

# Aimedis Symphony™ 7

## Most Scalable Video Management Software with Native Video Analytics

**Aimedis Symphony 7** is the new benchmark for intelligent video management software (VMS). Highly scalable, easy to set up and use, Symphony is the perfect solution for both single server installations and mission critical multi-server deployments.

Symphony can be centrally managed over an easy-to-use and secure administrator client in the cloud. Coupled with industry-leading native analytics, Symphony is in a class of its own.

- **Most Scalable VMS on the Market**
- **Native Analytics**
- **High Security**
- **Centralized Cloud Management**
- **Lowest Total Cost of Ownership**

## Symphony Delivering Results for Customers

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**Aimedis Symphony** is exactly the type of intelligent video surveillance solution we were looking for. It fulfills our analytic requirements for reliability and accuracy, even in rain, wind and snow. It has become the back-bone of the surveillance solution.

- *IT Security & Co-Project Manager*  
*Volkswagen Sachsen GmbH, Zwickau*

**Aimedis Symphony** is a critical component of airport security and operations. It assures the smooth flow of operations, helps to prevent and solve crimes and provides emergency crews with the information they need in special situations.

- *Michael Zaddach, CIO*  
*Munich Airport*

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# Key Benefits

## Open Ecosystem

Aimetis Symphony installs on commercial off-the-shelf hardware. It supports thousands of network cameras and encoders as well as industry standards, such as Onvif Profile S and Profile G. Numerous out-of-box integrations with PSIM, Intrusion, and Access Control products improve operator efficiency by delivering a seamless view of events. The REST API ensures that you are not locked into a proprietary solution.

## Lowest Total Cost of Ownership

Symphony delivers the lowest total cost of ownership by consolidating servers, reducing Microsoft Licensing, and improving user efficiency.

Symphony's unique multi-server architecture eliminates the need for management servers because recording servers assume responsibility. Server failover capability is embedded into the software without the need for Windows Clustering, which substantially reduces Microsoft Licensing and configuration complexity. Native video analytics further reduce server footprint by eliminating dedicated analytics servers and improving operator efficiency.

## Easy to Use

A streamlined, HTML5-based web client is dedicated for administration. This allows the administrator to configure the entire system through the convenience of a web browser instead of installing and maintaining a Windows client.

The Windows-based operator client is dedicated for video and alarm monitoring. A decluttered, video-centric design allows the operator to focus on video monitoring.

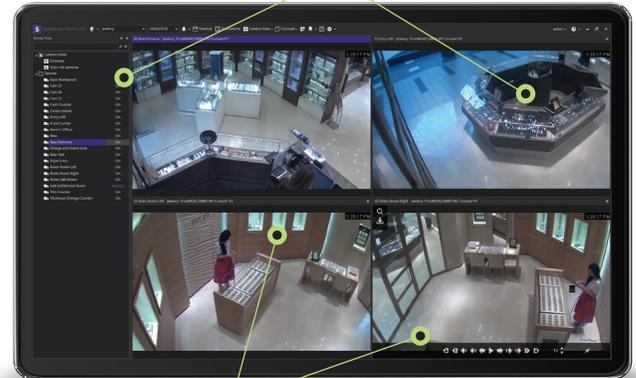
## Operator Client

### Camera Navigation

The camera list provides users with camera navigation as well as camera status including recording status and motion and alarm events.

### Video Panels

Each panel can be used for live video or video playback without the need to open a separate playback tab.



### Metadata

Analytics decorations are overlaid on the video providing the user with visual feedback on areas of interest.

### Context Sensitive Toolbars

Toolbars are overlaid on video, which reduces clutter by providing the operator with buttons that are relevant to the current task.

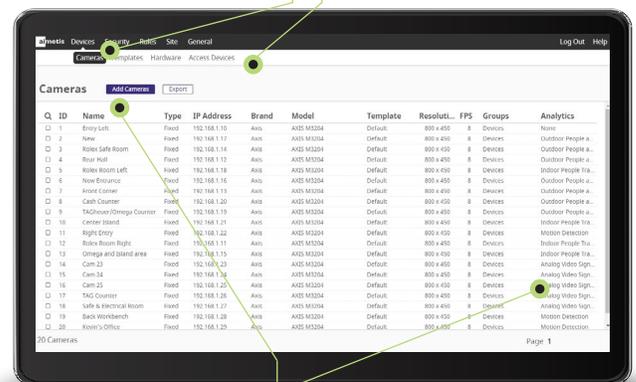
## Web-Based Administrator Client

### Camera Templates

Camera configuration can be defined and managed centrally by creating and applying templates to camera(s).

