



CLOUD VMS CLOUD-BASED SURVEILLANCE AND ANALYTICS

COMPONENTS OF THE PLATFORM

- Web-based video portal and admin portal
- Native mobile apps for iOS and Android
- Alarm station module for real-time monitoring

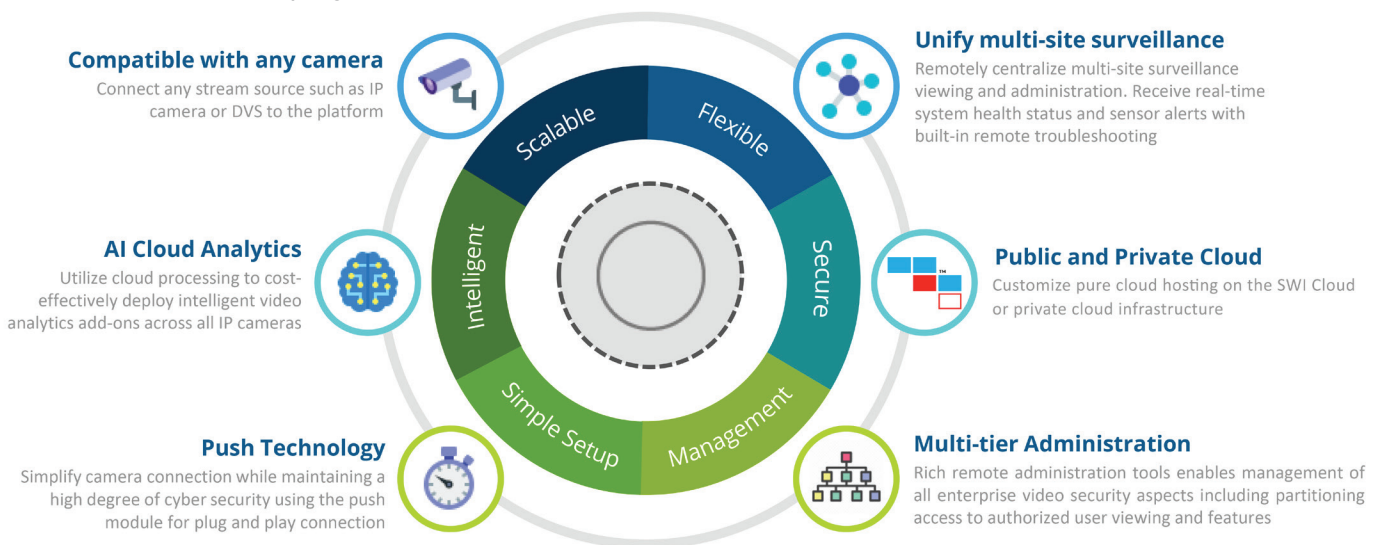
ADD-ONS

- Cloud analytics; object detection, people counting, heatmaps, facial recognition, color and area search
- Web widgets, long-term time lapse and more

Cloud VMS is a pure cloud video surveillance and analytics platform, operating on a modern redundant cloud architecture via an HTML5 Web interface with comprehensive mobile applications. Cloud VMS is hosted on the SWI Cloud for redundancy and data security but can also be deployed on a private cloud. The deployment of pure cloud surveillance is affordably scalable and flexible as existing cameras can be added without additional hardware or software investments.

INTEGRATIONS

- Private cloud deployment





CLOUD ANALYTICS

Utilize the power of cloud processing to layer advanced cloud analytics alongside common camera-side analytics to provide an enhanced user experience. SWI cloud analytics enable users to set rule-based analytics with subsequent custom alerts for email or app push notifications during a set schedule for select users.

SWI machine-learning systems are constantly retraining and evolving object classification algorithms in real time based on all enabled footage, locations and conditions (network effect).

Rule-based cloud analytics allow users to detect, track and classify objects such as a Car, Person, Animal as well as any other 110+ categories available. In addition, users can enable cloud People Counting, Heat Maps and Facial Recognition (set alerts for whitelist and blacklist of faces), Color and Area Search.

ALARM STATION

Included with the Cloud VMS platform is a web-based real-time Event monitoring application for video verification. Unify multi-site and brand surveillance, extend cloud analytics to filter only accurate Events and enable agents to take action on Event pop-ups. This is an opportunity to use any computer as a powerful real-time monitoring device, maximize the efficiency of agents viewing only relevant events while minimizing fatigue, and leveraging object detection analytics to remove false alarms. A black screen, with any number of tiles, is populated with real-time video clips of preconfigured video analytics rules with options available to talk-down, view camera location, screenshot, clip and share Events, categorize the Event type or simply acknowledge and log the Event with or without a note. All camera Event history is logged and searchable by Event types in the admin portal.



Systems With Intelligence Inc.
6889 Rexwood Road, Unit #9
Mississauga, Ontario, CANADA
L4V 1R2

Tel: +1-289-562-0126

Fax: +1-289-562-0152

General Inquiries:

info@SystemsWithIntelligence.com

Sales Inquiries:

sales@SystemsWithIntelligence.com

Product Support:

support@SystemsWithIntelligence.com

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