



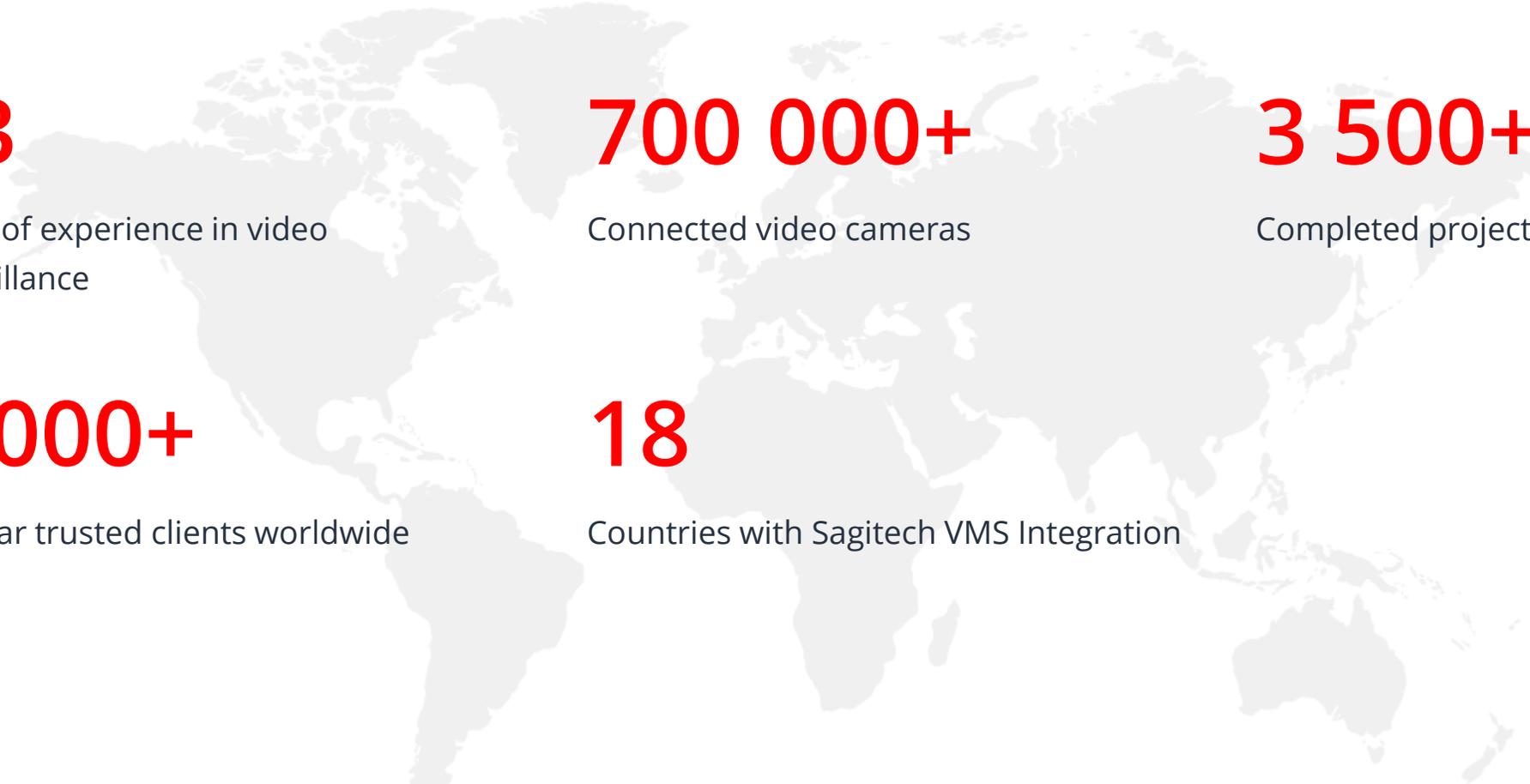
**SAGITECH** ▶

## **Advantages of Sagitech VMS**

**Intelligent video surveillance for  
banking and financial organizations**

# Sagitech VMS in numbers

Since 2012, Sagitech Lab has specialized in developing professional software for scalable video surveillance systems with built-in video analytics.

