

Videonetics Intelligent VMS 3.0 & Matrix Access Control Integration



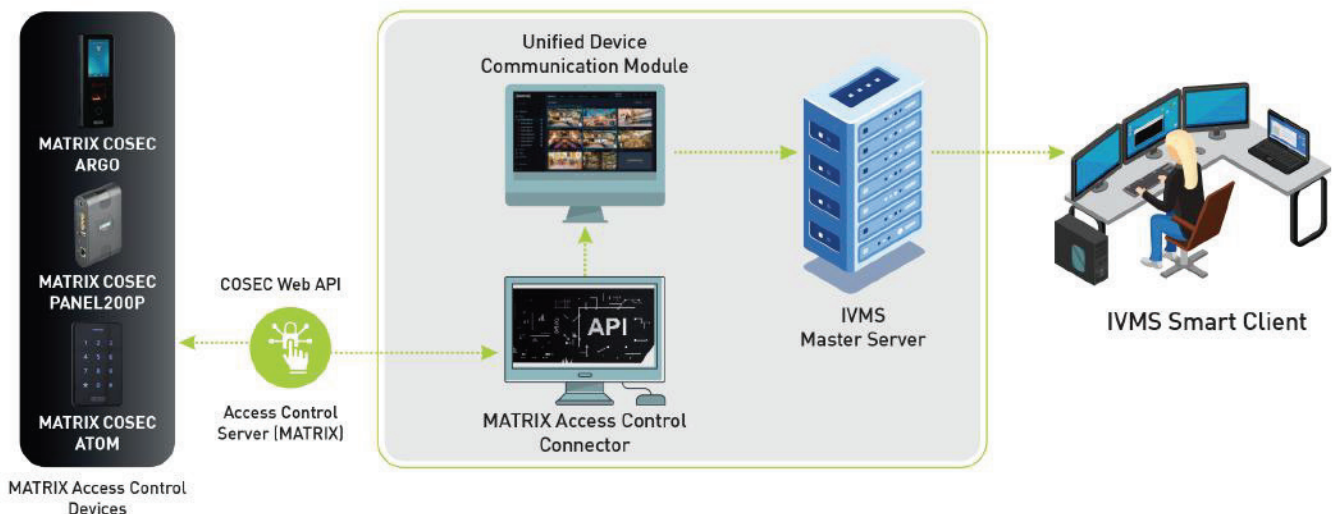
Overview

Videonetics Intelligent VMS 3.0 (IVMS) when coupled with Matrix Access Control Devices delivers multi-layered security system to the next level, by improving safety and mitigating risk as it arises. Matrix Access Control Devices are used to regulate entry or exit of people by means of producing access credential at the entry/exit points. Every person is identified by a unique Identification number. Once a person produces his/her credential by means of smartcard/fingerprint etc., the access control device sends a notification to Videonetics Intelligent VMS. The incident is logged inside the Intelligent VMS database along with other information of the person.

