



SAGITECH ▶

Advantages of Sagitech VMS

Intelligent Video Surveillance for the Hospitality Industry (HoReCa)

Sagitech VMS in numbers

Sagitech VMS combines proven development experience, customer trust, and real-world deployment across a wide range of projects.

A light gray world map is centered in the background of the infographic, showing the continents of North America, South America, Europe, Africa, Asia, and Australia.

14

Years of experience in video surveillance

700 000+

Connected video cameras

3 500+

Completed projects

1 000+

Regular trusted clients worldwide

18

Countries with Sagitech VMS Integration

About Sagitech Lab

We focus on high-performance and user-friendly software for IP surveillance systems. Our solution enables building scalable systems with any number of servers, IP cameras and workstations. We ensure high-quality fulfillment of all the processes necessary for successful design, development and implementation of the software product.

We provide:

- Reliable universal software created and tested for mass sales.
- More than 20 video analysis modules.
- An open platform with extensive integration capabilities via SDK and HTTP API.
- Support, regular updates and development of the software without additional costs and annual payments.
- Creation of custom functionality for customer needs.

Sagitech VMS Capabilities



Technology Highlights

- Supports 5,000+ camera models from 300 manufacturers.
- Integrates with fire/security systems, access control, cash counters, external mics, and more.
- SDK for third-party system integration.

User-Friendly

- Intuitive interface.
- Setup in just 7 minutes.
- Technical support, software updates and continuous development.

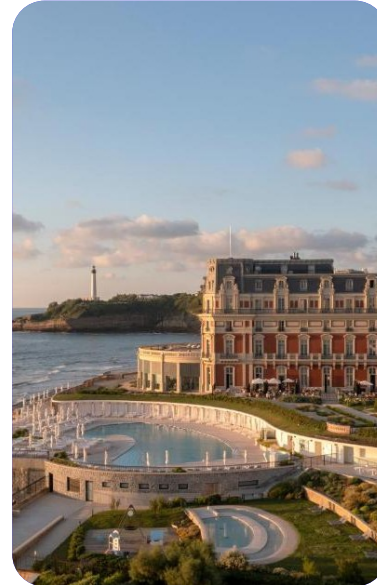
Cross-Platform Access

- Server and client applications for Windows and Linux.
- Mobile apps for iOS and Android.
- Web client compatible with all browsers.

Intellectual

- Neural network detectors.
- Intelligent video analytics.
- Open API.

Intelligent Video Surveillance for the Hospitality Industry (HoReCa)



Restaurants and cafes

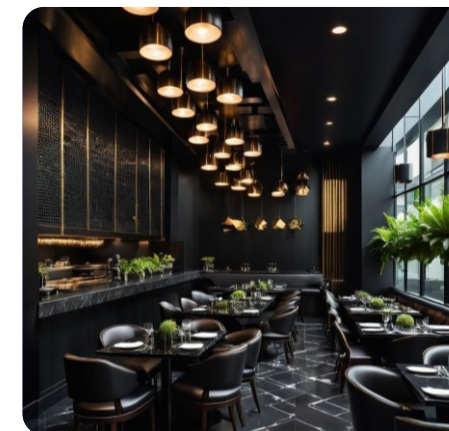
Hotels

Resorts and recreation centers

Food service chains

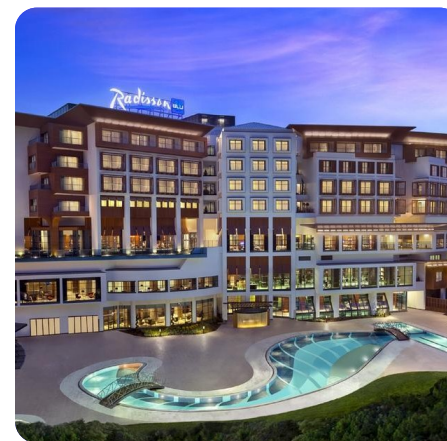
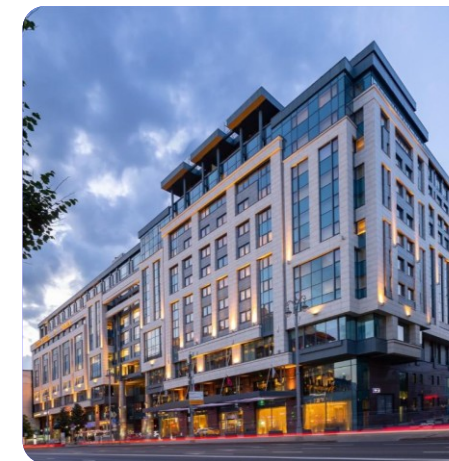
Sagitech VMS for the Restaurant Business

- Provides visitor statistics for venues and determines conversion rates.
- Counts unique and returning visitor groups.
- Queue management.
- Monitors staff performance quality, compliance with sanitary standards, prevents theft and fraud, and restricts access to staff-only and back-office areas.
- Provides centralized and remote situation monitoring.



