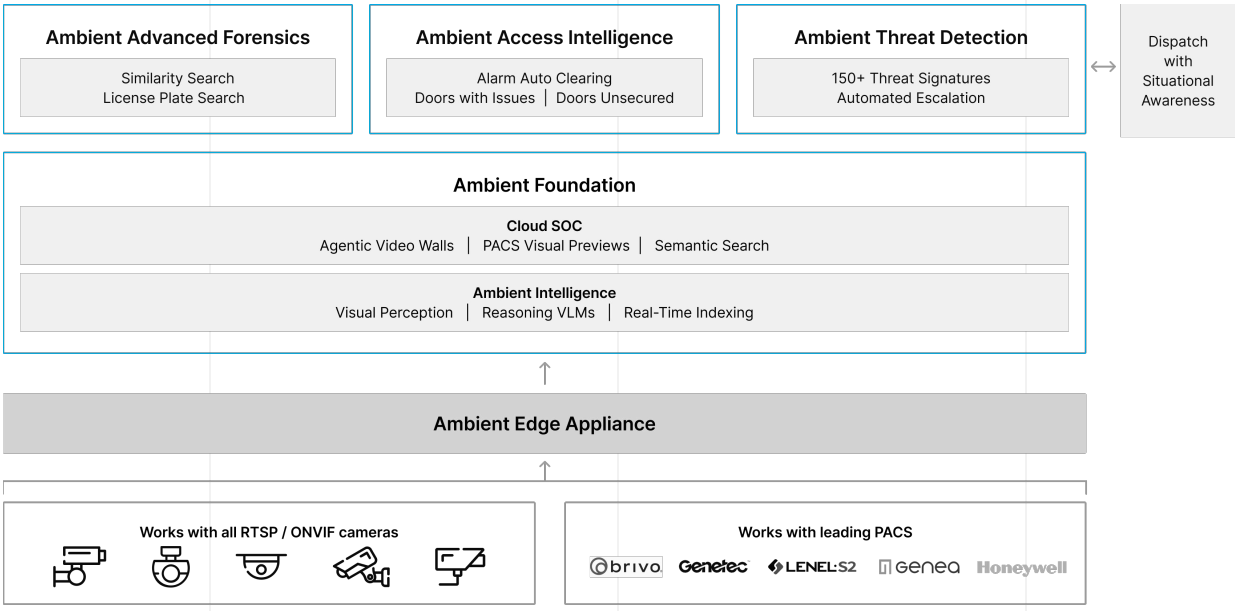
Ambient.ai

REASONING AI PLATFORM FOR AGENTIC PHYSICAL SECURITY

Most security cameras are deployed to record, not to reason. Operators are expected to monitor hundreds of feeds simultaneously, validate thousands of access control signals, and investigate every alert in real time. Human attention cannot scale across hundreds of simultaneous streams, and legacy tools were never designed for this volume or velocity. The result is a reactive posture: incidents are responded to after the fact, if they are caught at all.

Ambient.ai is the category creator and leader in **Agentic Physical Security**. At the core of the platform is **Ambient Intelligence**, the most advanced AI stack in the industry, powered by **Ambient Pulsar**, the first always-on, edge-optimized Vision-Language Model purpose-built for physical security. Working with existing camera and PACS infrastructure, Ambient.ai creates a unified intelligence layer that delivers AI-native VMS capabilities, detects and automates response to **150+ verified threat signatures**, reduces **PACS alarm volume by 95%**, and accelerates investigations from days to minutes. Trusted by Fortune 100 enterprises worldwide, customers resolve over **90% of alerts in under one minute**.

