



# **SYMPHIA** **SOLUTION OVERVIEW** **INCREASING** **SITUATIONAL** **AWARENESS**

with Symphia VMS and  
Analytics on the Edge



**INTELLICENE**  
SECURITY. EVOLVED.

## Enhance Situational Awareness

**Video analytics can enhance situational awareness and transform threat detection from a manual, resource-intensive operation to an efficient, accurate, automated process. By performing real-time analysis of video, video analytics can identify and generate alerts for a variety of user-defined events relating to people, vehicles and objects. With video analytics, security staff can focus on deterring and managing threats in real-time with automatic and time-critical detection capabilities, enabling them to take immediate action.**

In recent years, IP camera manufacturers have built the video analytics into the camera, enabling the processing of video and generating alarms on the camera itself. The advancement of Analytics on the Edge presents analytics capabilities that were only available in server-based analytics with new cameras capable of performing powerful analytics, based on Artificial Intelligence (AI) and Machine Learning (ML). This benefits security operations by saving the investment needed for additional analytics servers to decode and process the video. In addition, camera manufacturers that support Analytics on the Edge would have the ability to maintain competitive by charging a nominal fee or providing the analytics capability for free. This information is critical to determining and deploying an immediate and appropriate course of action.



### Perimeter Protection

The camera analytics can be set to alert for perimeter protection and rule violations like loitering, object removed, tailgating, crossing line, and many more. These can be set to deliver an alarm to Symphia™ VMS, for example when a person is entering a defined perimeter, alerting the operator and at the same time send a PTZ command to point to the area where the event occurred.



### Enforcing Traffic Rules

The camera's analytics can be set to identify vehicles dwelling or parking in forbidden areas or during restricted times of the day. It generates an alarm in Symphia VMS to record the violation and Symphia VMS may also alarm the enforcement team to attend to the case. Other cameras may be capable of identifying and alerting Symphia VMS on traffic rules violations, like driving against traffic or crossing a red light.



### Fire Alert

Some camera's analytics can identify and alert when detecting a fire. Symphia VMS will receive the alarm and will notify the security operator to follow protocol and may also generate a direct call to the fire department and emergency medical services.



### Sound Analytics/Classification

Symphia VMS is integrated with Sound Analytics and Classification running on the camera/edge. Cameras connected to microphones can detect and classify dangerous situations, like gunshot, glass breakage, scream sounds or explosions, and send alarms to the operators so that they can respond immediately.

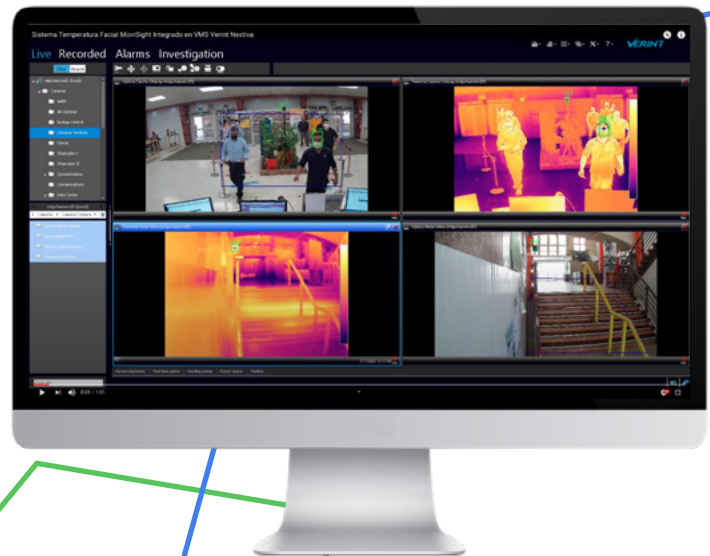


### Camera Tampering

Symphia VMS can receive camera tampering events from the cameras, and send them to the Symphia Health Check application. Organizations can be notified immediately about cameras that have stopped coverage intentionally (for example, obstructed field of view or occlusion), or unintentionally (example, camera motion), and act to rectify the situation.

### Workplace Health and Safety

Utilizing camera analytics can assist organizations in adhering to dynamic COVID-19 regulations and recommendations like temperature screening, mask wearing, occupancy limitations and social distancing. The integration of Symphia VMS with a thermal imaging camera can provide the security operators with an alert every time users with elevated skin temperature are detected by the camera. Cameras with analytics capabilities of identifying people can assist in identifying people without a mask, counting people and measure the distance between them, providing an alarm to the security team if any of the predefined guidelines were not followed, so the security team can act to correct the situation.





The list of vendors with integrated IP Cameras with Analytics on the Edge, Symphia VMS and Symphia One is growing and Intellicene is constantly looking to expand this list. New vendors and models are added with the release of new IP camera plugins.

**Current vendors with Analytics on the Edge supported by Symphia VMS and Symphia One are:**

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**Contact us to learn more about how Symphia VMS and Symphia One integrations with IP Cameras with Analytics on the Edge can enhance and improve security operations.**



**Schedule an Online Demo Today**

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#### About Intellicene

Intellicene is a global leader in security analytics software that empowers governments and enterprises. Our open software fuses, analyzes and visualizes disparate data sets at scale to help security organizations find the needles in the haystacks. Over 1,000 government and enterprise customers in more than 100 countries rely on Intellicene's solutions to accelerate security investigations and connect the dots to successfully identify, neutralize, and prevent threats to national security, business continuity and cyber security.

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