Sagitech VMS for the Hotel Business

- Ensures the safety of staff and guests/residents.
- Prevents theft and fraud.
- Tracks the appearance of unwanted persons and vehicles on the premises.
- Provides attendance statistics and determines conversion rates.
- Monitors staff activity and service quality.
- Notifications about VIP guests.
- Compliance with service standards.
- Review of disputed and conflict situations.



Sagitech VMS in the Restaurant and Hotel Business – Key Areas

Reception / Welcome area

- Queue management and improved service quality.
- Counting unique and returning visitor groups.
- Notifications about VIP guests or unwanted visitors.

Cash desk area

- Fraud prevention and cash discipline control.
- Monitoring financial transactions.
- Reduction of staff errors.
- Mitigation of reputational risks.
- Queue management and improved service quality.

Restaurant hall

- Compliance with service standards.
- Staff behavior monitoring and analysis.
- Theft prevention.
- Review of disputed and conflict situations.

Office

- Report generation.
- Identification of target audience and demographic analysis.
- Analysis of venue performance.
- Evaluation of marketing campaign effectiveness.
- Monitoring and centralized process management.

Sagitech VMS in the Restaurant and Hotel Business – Key Areas

Kitchen

- Prevention of theft and product damage.
- Monitoring compliance with sanitary standards and technological processes.
- Monitoring employee actions.
- Working time control.

Parking area

- Management and control of vehicle access.
- Compliance with safety rules.
- Counting parking spaces.

