

VMS

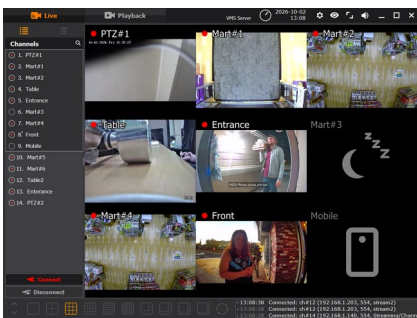
Empowering Your Surveillance

VMS is a powerful and intuitive Video Management Software designed to simplify and enhance video surveillance. With a streamlined interface, it delivers effortless multi-channel monitoring and intuitive Playback Timeline navigation. Built on a proven VMS platform, it seamlessly integrates with third-party AI analytics engines, enabling advanced computer vision and AI-powered insights. Experience VMS—powerful connectivity, flexible control, and intelligent video management.

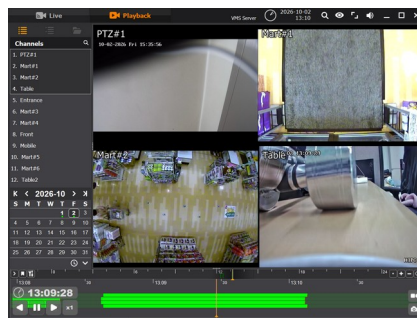
Seamless User Experience

VMS combines a clean, user-focused design with responsive performance. Its optimized interface makes surveillance operations faster, clearer, and more intuitive.

A Live Monitoring



B Playback



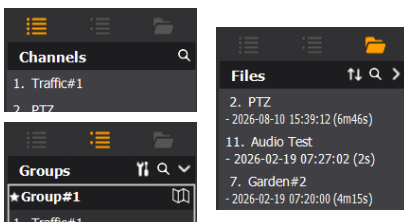
C Playback - Preview



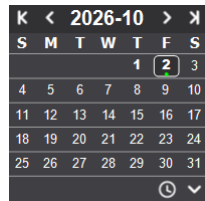
Effortless Video Navigation

Select channels, choose a date, and navigate the Playback Timeline with simple clicks, drags, and scrolls. Bookmark specific channels and playback times for quick access whenever you need them.

A Channel/File List



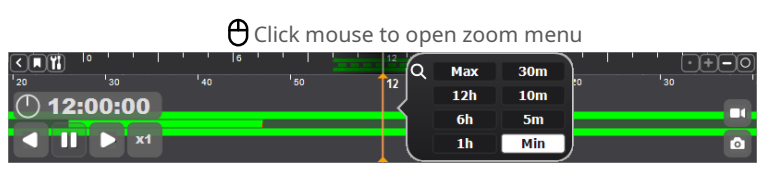
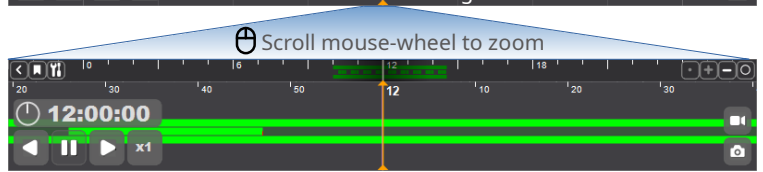
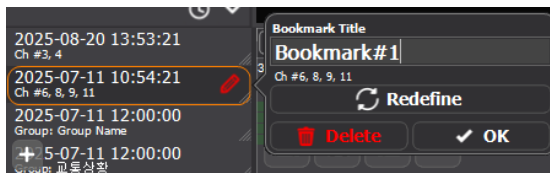
B Calendar



C Playback Timeline



D Bookmark



Turn Your Mobile Device into a Camera

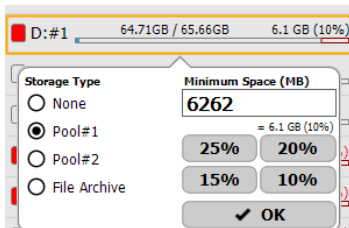
Turn a smartphone into a live surveillance camera with the VMS-Cam app for iOS and Android. Stream live video directly to the VMS server for real-time monitoring, centralized recording, and convenient playback from anywhere.



