

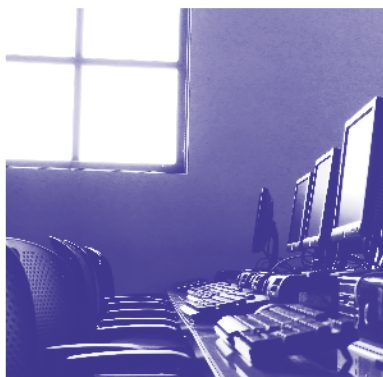


# Aimetis Symphony™ Video Analytics Applications



**Intelligent Video**  
*Solving Real Business Issues*

# aimetis



**Aimetis Symphony™** is a combined video management and video analytics software platform for security surveillance and business intelligence applications. Aimetis Symphony's™ three license options - Standard, Professional, Enterprise - make it easy for organizations to migrate from analog video to intelligent IP video solutions.

The Aimetis Symphony™ Enterprise license can be deployed on one or several cameras as required. It incorporates analytic algorithms that automatically track and classify objects under surveillance, providing real-time video information through its alarming function. Aimetis Symphony™ Enterprise license also features other intelligent features such as automatic control of PTZ cameras, 'Smart Search' and on-demand business intelligence reports that are critical for more sophisticated implementations.

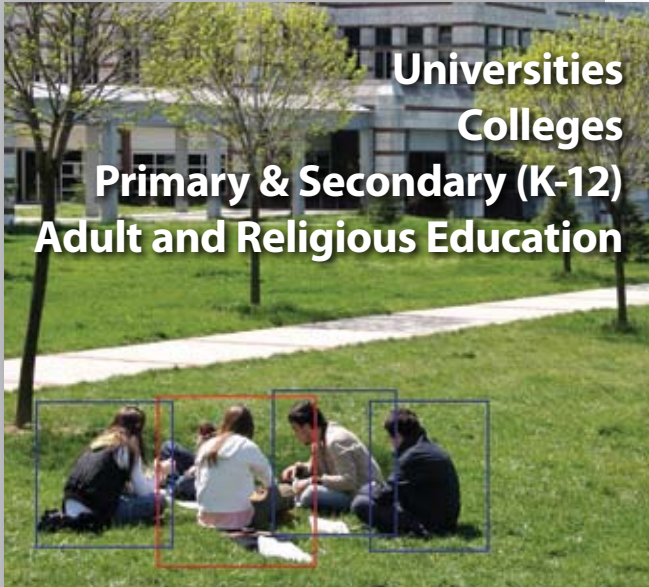
Video analytics are being used for a range of applications, such as, increasing security, improving public safety, reducing shrinkage and providing operational intelligence, across several vertical markets. By enhancing traditional video management solutions, video analytics decrease the time and risk associated with human review by providing timely alerts and reports of relevant activities and making review of recorded video fast and accurate.

Key video analytics applications include:

- People Counting
- Motion Tracking
- Left Item Detection
- Object Classification
- Removed Item Detection
- Virtual Fence/Perimeter Breach
- Vehicle Counting
- Wrong Direction
- Loitering

# AIMETIS VIDEO ANALYTICS ENGINES

## Education



### Business Challenges

- Increase School Security
- Coordinate Emergency Response
- Reduce Property Damage
- Reduce Spending

### Analytics Applications

- Be alerted to loitering in specific areas around campus and dormitories
- Identify activities like spray painting and window breaking
- Trigger automatic actions such as lock down doors or turn on lights to initiate response
- Send automatic email notification and snapshots of alarms to staff and students
- Identify suspicious bags or objects left behind
- Be alerted to objects blocking emergency exits

## Government



### Business Challenges

- Increase public safety
- Accelerate emergency response
- Reduce Crime
- Improve quality of life

### Analytics Applications

- Understand traffic flow and density through city streets and highways
- Identify heavy pedestrian areas
- Identify loitering or vandalism in parks, streets and buildings
- Monitor and manage queues at government service desks
- Identify suspicious objects or stationary vehicles
- Send automatic email notification and snapshots of alarms to first responders
- Filter through days of video in seconds with intelligent search

## Healthcare & Life Sciences



Hospitals  
Medical Centers  
Government Healthcare  
Pharmaceutical  
Research & Development

### Business Challenges

- Decrease threats to security
- Ensure procedural compliance
- Reduce spending

### Analytics Applications

- Receive notification of unattended objects
- Be alerted to unauthorized removal of equipment
- Identify objects blocking emergency exits
- Enforce appropriate patient care activities
- Be alerted to people entering restricted zones
- Trigger automatic actions (e.g. lock down doors, turn on lights, etc.)

## Industrial



Construction  
Automotive  
Engineering  
Utilities  
Electronics

### Business Challenges

- Improve quality control
- Reduce theft
- Ensure process compliance

### Analytics Applications

- Identify irregular activities on the production line
- Be alerted to construction site break-in during off hours
- Be alerted to loitering in specific areas
- Receive alerts if equipment is removed during off hours
- Identify suspicious vehicles or parcels

## Retail



### Business Challenges

- Improve Customer Service
- Reduce Shrinkage
- Increase Public Safety
- Ensure Procedure Compliance
- Measure Performance

### Analytics Applications

- Count people entering the store
- Measure traffic flow patterns by aisle, display, or other areas
- Generate on-demand reports to measure dwell time, occupancy, density, etc.
- Be alerted to customers at the register
- Identify after hours activity
- Identify suspicious shopping behaviour
- Be alerted to loitering in high-risk theft areas
- Enforce Electronic Article Surveillance alarm procedures
- Detect removal of high-priced items

## Transportation & Travel



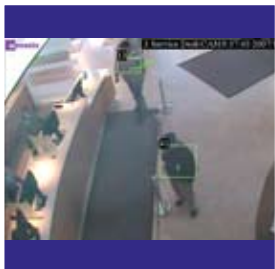
### Business Challenges

- Improve Public Safety
- Increase Travel Frequency
- Enhance the Customer Experience

### Analytics Applications

- Identify suspicious objects left behind on road, rail, transit platforms or other high-risk areas.
- Recieve notification of objects blocking emergency lanes or doors
- Identify peak travel times and locations
- Understand passenger flow and dwell patterns
- Measure passenger occupancy
- Be alerted to people on train tracks or in restricted areas
- Identify people or cars moving the wrong direction in a crowd or on a road

“ In five years, every video feed will utilize video analytics and be part of an integrated, intelligent system.”



## ABOUT AIMETIS

Aimetis Corp. is a software company offering integrated intelligent video management solutions for security surveillance and business intelligence applications. The company is a global leader in intelligent video technology and is propelling the adoption of video analytics as an integral component of video management solutions. Aimetis products are based on innovative, open technologies that provide customers with a single platform for migrating from analog video to intelligent IP video solutions.

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