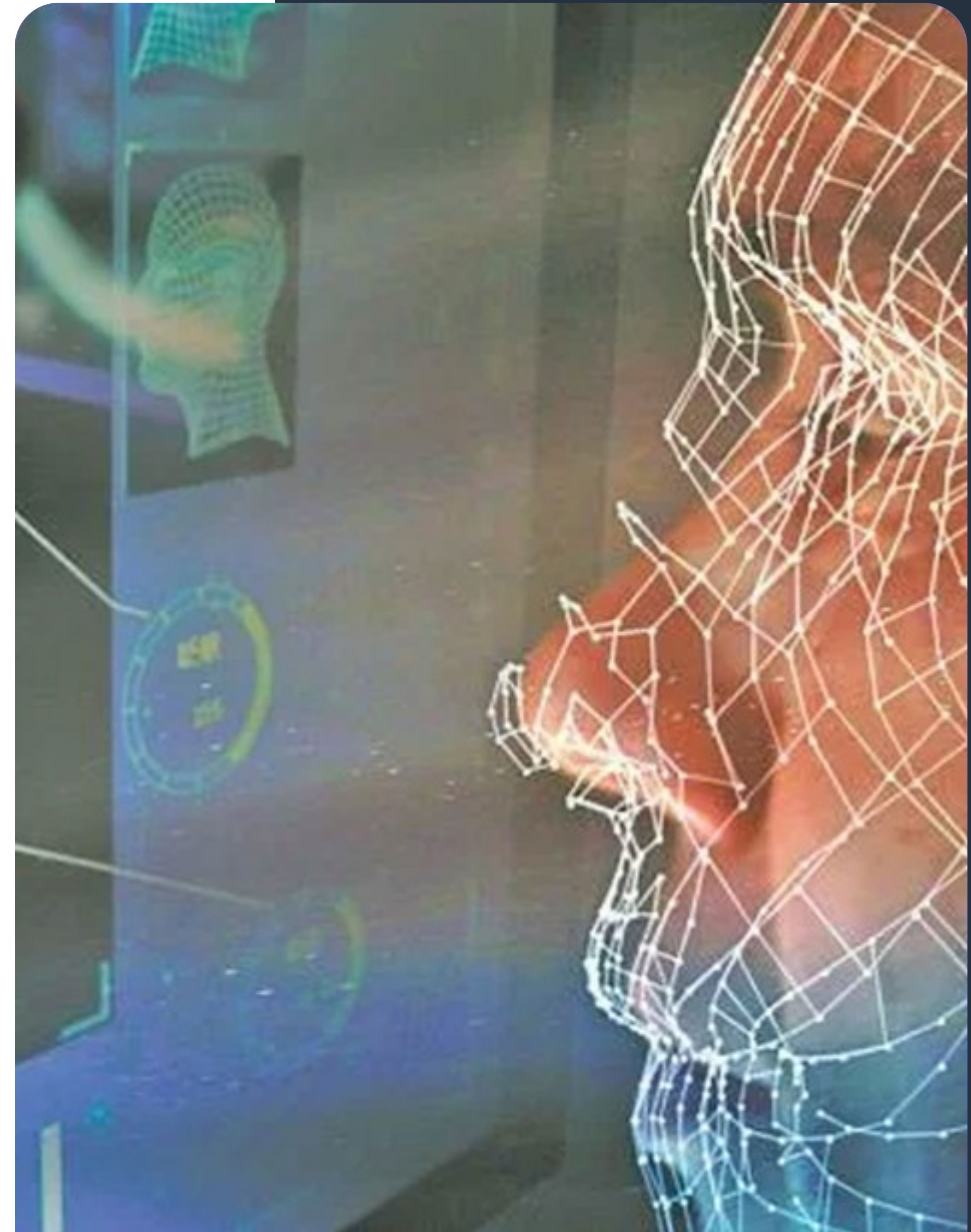
Face Recognition and Analytics

Capabilities

- Counting unique visitors.
- Excluding employees and partners of the restaurant/hotel from statistics.
- Demographic analysis to identify the target audience.
- Real-time display of statistics.

Benefits

- Improved service quality through prompt identification of VIP customers and offering personalized services.
- Attendance monitoring through analysis of venue popularity and sales efficiency.
- Evaluation of advertising and marketing campaign effectiveness.



