

EVMS

EDGE VIDEO MANAGEMENT SYSTEM

AI-based Operational Management & Business Insight



ALL-IN-ONE AI-POWERED VIDEO MANAGEMENT SYSTEM



Video Streaming

- Easily integrates with existing or 3rd party cameras and NVR and storage devices
- Display real-time streams & event statistics on video walls while scheduled channels get backed up



Indexing & Searching

Leverage big data & advanced indexing technology to quickly access events & video via filtered searches.



Data Visualization

- Get instant event alarms, statistical event analytics, filtered search results, and customized video walls on multiple dashboards
- Quickly locate specific cameras in your system via the GIS map and see real-time information & uncover data trends



Analytics

- Use IVA event alarms in real-time and in forensics
- IVA types as well as areas within video frames can be dynamically configured from within IVAR[®], the international award-winning intelligent video analytics software



Comprehensive Data Management

- Event data with GIS or user created digital maps to perform effective data correlation
- Customizable dashboard with multiple widgets give at-a-glance visualization



Increased Operational Efficiency

- 3rd party NVR & camera integration via standard RTSP stream
- API/SDK allows for a centralized VMS with cross multiple Camera/NVR vendors



Faster Response Times

Real-time event alerts via intelligent video analytics from Gorilla IVAR[®].



Easy Hardware Maintenance

Auto-detect camera status and video stream health.



Cost Effective

AI-based video analytics are embedded to replace manual video monitoring - save human resource costs and increase efficiency.

HOW WE EMPOWER YOUR BUSINESS

01

Store Event/Object Attributes in Temporal-Spatial Big Data Database

02

Manage Operations & Equipment Centrally

03

Receive Analytic Insights for Better Business Strategizing



EVMS CORE CAPABILITIES

Store event and object attribute in a big data database to deliver comprehensive operational management with up-to-the-minute actionable insights.

MONITORING CENTER

Customize, organize, and evolve the video wall in your control center to give operators the information they need before they realize they need it.

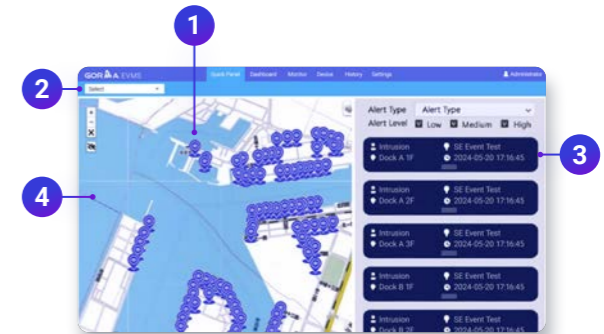
- 1 At-a-Glance Video Wall Monitoring
- 2 Create & Categorize Monitoring Groups
- 3 Time-Spatial GIS Event Alerting
- 4 Post-Event Search Analysis



EVENT VISUALIZATION VIA GIS & FLOORPLANS

Locate and view specific video feeds via interactive maps & floorplans.

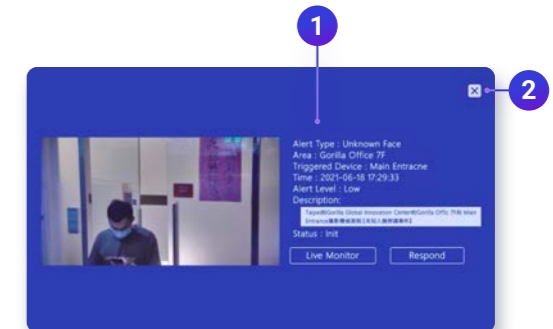
- 1 View Camera Locations
- 2 Select Specific Cameras
- 3 Integrate with Floorplans
- 4 View in Real-Time



LOGICAL & REAL-TIME IVA MANAGEMENT

Intelligently monitor & manage real-time events.