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.

**13**

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.

# Sagitech VMS in Banking and Financial Organizations



**Business analytics**



**ATM security**



**Two-factor verification**

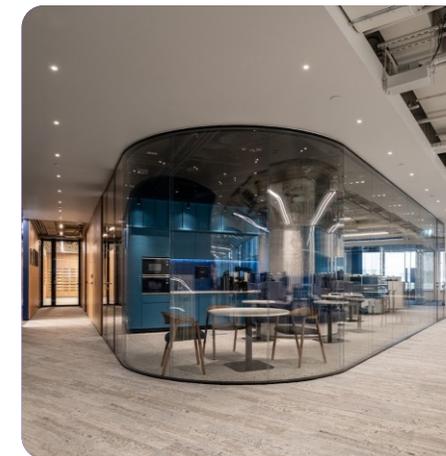


**Access control**

# Applications

## Business Analytics and Management

- Visitor traffic statistics.
- Queue management.
- Conversion rate assessment.
- Counting unique and repeat visitor groups.
- Customer behavior analysis and identification of the most visited areas.
- Monitoring staff activity and service quality.
- Notifications about VIP clients and violators.



# Applications

## Security and Monitoring

- Monitoring ATMs and bank branches to detect suspicious activity.
- Fraud prevention in cash-desk and depositary areas.
- Transaction process monitoring.
- Two-factor customer identification.
- Observation and analysis of staff behavior.
- Prevention of theft and fraud.