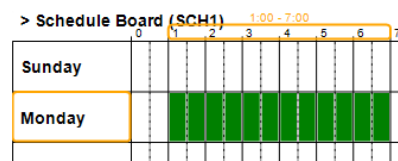
Convenient and Expressive Configuration

With intuitive controls and flexible configuration options, VMS makes system setup fast, simple, and hassle-free.

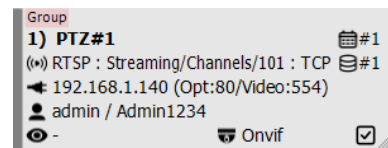
A Storage Drive



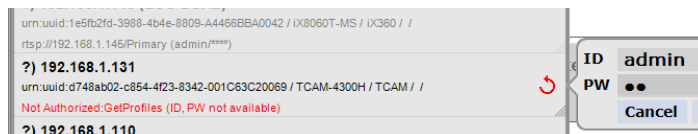
B Recording Schedule



C Device



D ONVIF Device Finding

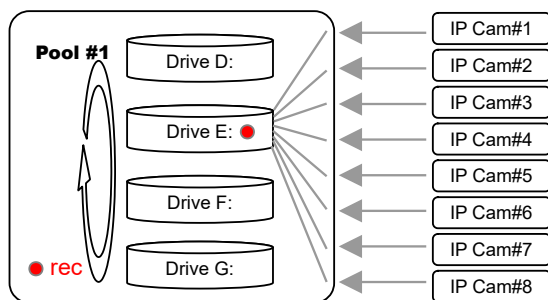


Flexible Storage Solutions

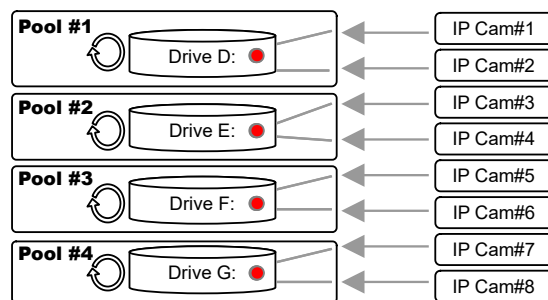
Storage Pools: Organize and manage storage drives efficiently. Create multiple storage pools to distribute data and reduce the load on individual physical storage devices.

Multi-Stream: Support up to nine streams per channel, including the primary stream. Monitor live video in high resolution while recording in a lower resolution to save storage space. Multi-streams are also ideal for RTSP streaming to external AI analysis systems or for extending recording capacity.

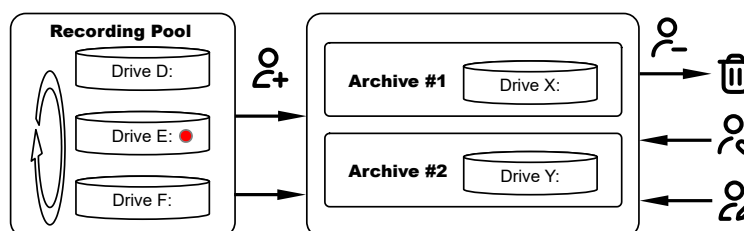
Case#1



Case#2



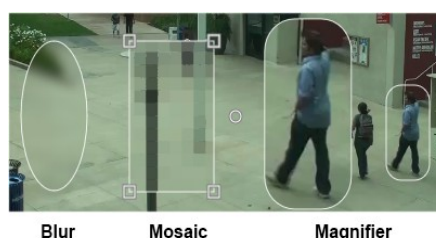
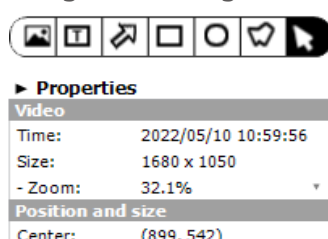
Archive File Storage: Unlike regular video recordings, Video File Archives are never deleted automatically. Archived files remain available until they are intentionally removed by the user.



