# EVMS

AI-based Operational Management & Business Insight

EVMS is an advanced VMS with AI-based event search & management system that lets you:

- Store event/object attributes in temporal-spatial big data database
- Manage operations & equipment centrally
- Receive analytic insights for better business strategizing

## 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.

## Faster Response Times

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

## Increased Operational Efficiency

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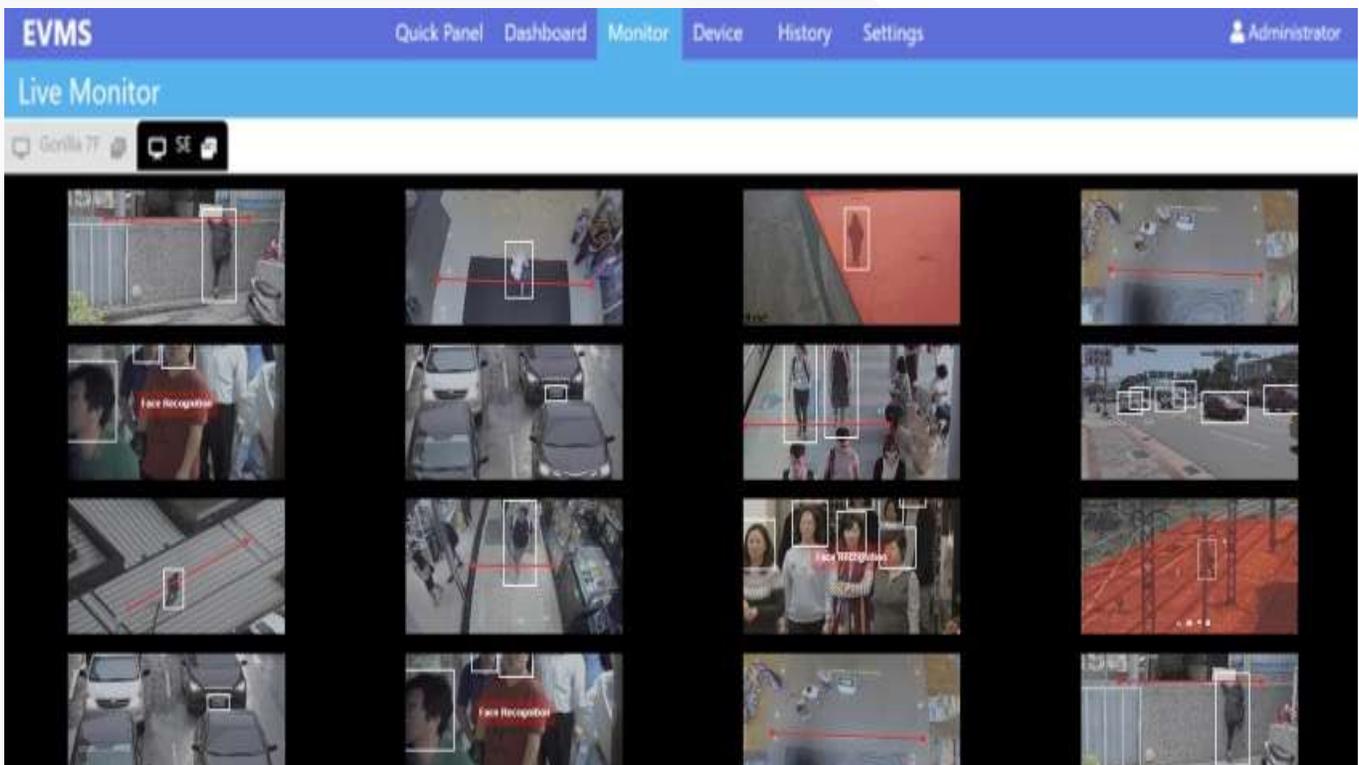- API/SDK allows for a centralized VMS with cross multiple Camera/NVR vendors.

