EVMP

ENTRYPASS
VIDEO MANAGEMENT
PLATFORM

Video Management
AI Technology

EVMP is a lightning fast, easy to use, cross-platform IP video management system (VMS) / video surveillance solution designed to discover, view, record, and manage IP video cameras so you can monitor, analyze and react to critical events in real time.

AI video analytics enables users to accelerate investigations, derive operational intelligence and attain situational awareness. Embedded directly in the EVMP client, it provides rapid video review and search, face recognition, real-time alerting and quantitative video insights.

Integration Feature Highlights

Work with 99% of IP camera out-of-the-box.

EVMP auto-discovers 99% of IP cameras out there and works with USB Webcams (v4.0), RTSP, HTTP, UDP streams, and even offline video and image files.

With support for in-camera video analytics, I/Os, audio, PTZ, and even AI-powered object detection.

Integrate 3rd party DVRs, NVRs, or other streams to create dual-streaming IP cameras using RTSP, HTTP, or UDP.

EVMP natively supports I/O devices from Advantech and Axis, as well as 2 way audio.

Rapid fast on standard hardware.

EVMP is fast, with advanced technologies like adaptive scaling and a Desktop client that can run on even low-power CPUs like the Intel Compute Stick.

Stream, capture, and manage up to 128 dual-streaming HD IP cameras on a single core of a Core i3.

EVMP Desktop runs on any device with OpenGL2.1 and Intel HD graphics with no need for expensive graphics cards.

Built for the users.

EVMP was designed to be instantly usable so new users can install, configure, and begin administrating Systems with little to no training!

With installation wizards and auto discovery of devices you can get an EVMP system up and running in minutes.

Users can customize their own experience by dragging and dropping resources to create unique layouts.

Flexible & Customizable.

EVMP allows users to customize their system to match their own needs – with a customizable Desktop background, infinitely customizable Layouts, and more.

Use the EVMP Rules engine to create custom automations – including operator alerts, integration triggers, and more. Built situational awareness with custom layouts combining cameras, web pages, I/O devices, and more.

Integrate anything with the EVMP Developer tools and create a system that expands your situational awareness.

Stable & Reliable.

EVMP's Server Hive Architecture brings with it Automatic Camera Failover so you can design your system for maximum redundancy with no single point of failure.

View your Systems's health with built-in health monitoring for all Systems connected to the EVMP Cloud service.

EVMP automatically optimizes camera settings for optimum frame rate and resolution with the lowest possible network usage.

Numerous Integration & Compatibility.

EVMP VMS comes with a suite of free developer tools that allow you to integrate anything – 3rd party video analytics, access control, fire & alarm systems and more!

A full featured REST API that allows 3rd party systems and devices to be integrated using HTTP API calls.

Lightweight & support Cross Platform.

EVMP has applications for every major OS – including Windows, Mac, Unbuntu Linux, ARM Developer boards, iOS and Android devices, and all major Browsers.

Reduce operating expenses.

EVMP saves users money by reducing costs across the board. It's easy to design, runs on low-cost hardware, and requires little-to-no maintenance during use.

Upgrade at zero cost*

EVMP has FREE software upgrades and no annual support fees. In some cases it's more cost effective to buy a new EVMP system than to upgrade a legacy VMS.

No annual service contracts, no extra hidden fees and free updates forever.

Smart AI Detection

AI object detection & classification (human, car, bike and other objects).