Video Editing for Secure Exports

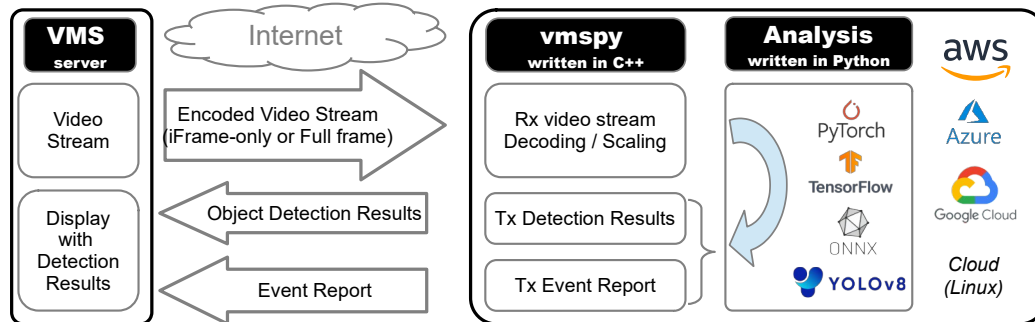
Comprehensive Media Editing: Enhance video and images before export with text overlays, custom shapes, and annotations.

Privacy & Focus Controls: Protect sensitive information or highlight important areas with blur, mosaic pixelation, and target-area magnification.



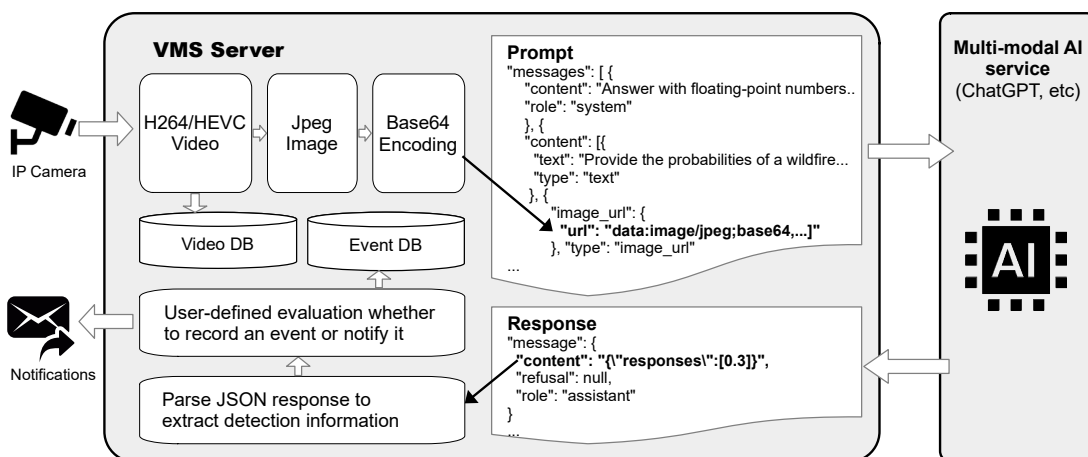
Python API for AI Video Analysis

VMS provides a Python API that enables users to retrieve live video for analysis with custom Python applications and scripts. Analyze video streams in real time and send detection results back to the VMS server. Build your own AI-powered solutions using the models and algorithms that best fit your needs.



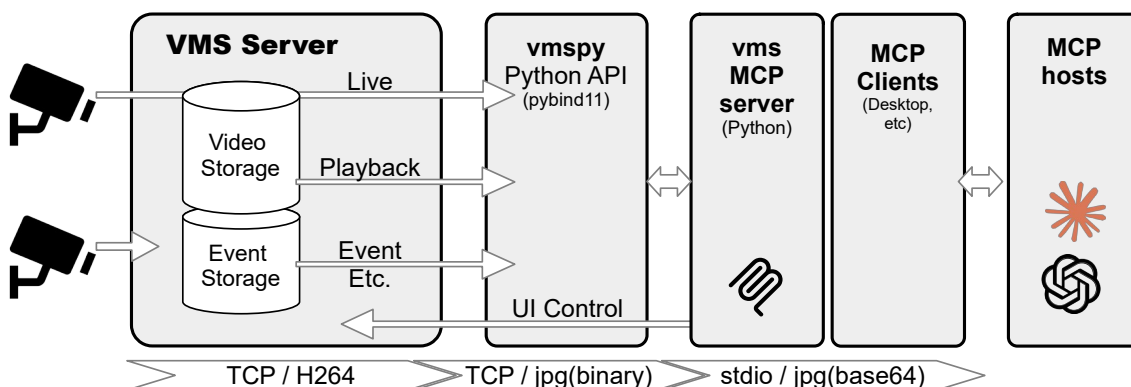
AI-Powered Event Detection with LLM APIs

Traditional CCTV systems often depend on human operators to review video footage, making it difficult to analyze large volumes of video efficiently. VMS can integrate with AI and LLM APIs to automatically analyze video and identify events such as vehicle accidents, fires, and security incidents.