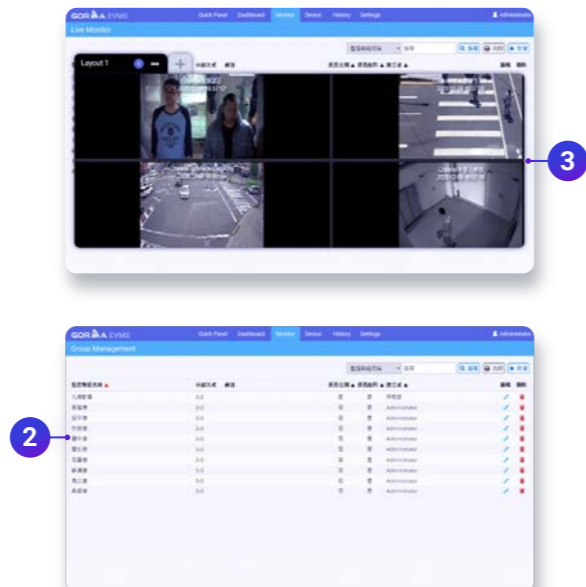
- 1 Intelligent Monitoring and Management Dashboard
- 2 Respond to Real-time Pop-up Events



CAMERA MANAGEMENT

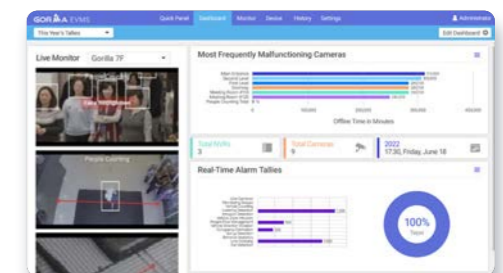
Create & use camera groups for streamlined operations.

- 1 Camera Health Status
- 2 Camera Group Lists for Monitoring
- 3 Background Group Monitoring while Viewing Full Screen



MULTIPLE DATA SOURCE STATISTICAL DASHBOARD

The event management dashboard can be customized to browse the interface according to needs - including complete statistical graphs which show video analytic results.