# Analytics and Specialized Modules

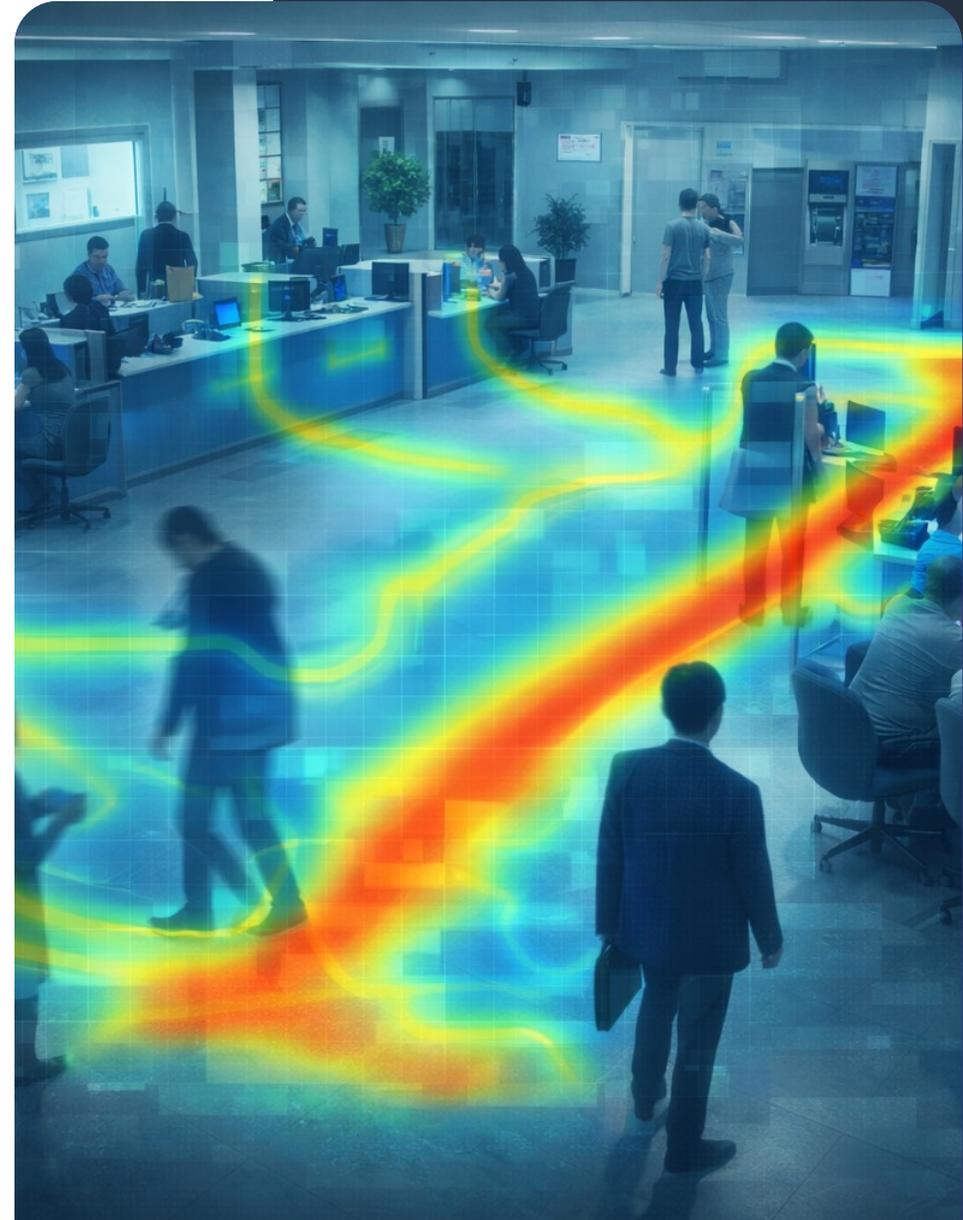
## Heat Map

### Capabilities

- Analysis of visitor behavior in a bank branch.
- Assessment of attendance intensity and popularity of different zones.

### Benefits

- Evaluation of service area efficiency and placement of information and advertising stands.
- Optimization of operational hall layouts.



# Analytics and Specialized Modules

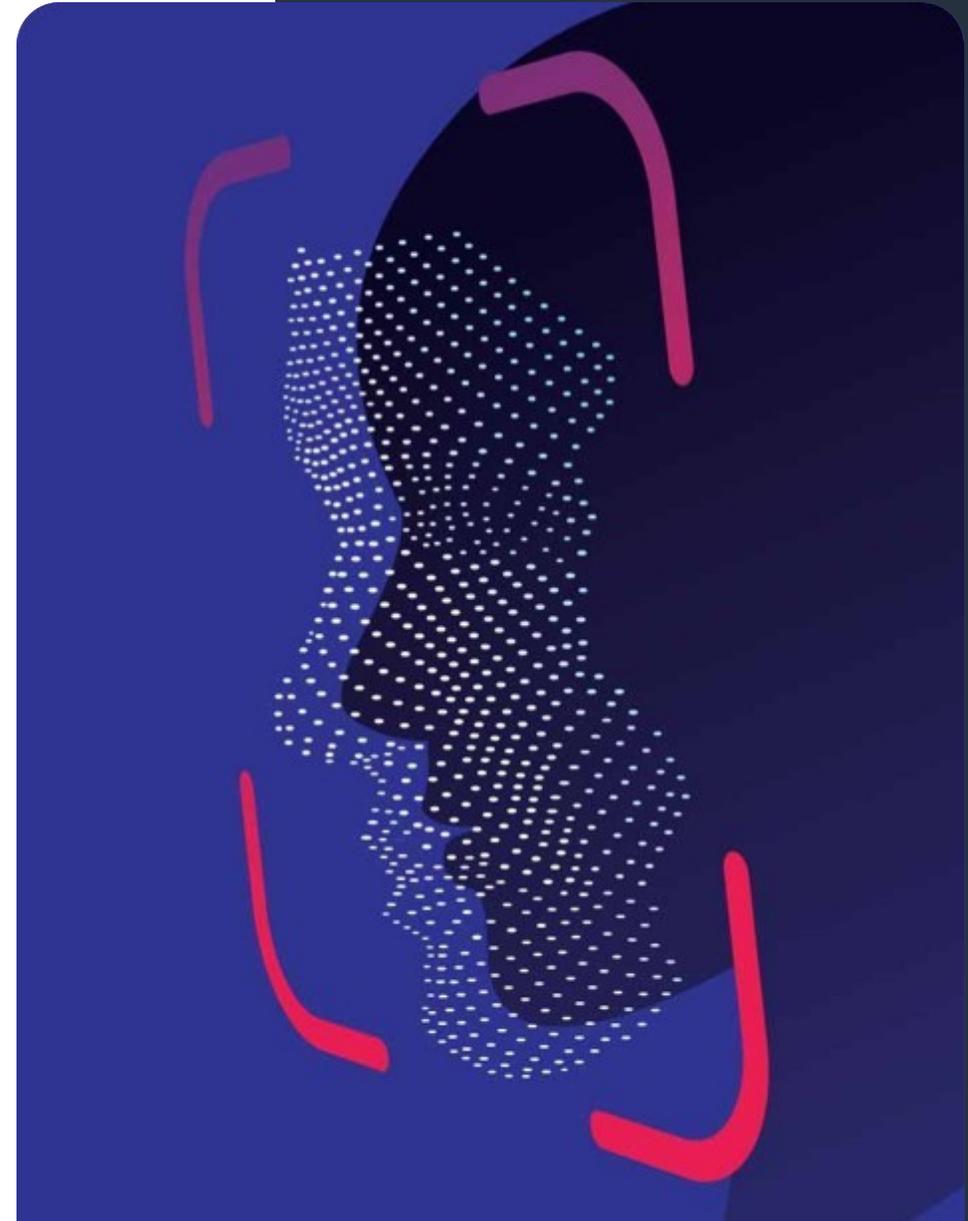
## Face Recognition for Fraud Prevention