### Access Devices

Symphony offers numerous electronic access control integrations out-of-the-box.



### Camera Wizard

Adding cameras is streamlined through the auto-discovery wizard, which allows users to add, name, and configure cameras in three easy steps.

### Add-Ons

Video analytics can be added on a per camera basis.

# Key Features

## ✓ High Scalability

Aimetis Symphony is highly optimized at both recording and streaming video, which reduces onsite hardware.

## ✓ Web-Based Administrator Client

Administrators now have a dedicated HTML5-based web client, eliminating the need to install and maintain a Windows-based management client. The web client can be accessed anywhere in the world over high security SSL encryption using all major browsers.

## ✓ Centralized Cloud Management

Through the use of Aimetis Enterprise Manager™, Symphony can be managed centrally, which dramatically reduces the administrative burden typical in multi-site deployments. Software updates, configuration, and health monitoring can all be centralized ensuring a strong and up-to-date video deployment, while limiting downtime and operation costs.

## ✓ Native Analytics

Symphony has been developed from the ground up to support video analytics. Aimetis server-based or embedded analytics are seamlessly supported, as well as 3rd party applications through the metadata engine. Analytic applications include motion tracking, auto-PTZ tracking, people counting, and many more applications that optimize the recording and usage of surveillance video.

## ✓ High Security

Symphony employs SSL encryption on all communications to ensure a secure deployment. Regular penetration testing is proactively performed to identify and resolve potential security holes in Symphony.

## ✓ Server and Storage Failover

Aimetis Symphony efficiently delivers built-in failover functionality without the need for expensive Microsoft Clustering and extra servers. Highly available VMS has never been more affordable or easier to set up.

## Aimetis Symphony Mobile™

Stay connected and never miss an important moment when it matters most with Aimetis Symphony Mobile.

Seamlessly connect to Aimetis Symphony and Aimetis Physical Security Appliances from anywhere in the world on your smartphone or tablet. View and playback video, control pan-tilt-zoom (PTZ) cameras, manage I/O devices, receive alarm push notifications, and much more.

- ✓ Support for Android and iOS devices
- ✓ Live and playback viewing in h.264 video without transcoding
- ✓ Video analytics support
- ✓ PTZ Control
- ✓ Alarm management
- ✓ Connect to multiple servers



# The Industry's Simplest Licensing Model

## One Camera. One License. No Hidden Costs. Period.

### Standard

- Unlimited Cameras Per Server
- Edge Storage Support
- Automated Response to Alarms
- Multi-Stream Camera Support
- Continuous Recording on Motion or Alarm
- Integrated Site Map
- Mobile Device Support (iOS/Android)
- Video Analytics Support

\* Camera limits are hardware dependant

### Professional

#### Standard Features Plus:

- Multi-Server Support
- Microsoft Active Directory Integration
- Integrations to 3rd Party Systems (e.g. Electronic Access Control Integration)

### Enterprise

#### Professional Features Plus:

- Server Failover
- Storage Failover
- Video Wall
- GIS Mapping
- Load Balancing

### Complimentary Analytics with Any License

Three intelligent video analytic engines are included with any purchase of Aimetis Symphony 7, regardless of the license level.



Motion Detection



Signal Loss



Camera Tampering

### Aimetis Native Analytics

Transform IP video into more than a passive monitoring tool with the implementation of video analytics that seamlessly incorporate into Aimetis Symphony 7. Each analytic is specially designed for physical security and business intelligence applications, providing value across many vertical markets.

With real time alerting, smart video search, and reporting, Aimetis native video analytics provide the tools to change the way organizations capture and use network video.

- ✓ Automatic License Plate Recognition
- ✓ Crowd Detection
- ✓ Face Recognition
- ✓ Indoor People Tracking
- ✓ Left and Removed Item Detection
- ✓ Outdoor People and Vehicle Tracking
- ✓ PTZ Auto-Tracking



E-Series



R-Series

### Aimetis Network Video Recorders

Deploy a video surveillance system without all the complexity. The Aimetis E-Series and R-Series network video recorders (NVR) combine the power of Aimetis Symphony video management software (VMS) and Dell enterprise-level hardware. Each NVR is bundled with three years of Aimetis Maintenance & Support. Select models are pre-loaded with Aimetis Core Analytics, ideal for multiple vertical markets.

Each device can operate as a standalone solution or as part of the complete Aimetis security ecosystem: Aimetis Thin Client™, Aimetis Enterprise Manager™, and specialized Aimetis Analytics, such as Aimetis Face Recognition, Aimetis Automatic License Plate Recognition, and more.



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