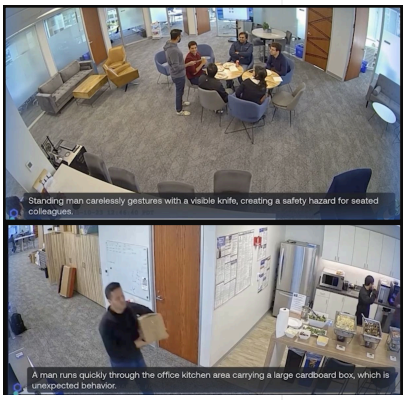


Trusted by the world's leading security teams

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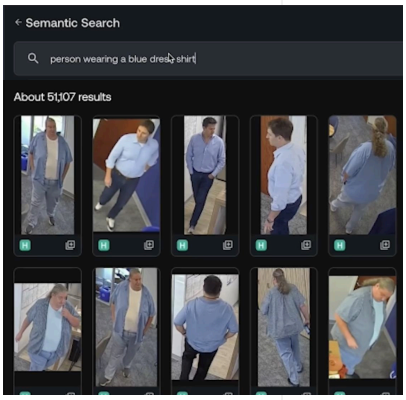
95% PACS alarm reduction	**20X** faster investigations	**90%+** of alerts resolved under one minute	**10X** faster response time

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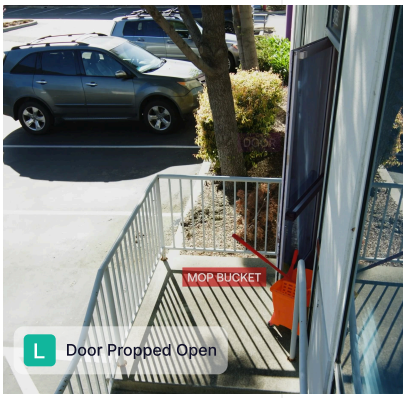
Ambient Foundation

Ambient Foundation is the first AI-native VMS, providing security teams with continuous, real-time situational awareness by unifying data from existing cameras and PACS across multiple sites. **Agentic Video Walls** surfaces the most relevant event across every camera every 60 seconds, **PACS Visual Previews** attach video context to every access alarm, and **Semantic Search** and **Case Management** turn hours of investigation into a shareable story in minutes. When ready to expand, additional modules activate seamlessly within the same Cloud SOC, completing the Agentic Physical Security platform with no re-platforming.



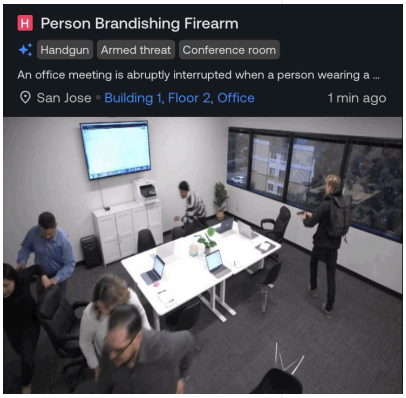
Ambient Advanced Forensics

Ambient Advanced Forensics transforms how security teams investigate incidents, turning days of manual video review into answers in seconds. Powered by **Ambient Intelligence**, it continuously indexes live video across every connected camera, enabling operators to instantly find people, vehicles, objects, and behaviors using natural language: “person in cheetah print jacket near the loading dock.” **Similarity Search** traces individuals across cameras by appearance, and **Incident Timelines** reconstruct the full sequence of events across locations and time, all from a single interface with no manual scrubbing.



Ambient Access Intelligence

Ambient Access Intelligence uses patented technology to fuse live video with PACS events in real time, creating a **self-validating perimeter. Alarm Auto Clearing** resolves 95% of PACS alarms before they reach an operator by filtering false positives, ensuring only verified incidents surface as contextualized alerts with video evidence attached. **Doors with Issues** continuously diagnoses access points that generate chronic infrastructure noise, and **Doors Unsecured** delivers real-time confirmation of every door that is physically open across the perimeter.



Ambient Threat Detection

Ambient Threat Detection prevents incidents before they escalate. It continuously reasons across live video to detect, assess, and respond to over **150 verified threat signatures**, spanning the full threat lifecycle from pre-incident behavior like loitering in a restricted area to active threats like a brandished firearm. Where legacy systems generate alarms for operators to chase, Ambient Threat Detection distinguishes intent from routine activity and **Automated Escalation and Dispatch** initiates response based on threat type and severity, keeping operators in the loop and not in the bottleneck.

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