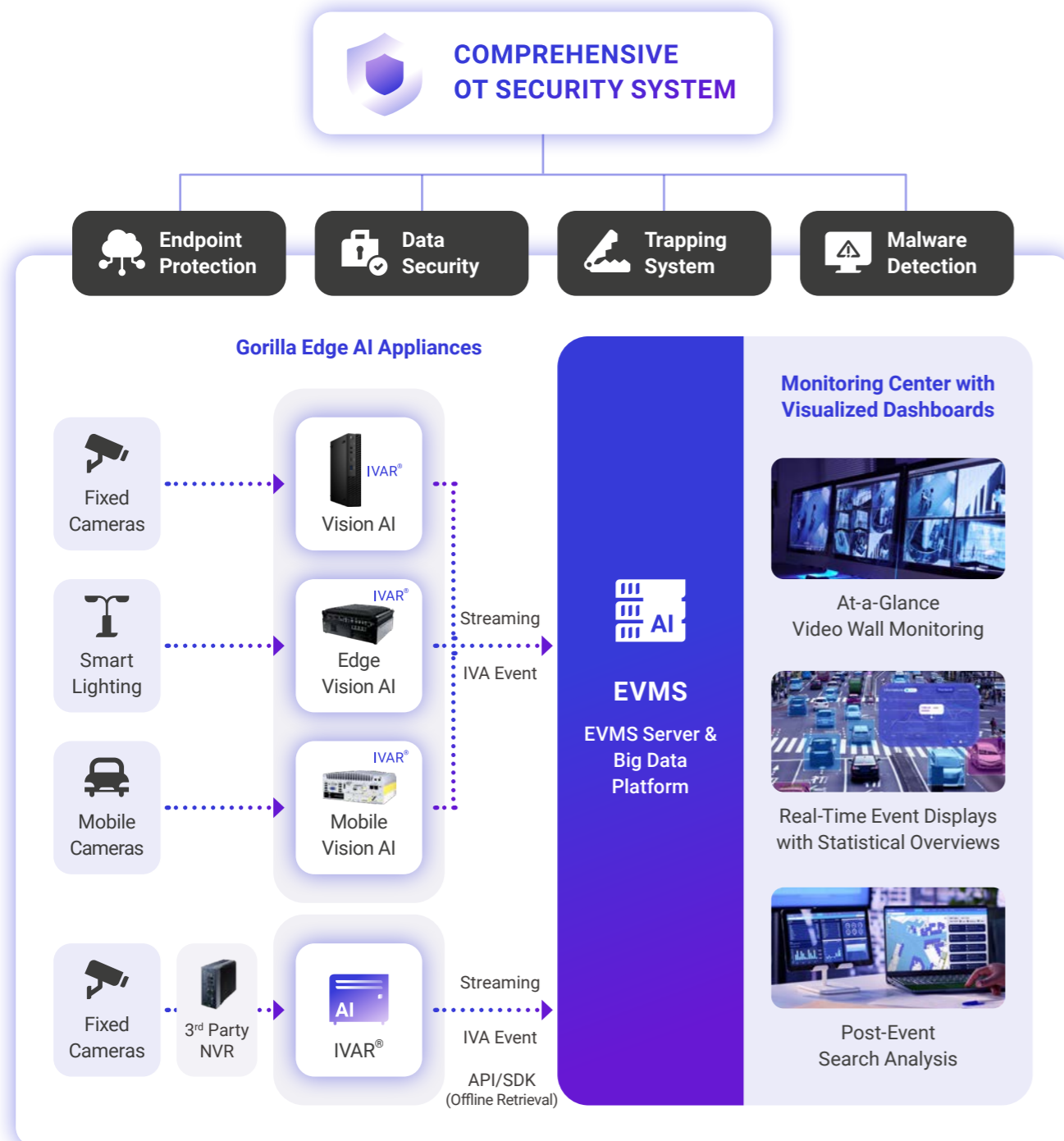


SCALABLE MANAGEMENT

EVMS can easily scale from single site to global operations. The system can easily be integrated with 3rd party tools and work with any RTSP cameras.

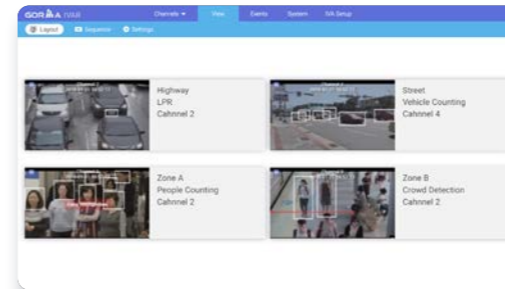
01 Manage Devices & Monitor Health Status

02 Control Accounts with Granular Precision



SEAMLESS INTEGRATION WITH IVAR®

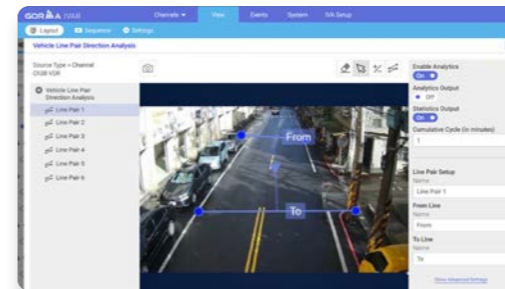
Integrate Video Analytics with Cameras



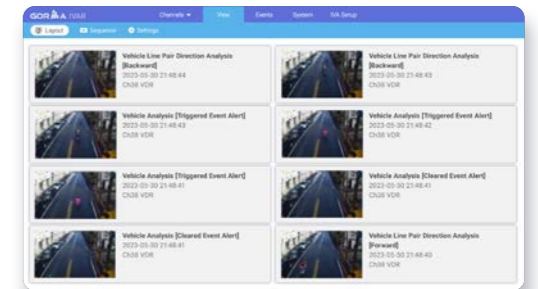
Video Analytic Events



Set Analytic Parameters



Search for Events



ARCHITECTURE	RECOMMENDED HARDWARE
EVMS Standard Version	Appliance Dell R740 Server *1
	Channels Maximum 8 Analytics Channels, 64 NVR Channels
	CPU Intel Xeon Gold 6226R *2
	RAM 128 GB
	Storage 960GB SSD *2 + 2TB *8
	OS Microsoft Windows Server 2019 Standard
EVMS Cluster Version	Appliances Dell R740 Server *3, Cluster Node Architecture
	Channels Maximum 24 Analytics Channels, 192 NVR Channels
	CPU Intel Xeon Gold 6226R *2
	RAM 128 GB
	Storage 960GB SSD *2 + 2TB *8
	OS Microsoft Windows Server 2019 Standard

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