

Avigilon Unity Access & Ambient.ai Signals Intelligence Integration



Integration Overview:

- Prioritize and contextualize Avigilon Unity Access Events with the help of AI Video Analytics
- Automatically acknowledge unactionable events with AI-generated resolution notes based on corresponding video footage
- Advanced perimeter protection through tailgating and unauthorized access detection
- Faster response times for security breaches
- Review historical data, trends, noise ratios, and identify faulty access control hardware
- Easy onboarding, configuration, and reader-camera mapping

Introducing Ambient.ai's Signals Intelligence Integration

The Ambient.ai Signals Intelligence Integration v2.0 connects the Ambient.ai Platform and Context Graph™ with Avigilon Unity Access. Ambient automates the manual effort needed for visual verification, enabling SOC's to respond to incidents 10X faster. With Ambient.ai + Avigilon Unity Access, unactionable alerts are minimized, security events are prioritized, and the SOC is empowered to proactively intervene before incidents escalate.

How Ambient's Signals Intelligence Works

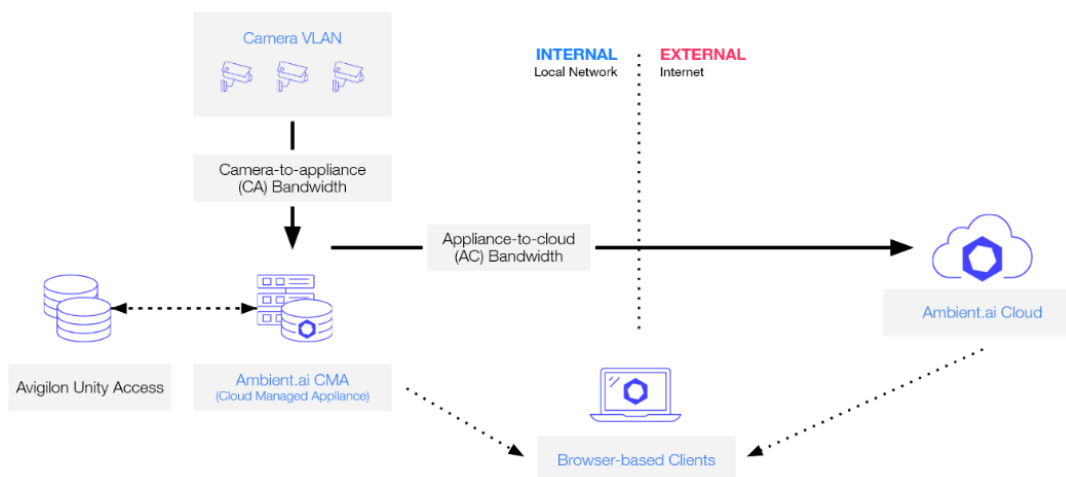
Signals intelligence correlates PACS alerts and security camera streams with computer vision intelligence to create actionable alerts, with a number of key benefits, including:

- Drastic reduction in noise
- Automated workflow prioritization for the SOC
- Greater focus on proactive response to urgent safety and security incidents

Even if the PACS is integrated with a video management system (VMS), the team must access the corresponding video clip, visually verify whether it is an actionable alert or not, and then respond appropriately. With Signals Intelligence, each alert is pre-verified with advanced threat detection, removing up to 95% of noisy alerts, and ensuring that every alert is actionable.

Signals Intelligence delivers on several fronts:

- Analyzes the event and identifies the threat type and priority
- Provides event contextualization results to the operator, together with the associated video clip in near real-time
- Enables security officers to dispatch with visual context
- Tracks important information about response details and resolution times
- Enables teams to make strategic decisions over time to improve safety and security



How Ambient's Signals Intelligence Integrates with Avigilon Unity Access

The end-user will use this integration through Avigilon Unity Access. The integration is seamless as it does not add any additional graphical user interface compared to the normal Avigilon Unity Access system. There is a separate Ambient.ai User Interface hosted in the cloud with complementary functionalities. The integration will receive data from Avigilon Unity Access and it will update the PACS events both in the Ambient Cloud and in the Avigilon Unity Access.

Component Requirements

To Integrate with the Avigilon Unity Access, version 6 of Avigilon Unity Access is required. The integration will communicate with the Unity Access using the Unity Access REST API. It will receive PACS events from an XML Collaboration configured in Avigilon Unity Access.

System Requirements

The Ambient.ai integration consists of:

- Ambient Appliance (OnPrem)
- Ambient Cloud
- Ambient Web UI

The Ambient Appliance is provided by Ambient.ai and will be kept at the customer's premises. The configuration is done by the Ambient integrations team as part of customer onboarding. Customer needs to provide the configured Avigilon Unity Access connection details to the Ambient support team. The server is a GPU enabled server running in Ubuntu. The appliance will receive data from the Avigilon Unity Access and post the PACS events to the Ambient Cloud.

Continuous Monitoring

Once deployed, the integration is continuously monitored by Ambient.ai staff. Ambient.ai staff will proactively monitor the health status of the Ambient.ai Cloud Managed Appliances. The status of the Ambient.ai Cloud Managed Appliance can also be monitored via the Ambient.ai Web UI.

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