## Cost Effective

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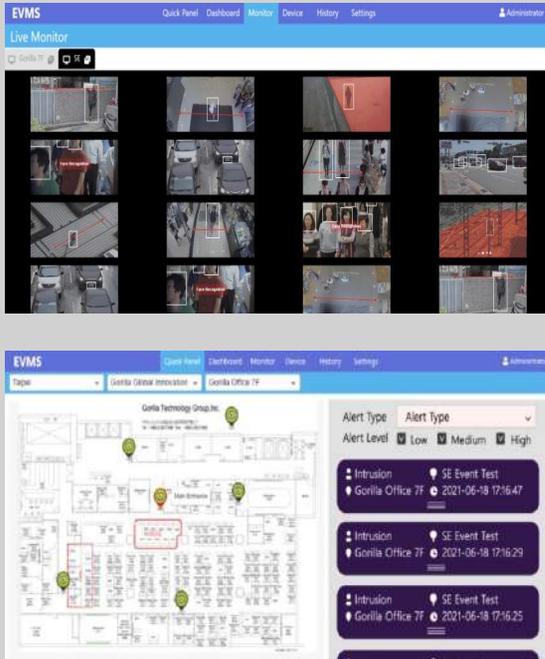
## Easy Hardware Maintenance

- Auto-detect camera status and video stream health.
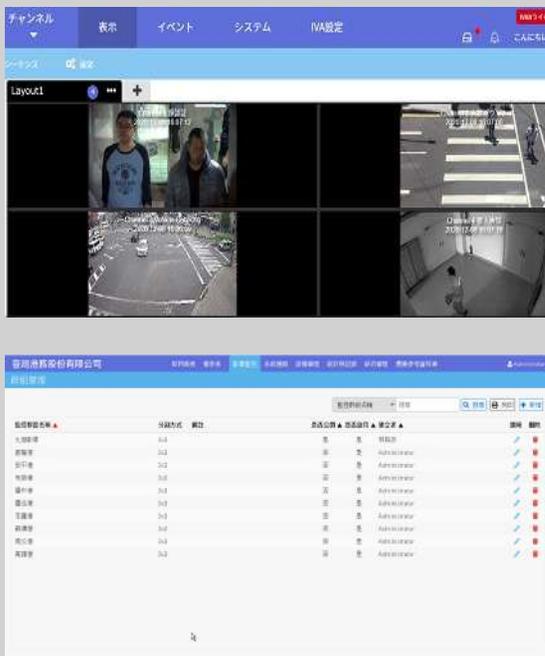
![GORillA logo]

## 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.

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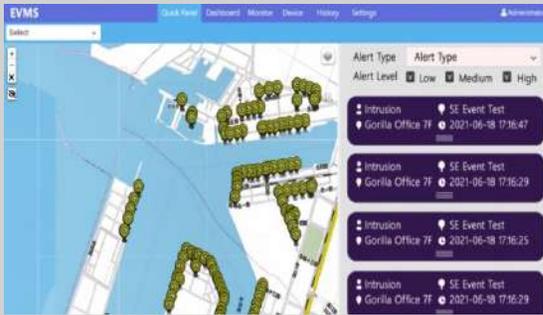- Post-Event Search Analysis

## Camera Management





Create & Use Camera Groups for Streamlined Operations.

- Camera Health Status
- Camera Group Lists for Monitoring
- Background Group Monitoring while Viewing Full Screen
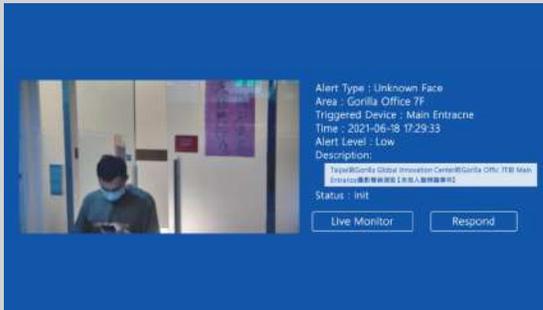
## Event Visualization via GIS & Floorplans



