

Videonetics Intelligent VMS 3.0 & AXIS Radar Integration



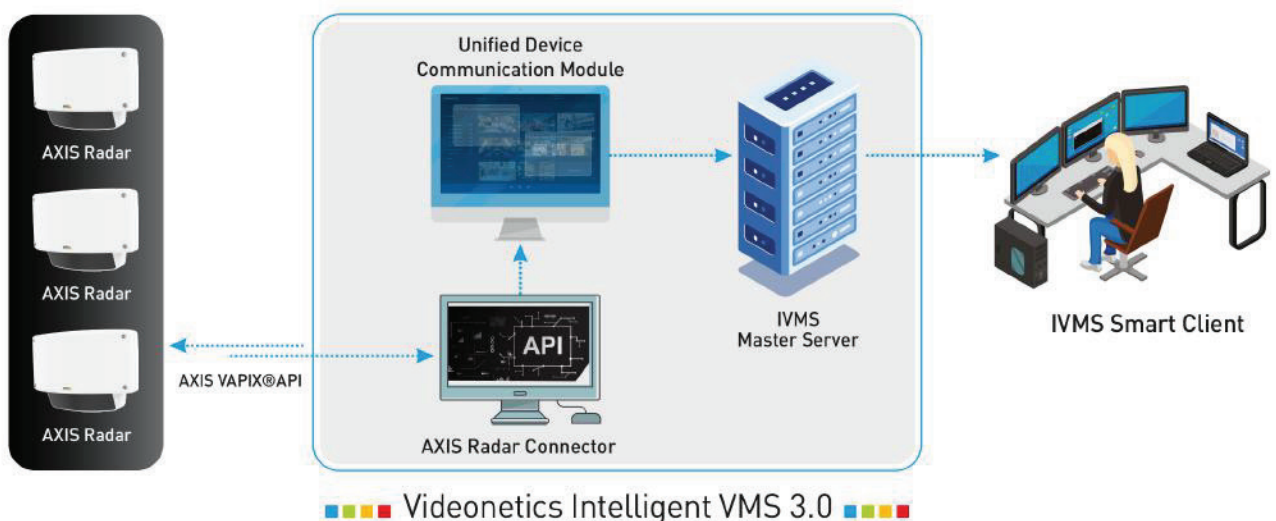
Overview

Videonetics Intelligent Video Management System (IVMS) 3.0 becomes more powerful when coupled with AXIS Radar to further heighten the security of the facility/organization and enhance readiness to respond to incidents. AXIS Radar can detect, classify, and track objects within its range of operation. It also provides approximate speed of the tracked objects. AXIS Radar devices expose Application Programming Interface (API) to share the attributes of the detected objects (class, speed and position) with other applications. Videonetics Intelligent VMS 3.0, when integrated with AXIS Radar, provides additional visual information of the scene with help of many cameras connected to IVMS, thus providing more situational awareness, detects real-time threats or multiple intrusions at the same time while reducing false alarms.

Users can view the track of the objects on the map along with multiple video streams that captures the movement of the object in the scene and views of the nearby area in a single unified user interface of video management system.

System Integration

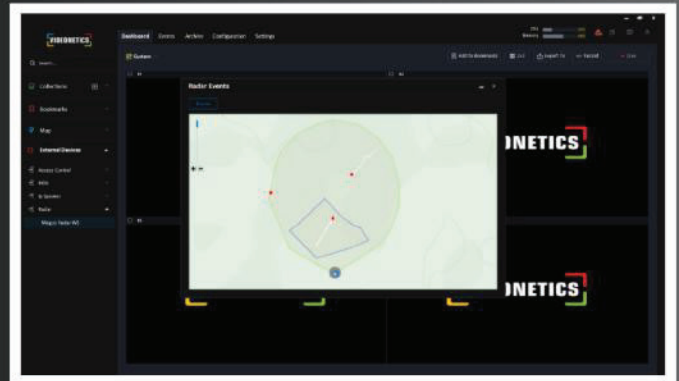
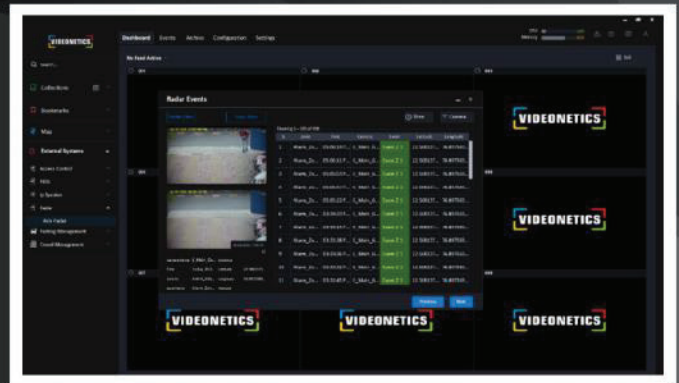
AXIS exposes VAPIX® API for its Radar devices. Videonetics Intelligent VMS 3.0 has software 'connector' to link up with any VAPIX® compliant Radar device and get both video stream as well as event metadata stream (i.e., tracks of the detected objects) from the device.



Once Intelligent VMS 3.0 receives video and data streams, it associates a map view, operators can view and manage video streams from other related cameras as well as Radar and the textual information derived from the metadata in a single unified interface of Intelligent VMS. Eventually, the received data/information are also indexed and stored in database for future reference or investigation purpose.

Key Features

- Extracts the benefits of both Radar as well as video surveillance.
- Unified intuitive interface for situational awareness when any object of interest is detected.
- Object-type [vehicle, person] specific alert configuration.
- Instant event forwarding to other operators using IVMS messaging framework, for faster response.
- Association of multiple cameras and activation of PTZ tour on detection of objects by Radar.
- Video pop up on IVMS Workstation on detection of objects of interests by Radar.
- If enabled with Videonetics AI/DL powered video analytics applications, the integrated solution can be further scaled up to monitor people behaviour inside the premises and to detect unnatural speed of movement of vehicles/people/object/animal etc.



Compatibility

Videonetics Product
Intelligent VMS 3.0

AXIS Product
AXIS D2050-VE, AXIS D2110-VE Security Radar

About Axis Communications

Axis enables a smarter and safer world by creating network solutions that provide insights for improving security and new ways of doing business. As the industry leader in network video, Axis offers products and services for video surveillance and analytics, access control, and audio systems. Axis has more than 3,000 dedicated employees in over 50 countries and collaborates with partners worldwide to deliver customer solutions. Axis was founded in 1984 and has its headquarters in Lund, Sweden. For more information about Axis, please visit our website www.axis.com

About Videonetics

Videonetics's Unified Video Computing Platform (UVCP™) helps you make sense of surveillance, by providing you with an end-to-end solution for a wide range of applications. The platform is powered by our Artificial Intelligence and Deep Learning engine, which is trained on humongous data sets, making our solutions incredibly robust and smart. All our products and solutions are integrated yet modular, ONVIF compliant, OS and hardware agnostic, scalable and interoperable.

Videonetics has been ranked #1 Video Management Software provider in India, and among the top 5 in Asia (IHS/Informa Tech Research). We remain driven by innovation, and committed to making the world a safer, smarter, happier place.



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