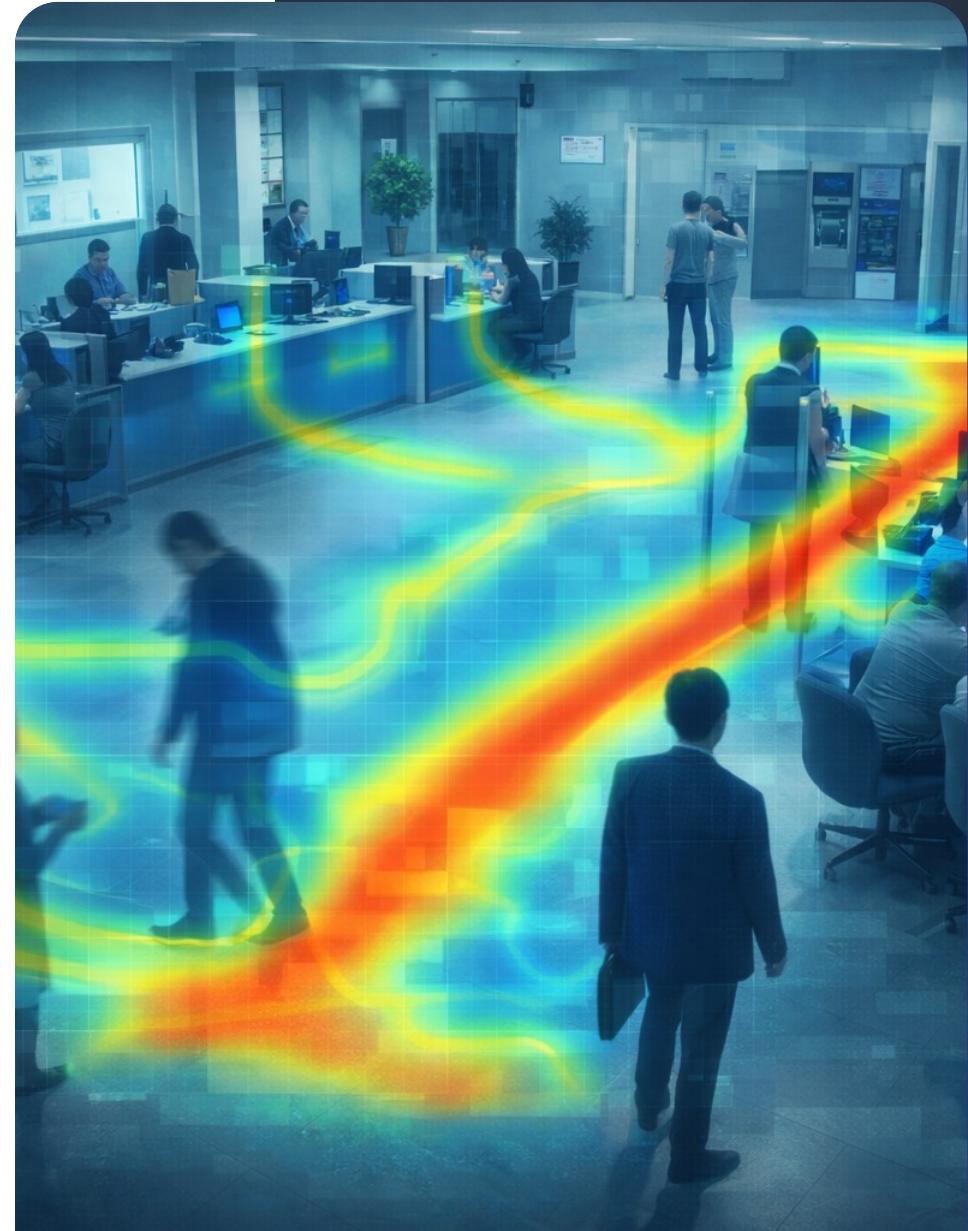
Queue Detector

Capabilities

- Counting people in queues.
- Tracking queue dynamics.

Benefits

- Reduced waiting time and improved service quality.
- Increased loyalty and repeat visits.
- Optimization of staff schedules.
- Improved operational efficiency.



Neural-Network Visitor Counting

Capabilities

- Counting visitors entering and leaving using neural networks.
- Movement direction analysis.
- Traffic assessment.

Benefits

- Attendance assessment, venue conversion rate calculation, and attendance forecasting.
- Evaluation of staff performance and compliance with service standards, with adjustment of staffing schedules.
- Analysis of promotional campaigns.



POS Transaction Monitoring

Capabilities

- Compatibility with most POS terminals.
- Monitoring cashier actions during transactions and settlements with guests.
- Prevention of financial loss.

Benefits

- Reduced losses caused by staff mistakes and improved discipline.
- Prevention of theft and fraud.
- Improved service quality.



Personal Protective Equipment Control

Capabilities

- Monitoring employees' use of personal protective equipment and uniforms.
- Checking the presence and completeness of PPE usage.

Benefits

- Monitoring compliance with sanitary standards and service requirements.
- Monitoring compliance with occupational safety requirements.
- Improving production discipline and reducing the number of violations.



License Plate Recognition Module (LPR)

Capabilities

- Tracking available spaces and parking management.
- Control of barriers and gates based on recognized plates.
- Detection of unauthorized vehicles.
- Checkpoint operation optimization.

Benefits

- Reduced time spent searching for a parking space.
- Reduced congestion at entrances.
- Automatic occupancy statistics.



Smoke and Fire Detection Module

Capabilities

- Early detection of fire and smoke.
- Alerts about fire and smoke.
- High detection accuracy.

Benefits

- Automatic fire and smoke detection helps prevent the spread of fire and supports timely emergency response.
- Prompt smoke alerts enable fast evacuation and protection of property.
- Identification of the source and causes of fire based on incident video recordings.



Abandoned Object Detector

Capabilities

- Detection of stationary objects.
- Identification of the object type: bag, package, or backpack.
- Analysis of the time an object remains unattended.
- Prevention of threats to property and human life.

Benefits

- Improved safety in guest areas, lobbies, restaurants, and service zones.
- Early detection of unattended items in public and high-traffic areas.
- Reduced risks for guests, staff, and hotel property.
- Faster security response and simpler incident investigation using the video archive.



Useful Enterprise Edition Functionality for the Hospitality Industry (HoReCa)

Centralized management of restaurants and cafés. Consolidation of all sites into a single video surveillance system. The Enterprise edition makes it possible to install a video server at each site and combine them into a single domain for centralized monitoring and management.

Centralized Control and Administration

- Management of an unlimited number of video servers within a single system;
- Flexible user role assignment for the entire domain;
- Access control policies, updates, proxying, and logging.

Automatic Equipment Addition

- Fast connection of new recorders to the system - manually or automatically.

Flexible Access Control

- Role-based access control for viewing, archiving, recording, configuration, and other operations;
- Tree-structured object permissions with inheritance: users only see authorized cameras;
- Centralized configuration of the entire domain;
- Brute-force password protection for stronger security.

Notifications and Integration

- Event notifications via Telegram and Email;
- Automatic alerts in case of failures or critical events.

Easy Setup & Updates

- Bulk software/configuration updates across servers;
- Configuration of servers and cameras from client software (no web UI needed).

Status Monitoring and Control

- Centralized monitoring of the network, disks, cameras, archives and databases;
- Flexible reporting on equipment status and user activity with filtration by time, objects and users.

Offline Operation

- Temporary disconnection from the central server does not affect critical operative functions of local servers.

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