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

- View Camera Locations
- Select Specific Cameras
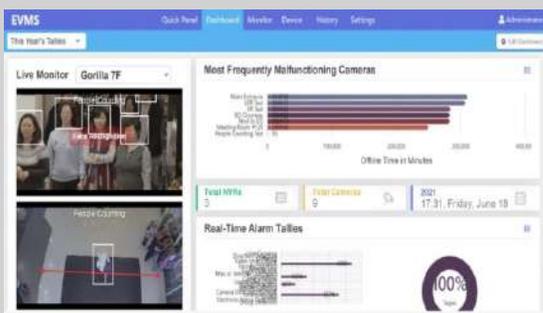- Integrate with Floorplans
- View in Real-Time

## Logical & Real-time IVA Management



Intelligently Monitor & Manage Real-time Events.

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

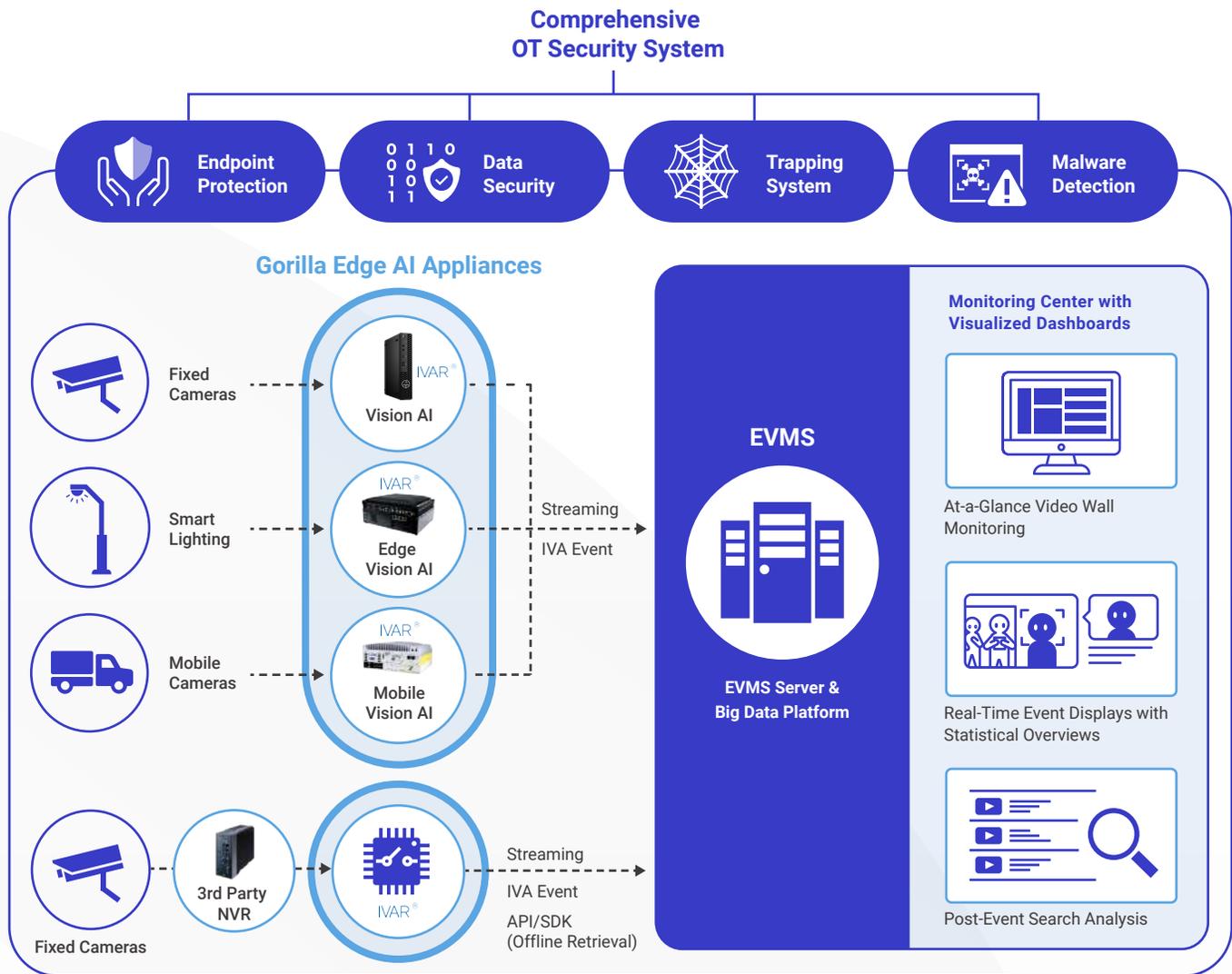## Multiple Data Source Statistical Dashboard



