Ambient.ai

Ambient Advanced Forensics
Complete Investigations in Minutes, Not Hours

Car ✕

How long has this car been here?

When did this car arrive?

When did this car leave?
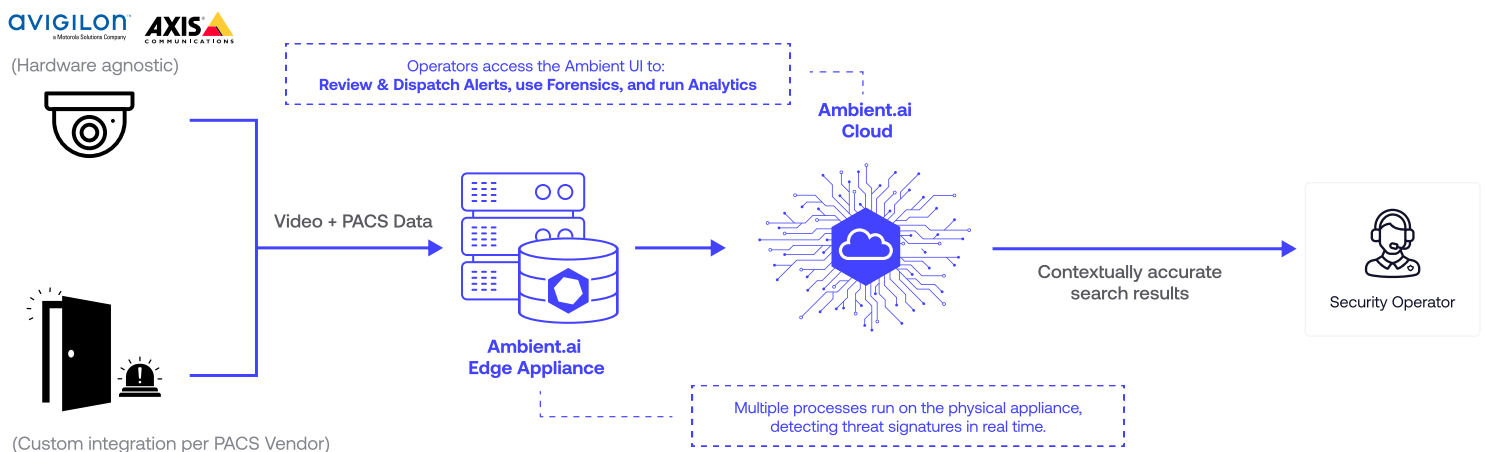
When was there a person near this car?
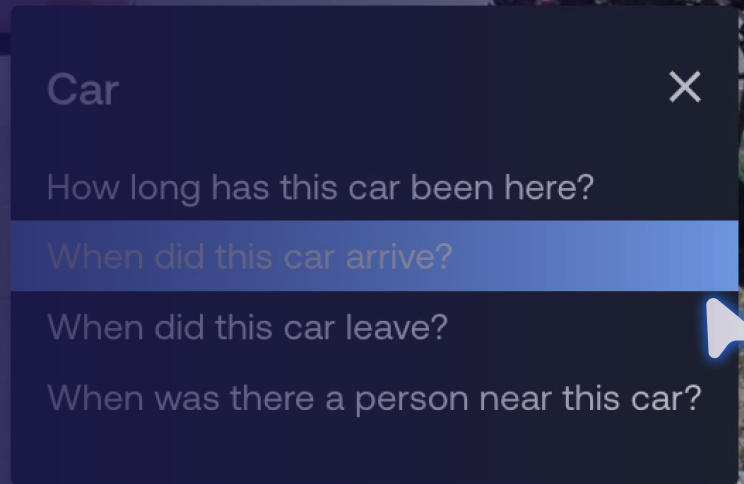
With hundreds of cameras strategically placed across buildings and campuses, surveillance footage is a vital asset for security investigations. Relevant surveillance footage can provide evidence for law enforcement, help meet regulatory requirements, and improve security operations. Unfortunately, finding that relevant footage is time consuming and resource intensive, sometimes requiring hours or even days of a security operator's time.

Ambient Advanced Forensics enables rapid investigations across thousands of cameras using Rapid Natural Language Search. What once took days of manual review now takes seconds. Operators can instantly search surveillance video using simple, everyday language (e.g., "person in red shirt" or "person carrying blue backpack on second floor yesterday at 1 PM"), quickly find key footage, and automatically generate incident timelines and case reports, without the need for complex tools. This allows investigations to unfold in real time, enabling faster, more informed decisions.

AVIGILON — a Motorola Solutions Company   AXIS COMMUNICATIONS
(Hardware agnostic)

Operators access the Ambient UI to:
Review & Dispatch Alerts, use Forensics, and run Analytics

Ambient.ai Cloud

Video + PACS Data

Ambient.ai Edge Appliance

(Custom integration per PACS Vendor)

Multiple processes run on the physical appliance, detecting threat signatures in real time.

Contextually accurate search results

Security Operator

How it works

Ambient Advanced Forensics, as part of the Ambient.ai platform, integrates with your existing security infrastructure. The footage from all the security cameras is sent to the Ambient Edge Appliance set up in your security operations center (SOC). The Edge Appliance continuously analyzes footage to identify threat signatures. When a security operator runs an Advanced Forensics search such as "person in red shirt carrying backpack", our trained AI model knows which footage across all cameras contains people dressed in a red shirt that are also carrying a backpack and returns those specific results.

Benefits for you

- **Immediately run security investigations:** Quickly begin searching over historical footage without the need for manual, time-consuming video scrubbing or extraction.

- **Easily and intuitively search for events:** Search across your entire global network with ease with queries in everyday English, such as "All people exiting my building after 8pm over the last 3 days carrying a laptop."

- **Reduce investigation times by 90%:** Receive instant, accurate results and complete investigations in minutes, not hours or days.

Streamline Video Investigations

Faster Investigations

Search Across Cameras

Pinpoint Footage Instantly

Accelerate Investigations from Days to Seconds

Intuitive Event-Based Search

- Go beyond motion and simple object detection
- Intuitively search for multi-object events & behaviors, e.g. "person carrying a backpack"
- Easily detect events happening over time, e.g., "person loitering for 45 seconds"
- Detect events based on PACS integrations, e.g., "tailgating" and "person entering through propped open door"

Near Real-Time Investigations

- Automated, continuous video processing
- From incident to investigation almost immediately
- No need for manual video extraction or processing

Fully Integrated

- Search across your entire global network
- Filter by time, location, camera, or site
- Use familiar VMS concepts, like Video Walls, in result filtering
- One-click video archiving and sharing

🔍 Person carrying

✦ Person carrying

Available Keywords

🕐 Person Carrying Bag [handbag, backpack, suitcase]

🕐 Person Carrying Computer [laptop, monitor]

🕐 Person Carrying Item

🕐 Person Carrying Package

🕐 Person Carrying Bag Tailgating [access-verified]   PACS

🕐 Person Carrying Package Tailgating [access-verified]   PACS

☐ Afternoon   970

☐ Evening   623

Accelerate investigations by 20x

Search across all cameras in minutes.

◇ Ambient.ai   v1.5|0925   Visit www.ambient.ai to learn more and see it in action.