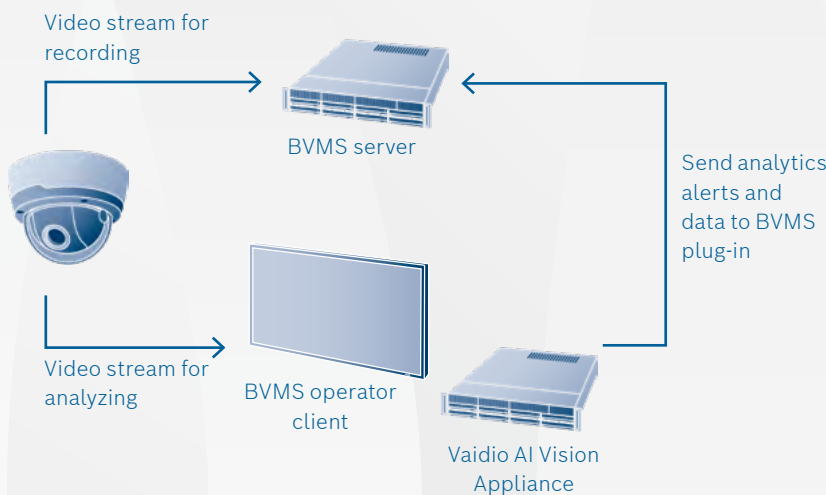# Integrated Video Management Solution

Video Analytics solution

Bosch Security Systems and Aicuda Technology

Video stream for recording

BVMS server

Video stream for analyzing

BVMS operator client

Send analytics alerts and data to BVMS plug-in

Vaidio AI Vision Appliance

▶ Efficient monitoring, real-time notifying and alarm handling based on AI-enabled video analytics

▶ Forensic search for post-event investigation

▶ Easy integration in existing BVMS deployments

▶ Suitable for many verticals

AICUDA
TECHNOLOGY
IRONYUN

The integration of BVMS and Vaidio allows users to receive a broad range of video analytics events in the BVMS operator client.

The Vaidio AI Vision Platform is a ready-to-use AI video analytics tool with pre-trained deep-learning AI models that supports over 20 AI-enabled video analytics such as intrusion detection, license plate recognition, fall, fight, loitering and more. Vaidio software runs pre-loaded on appliances, edge devices or cloud.

The integration with BVMS is achieved via Vaidio http API and BVMS' SDK API and enables operators to immediately receive and analyze alerts that are based on video analytics in BVMS. Operators can

either be informed via detection notifications or search for specific text data or events in the logbook of the operator client. The comprehensive selection of analytics features from Vaidio, in combination with the powerful BVMS alarm management offers a comprehensive and efficient video analytics solution for many verticals.

Compatibility

Aicuda Technology	Bosch
Vaidio 5.1.0 compatible Vaidio Alert Porter Plugin for BVMS 10.1	BVMS (version 10.1 and higher)

Transportation

Hospitals and health institutions

Commercial buildings

Education

Key features

Efficiency
Quick and efficient integration of Vaidio Alert Porter Plugin into BVMS.

Scalability
Vaidio server adds a scalable suite of video analytics options to any BVMS system.
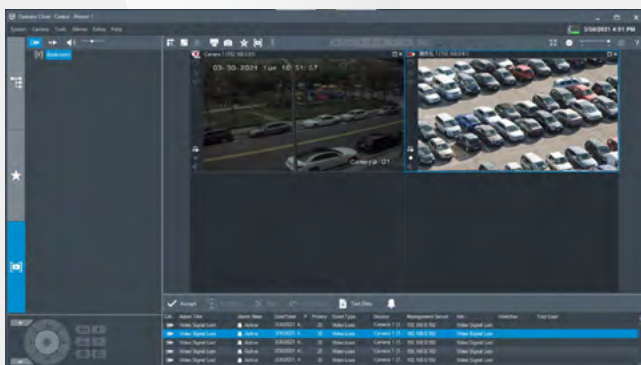
Complementary video search capabilities
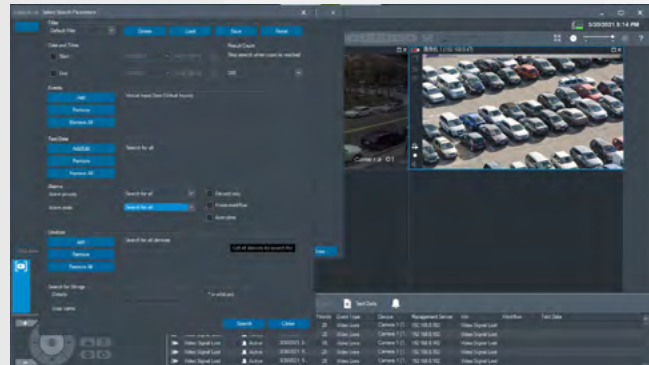Identification of events with Vaidio, handling, solving and follow-up of the incident in BVMS.

Centralization
Option to manage multiple sites centrally.

User interface

The BVMS operator is notified about an analytics event in real time via the alarm function in the Operator Client. He can watch the video clip of a detected event by selecting the event in the event list.

The BVMS operator is able to search the detected analytics events in the logbook of the operator client. He can search by event and / or text data.

The Bosch division Security Systems is a leading global supplier of security, safety, and communications products, solutions and services. Protecting lives, buildings and assets is our aim. The product portfolio includes video surveillance, intrusion detection, fire detection and voice evacuation systems as well as access control and management systems. Professional audio and conference systems for communication of voice, sound and music complete the range. Bosch Security Systems develops and manufactures in its own plants across the world. Additional information can be accessed at www.boschsecurity.com

Visit **www.ipp.boschsecurity.com** for details on the Bosch Integration Partner Program

Vaidio™ AI Vision Platform orchestrates multiple AI video analytics engines to provide higher accuracy and lower total costs across the industry's broadest array of video analytics. Vaidio solutions are deployed by government organizations, airport and maritime authorities, schools and campuses, manufacturing and healthcare facilities and other critical infrastructure organizations across the globe to rapidly detect, track, identify, search, and view thousands of objects and receive real-time notifications of critical events. The patented deep-learning video analytics software seamlessly integrates with a large variety of 3rd party products. Sales and engineering teams are strategically located around the world. For more information visit www.aicuda.world or www.ironyun.com