MCP Server

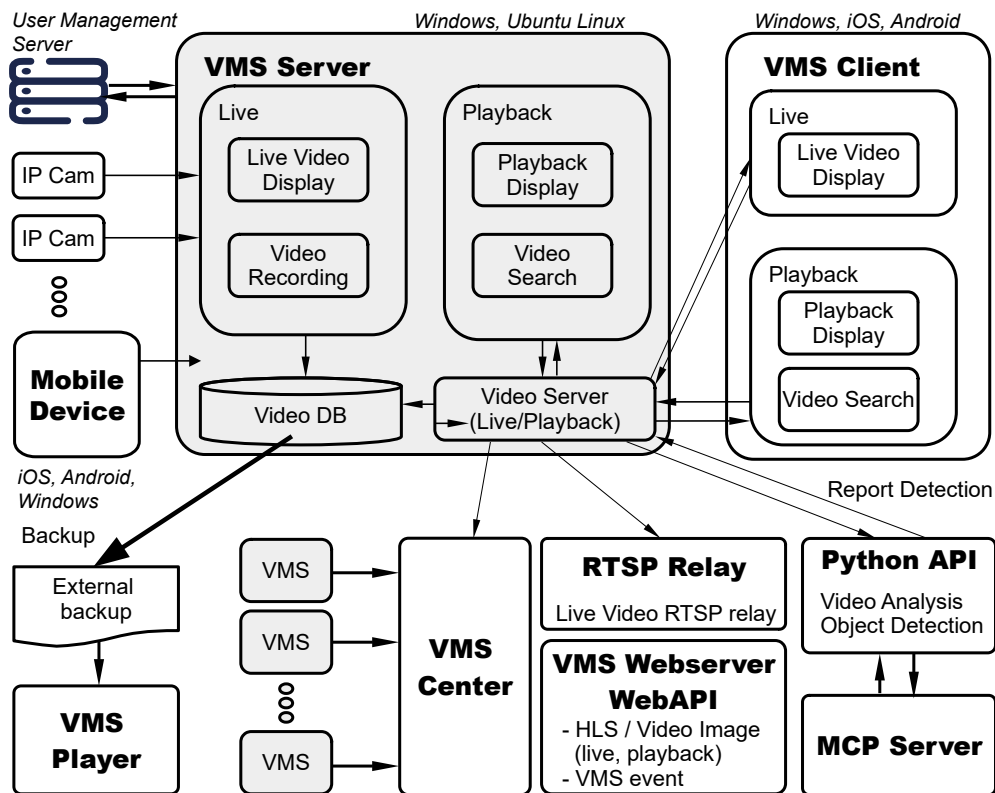
VMS-MCP Server is a lightweight Python-based server that connects directly to VMS and provides developers with API access to live video, recorded video, camera controls, and other VMS functions.



Central Server Integration

Seamless Connectivity: Connect multiple Windows- and Linux-based VMS servers to a central server to build a robust and scalable monitoring network.

External User Management Server: Use the provided REST API to develop and manage your own user management server. Connect it to the central server for centralized user account and permission management.



Access Videos Anytime, Anywhere

Multi-Platform Clients: Access VMS from Windows desktop clients and dedicated iOS/Android mobile apps with a consistent user experience across platforms.

Anywhere Streaming & Integration: Retrieve and stream live video to virtually any device using the open WebAPI and high-performance RTSP streaming capabilities.



Modern, Scalable UI with Multi-Language Support

Scalable Dark/Light Themes: Scale the UI from 100% to 200% for clear, comfortable viewing on high-resolution laptops and 4K UHD monitors.

User-Defined UI Translation: Customize interface text in your preferred language for a more comfortable user experience.