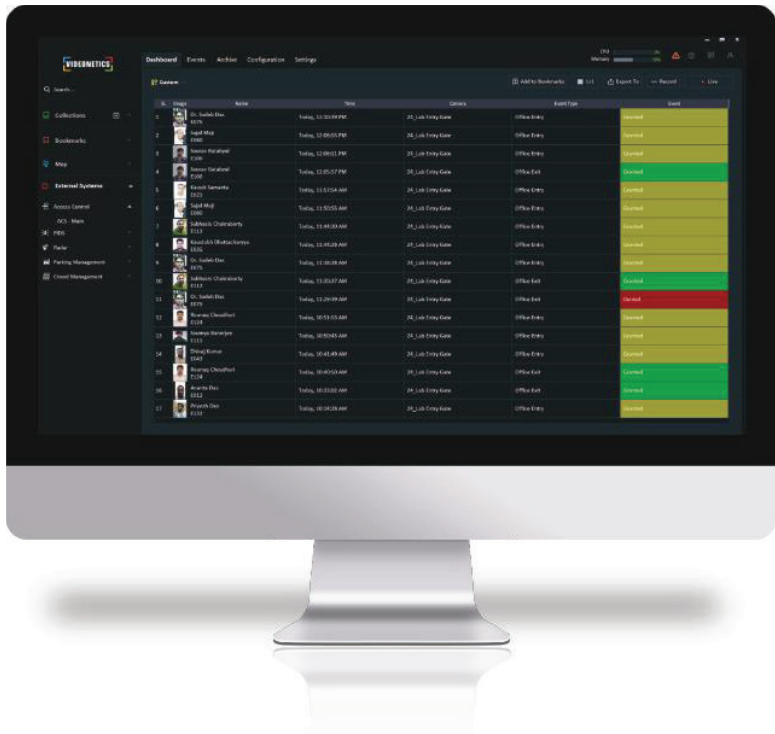
By converging Videonetics Intelligent VMS and Matrix Access Control devices, security personnel can view different checkpoints and detect/monitor incidents in real-time on the unified interface of IVMS as well as empowers them to respond immediately. One or more cameras connected to Intelligent VMS can be associated with each of the devices. At the time of any incident, each alert from Access Control Devices is tagged with a video and an image from the camera and displayed on the monitor, resulting in better decision-making, creating situational awareness along with improved response time.

System Integration

Multiple Access control devices are connected to Matrix COSEC Web API server. Videonetics Intelligent VMS communicates with the Web API server to receive events and send requests to the access control system.



By virtue of this integration, Intelligent VMS 3.0 receives the photo of a person registered with the Access Control Device over COSEC Web API. Once IVMS receives notifications from access control devices, it displays the image of the camera capturing the scene along with the registered face of the person, thus enabling users to verify correct usage of the authentication mechanism (smartcard etc). These information are indexed and stored in database for future reference or for investigation purpose.



Key Features

- Incidents such as 'door open for too long', 'access denied', 'two people entering on single swipe' etc. can be detected in real-time by the access control and send notification with video to Intelligent VMS.
- Monitor and detect tailgating as it happens to identify unauthorized users.
- Extracts the benefits of both Access Control as well as video surveillance.
- Unified intuitive interface for situational awareness when access control is used.
- Instant event forwarding to other operators using Intelligent VMS messaging framework, for faster response.
- Association of cameras on detection of objects with each access control events.
- Video pop up on IVMS Workstation on selected access control events
- PTZ camera movement on access control events to capture the scene.
- The unification of Intelligent VMS and MATRIX Access Control Devices advances the security system by protecting any restricted zone from unauthorized entry/breach. Enabled with Videonetics AI/DL based analytics applications, the integrated solution can be scaled up to track a given person.
- Instant report generation with details such as person name, image, entry time, status of access and so on.

Compatibility

Videonetics Product
Intelligent VMS 3.0

MATRIX Comsec Product
COSEC Vega Door Controllers

About MATRIX Comsec

Established in 1991, Matrix is a leader in Security and Telecom solutions for modern businesses and enterprises. As an innovative, technology-driven and customer-focused organization, the company is committed to keeping pace with the Security and Telecom industries' revolutions. With around 40% of its human resources dedicated to the development of new products, Matrix has launched cutting-edge products like Video Surveillance Systems - Video Management System, Network Video Recorder and IP Camera, Access Control and Time-Attendance systems as well as Telecom solutions such as Unified Communications, IP-PBX, Universal Gateways, VoIP and GSM Gateways and Communication Endpoints. These solutions are feature-rich, reliable and conform to international standards. Having global footprints in Asia, Europe, North America, South America, and Africa through an extensive network of more than 2,500 channel partners, Matrix ensures that the products serve the needs of its customers faster and longer. Matrix has gained the trust and admiration of customers representing the entire spectrum of industries. Matrix has won many international awards for its innovative products.

About Videonetics

Videonetics 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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