With AI algorithms, we can filter out irrelevant movements caused by environmental changes such as waving trees, shadows, or animals. While conventional video analytics only detect motion based on its pixels and caused a lot of false alarm. With AI Object Detection & Classification, it only will generate useful event alarm to the operator to achieve more efficient operation.
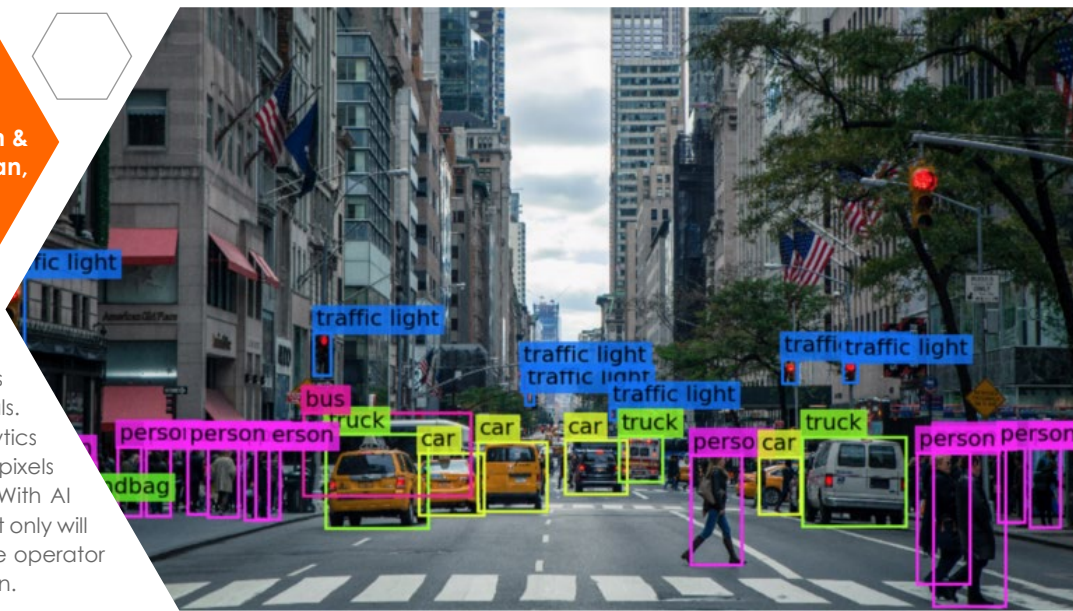
AI intrusion, presence, loitering, enter/exit, line crossing, stopping, direction, tailgating.

This allows you to configure the Perimeter control alert according the objects that you need such as detect a human loitering in a restricted area.

PPE Detection

PPE is equipment that will protect the user against health or safety risks at work. It can include items such as safety helmets, safety vest and mask detection.

Smart AI Detection

AI based object/people counting.

With real-time AI video analytics, you can be notified automatically as soon as a set limit of people is reached. It also allows you to identify trends such as peak hours and down time, enabling you to optimally adjust staffing or safety measures to match the volume of people.

⚠ Fall Detected

📍 Downtown Location

◈ Warehouse Floor East

Fallen Detection

A slip and fall injury is a premises liability claim. Therefore it is important to have this detection at any public and hazardous areas such as malls, commercial offices, chemical labs, hospitals, etc.

Fall detection also can save seniors lives especially in old folks home.

Facial Recognition

Facial recognition can be used to support investigators searching for video evidence in the aftermath of an incident. Example we can add a reference photo provided by the missing child's parents and match it with past appearances of that face captured on video.
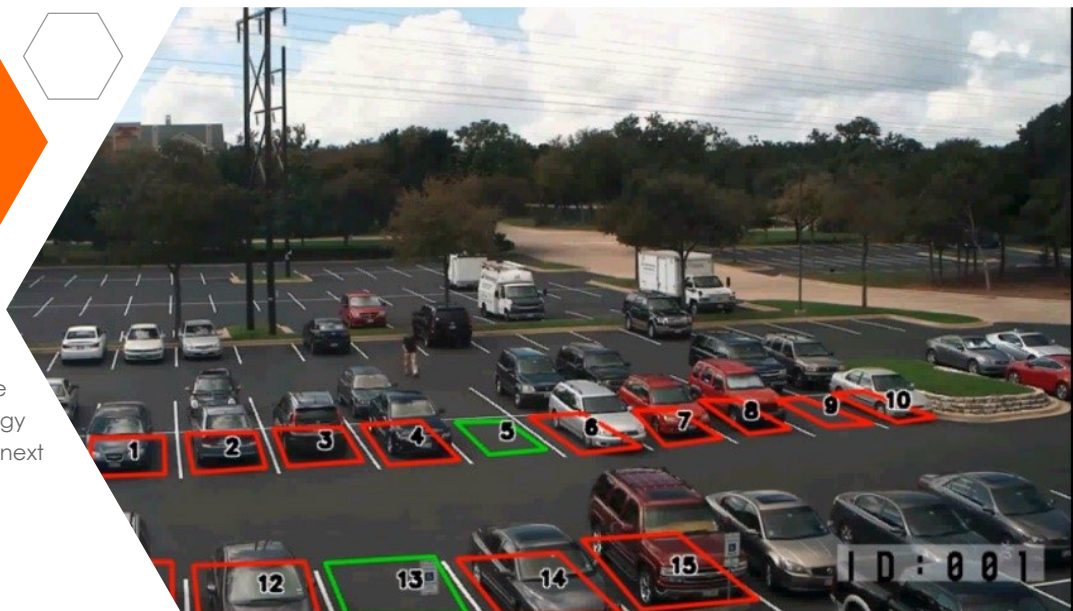
Smart AI Detection

Parking Lots Management

The smart infrastructure can also provide support in the search for a parking spot. Free parking spaces are identified using AI sensor technology and the vehicles are directed to the next available slot accordingly.