### Capabilities

- Identification of suspicious individuals.
- Fraud prevention.
- Automatic access control to service areas.
- Integration with document readers.

### Benefits

- Automation of access to service areas using biometric data.
- Creation of white and black lists to ensure security and prevent fraud.
- Two-stage customer identity verification: biometric and passport-based.



# Analytics and Specialized Modules

## Face Recognition and Analytics

### Capabilities

- Unique visitor counting.
- Recognition of VIP clients.
- Demographic analysis of visitors.
- Real-time statistics display.

### Benefits

- Improved service quality through prompt VIP identification and personalized offers.
- Measurement of branch visit conversion.
- Analytics and gender-age portrait of the target audience



# Analytics and Specialized Modules

## Queue Detector

### Capabilities

- Counting people in queues.
- Tracking queue dynamics.

### Benefits

- Reduced waiting time and improved quality of service.
- Higher customer loyalty.
- Optimization of staff schedules.



# Analytics and Specialized Modules

## Staff Presence Monitoring and Control

### Capabilities

- Detection of objects of a specified type - people.
- Display of objects and alarm zones in live view.
- Generation of alarm events.
- Search for alarm events in the archive.
- Building staff activity reports for a specified zone.

### Benefits

- Improved staff discipline through objective workplace presence control.
- Analytics on workspace utilization for schedule optimization and load balancing.