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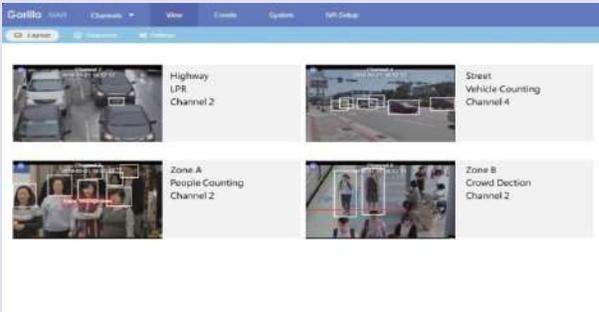
# Scalable Management

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.

- Manage devices & monitor health status
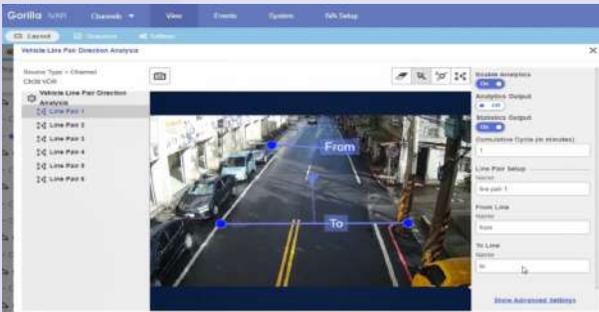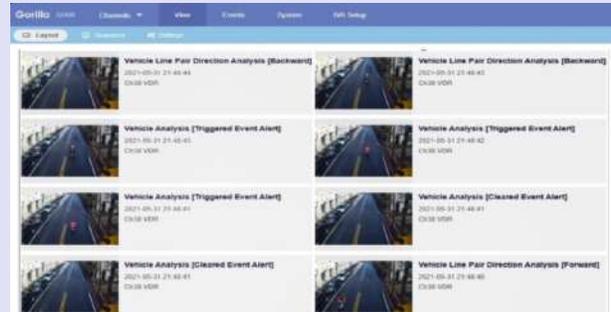- Control accounts with granular precision

**Comprehensive OT Security System**

| Endpoint Protection | Data Security | Trapping System | Malware Detection |

**Gorilla Edge AI Appliances**

Fixed Cameras → IVAR® Vision AI

Smart Lighting → IVAR® Edge Vision AI

Mobile Cameras → IVAR® Mobile Vision AI

Streaming
IVA Event

Fixed Cameras → 3rd Party NVR → IVAR®

Streaming
IVA Event
API/SDK
(Offline Retrieval)

**EVMS**

EVMS Server & Big Data Platform

**Monitoring Center with Visualized Dashboards**

At-a-Glance Video Wall Monitoring

Real-Time Event Displays with Statistical Overviews

Post-Event Search Analysis

# Seamless Integration with IVAR®



**Integrate Video Analytics with Cameras**



**Video Analytic Events**



**Set Analytic Parameters**



**Search for Events**

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

## Powered by Gorilla Technology