.</p> <p>For high-severity detections like brandished weapons, the Ambient Threat Detection Analysis Center (TDAC) provides human verification before alerting, so operators act on confirmed threats, not false positives.</p>	<p>Automated Escalation and Dispatch initiates response based on threat type and severity, routing contextualized alerts, and triggering dispatch in real time.</p> <p>Alerts arrive with AI contextualization overlays, GIF previews, and floor plan context, so responders know exactly what is happening, where, and what to do next.</p>

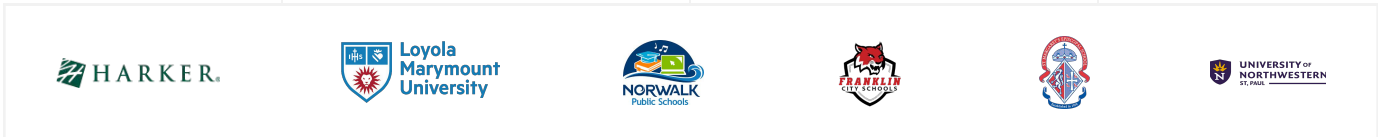
### Outcomes for Education

<p><b>24/7</b></p> <p>Autonomous Detection Across Every Camera</p>	<p><b>10X</b></p> <p>Faster Response Through Automated Escalation</p>	<p><b>90%+</b></p> <p>Of Alerts Resolved in Under One Minute</p>	<p><b>3X</b></p> <p>Higher Reasoning Performance Than Competing Security AI</p>
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### Why Ambient.ai for Weapons Detection

<p><b>Reasoning, Not Just Detection</b></p>	<p>Ambient Pulsar interprets visual, spatial, and behavioral context in real time. It distinguishes a benign movement from a brandished firearm, reducing the false positives that overwhelm operators and erode trust.</p>
<p><b>Every Frame, Every Camera</b></p>	<p>Edge-based processing captures every frame on every stream. Brief events, like a weapon drawn for seconds, are not lost to cloud subsampling.</p>
<p><b>Human in the Loop, Not the Bottleneck</b></p>	<p>TDAC provides human verification for high-severity weapons detections before alerting. Operators act on confirmed threats with full context.</p>
<p><b>Privacy by Design</b></p>	<p>No facial recognition. No personally identifiable information. Compliant by architecture, suitable for K-12 and higher education environments.</p>
<p><b>Built on What You Have</b></p>	<p>Connects to existing cameras and PACS through the Ambient Edge Appliance. No rip and replace, no proprietary hardware, deployed in minutes.</p>
<p><b>A Platform That Grows With You</b></p>	<p>Start with Foundation and Threat Detection for Education. Expand into Advanced Forensics and Access Intelligence on the same architecture, no re-platforming.</p>

### Trusted by Leading Education Institutions



Within 6 to 10 hours of being deployed, the person brandishing a firearm threat signature triggered. The capability we thought we'd never need activated on day one. Luckily the incident was resolved peacefully. But Ambient picked it up and notified our team. It was really amazing.

**BILL OWEN**  
Director of Public Safety