Upcoming feature.

Pedestrian Safety

AI sensors can also be used in a variety of Intelligent Transportation Systems to measure and monitor conditions in areas such as pedestrian safety, vehicle traffic and parking space management, and more. They can collect reliable, detailed traffic data about road users, including vehicles, pedestrians and bicyclists, while preserving anonymity. For instance, the AI sensors in its Intelligent Mobility initiative to collect data aimed at making transportation more efficient, sustainable and safe. AI sensors have been placed at crossing signs and intersections to detect, count and track pedestrians, cyclists and traffic.

Upcoming feature.

AI Attribute detection such as age, gender, mask, sunglasses, top wear, bottom wear, colour.

Used to extract information on specific situations, significantly reducing the time to search the entire video.

Smart AI Detection

Traffic Management

The world has a problem with traffic growth with over 1 billion vehicles on the road. As countries and cities struggle to control the daily congestion caused by this traffic and all that it brings with it, ALPR has become a vital tool in monitoring and controlling traffic flow.

Utilising a single CCTV camera, AI software is able to recognise license plates, identify the class of vehicle (truck, bus, saloon car etc.), determine the Make, Model and Color or identify trucks carrying hazardous materials by their orange ADR plates.

The instantaneous speed of a vehicle can also be measured from a single camera thereby decreasing hardware and infrastructure investments whilst simultaneously reporting to multiple VMS back offices, JTMS (Journey Time Monitoring Systems) and Traffic/Tolling payment systems.

The collated AI data alongside overview camera images, pollution and other sensors can be visualised and presented into dashboards giving operators, managers and emergency services greater control and understanding of traffic patterns and their impact on a city.

Upcoming feature.

Social Distancing Management

AI sensors with perception software, enables the development of social distancing solutions to anonymously and accurately track and analyse the flow of people in real time within retail locations, airports, public venues, commercial and government buildings, and industrial warehouses.

Use AI data to identify and track individuals throughout an environment without storing any personal privacy information, unlike camera-based systems. It also does not require user opt-in or the sharing of personal data, which provides a more effective social distancing solution than alternatives.

In response to the Covid-19 pandemic and social distancing directives, AI sensors which accurately measures the number, location of – and distance between – people to prevent overcrowding.
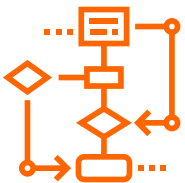
Access Control Integration

Overview

EVMP provides interactive monitoring of Entrypass access control equipment with Entrypass video plugin. The intuitive user interface of the EVMP client allows for easy management of control panel features.

Purpose

The Entrypass video plugin is plugin module that integrates EVMP with Entrypass access control systems. Using the Entrypass video plugin you can monitor access control devices, alarms, and events from your EVMP system directly in EVMP Surveillance Client.

The Entrypass video plugin is activated via licensing in Entrypass P1 Server. The Entrypass video plugin allows you to do the following:
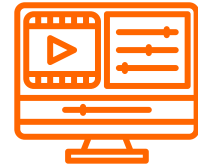
Connect to Entrypass integrated access control systems.

Display live access control events from Entrypass integrated access control systems in EVMP Surveillance Client with detailed cardholder information.
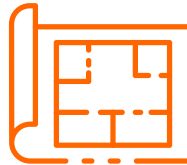
Map the Entrypass integrated access control systems entities to EVMP cameras in Admin Client.

Monitor live and playback video related to access control events received from Entrypass integrated access control systems in EVMP Surveillance Client.

Monitor and acknowledge Entrypass alarms using the Alarm screen in EVMP Surveillance Client.

Lock and unlock Entrypass doors from EVMP Surveillance Client.

Configure event to actions in Admin Client using Entrypass events and alarms.

Generate EVMP reports to search for past events and alarms.

Technology Partner

ENTRYPASS™

Hanwha Techwin

VAXTOR SYSTEMS

QUANERGY

sequrinet

EVMP
Entrypass Video Management Platform

ENTRYPASS™
TOTAL CONTROL IN YOUR HAND

www.entrypass.net