# Analytics and Specialized Modules

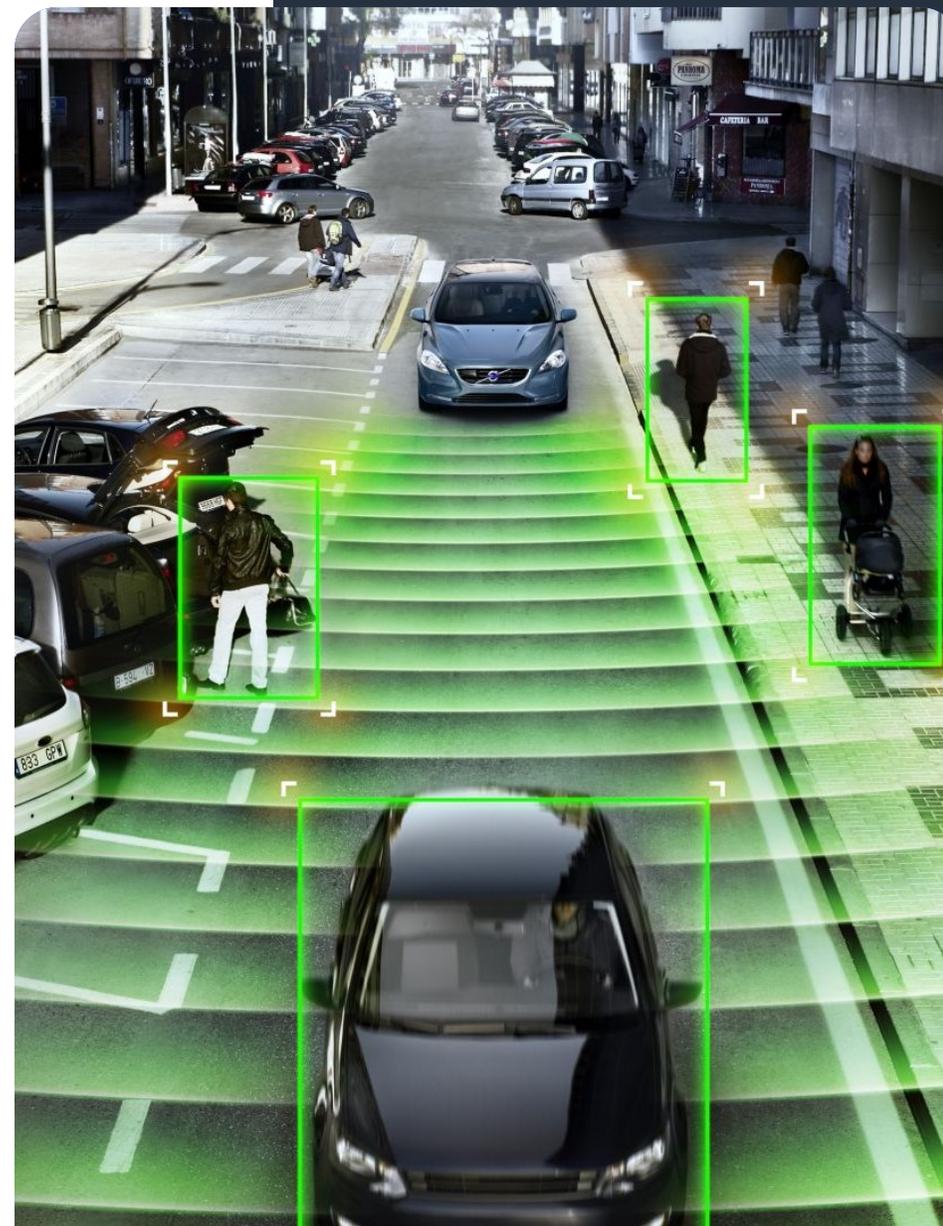
## Neural Network Object Detector

### Capabilities

- Detection and classification of objects: person, vehicle, or animal.
- Movement monitoring and theft prevention.
- Detection of people in dangerous zones and accident prevention.

### Benefits

- Improved security efficiency through automatic real-time territory monitoring.



# Analytics and Specialized Modules

## Neural Network Visitor Counting

### Capabilities

- Counting visitors at entry and exit using neural networks.
- Movement direction analysis.
- Traffic assessment.

### Benefits

- Evaluation of staff efficiency and service level improvement.
- Adjustment of staffing schedules.
- Analysis of promotional campaigns.



# Analytics and Specialized Modules

## Neural Network Abandoned Object Detector

### Capabilities

- Detection of stationary objects.
- Object-type identification: bag, package, or backpack.
- Analysis of how long an item remains in place.

### Benefits

- Notification of security staff about potentially dangerous objects.
- Search for and return of lost items to clients.



# Analytics and Specialized Modules

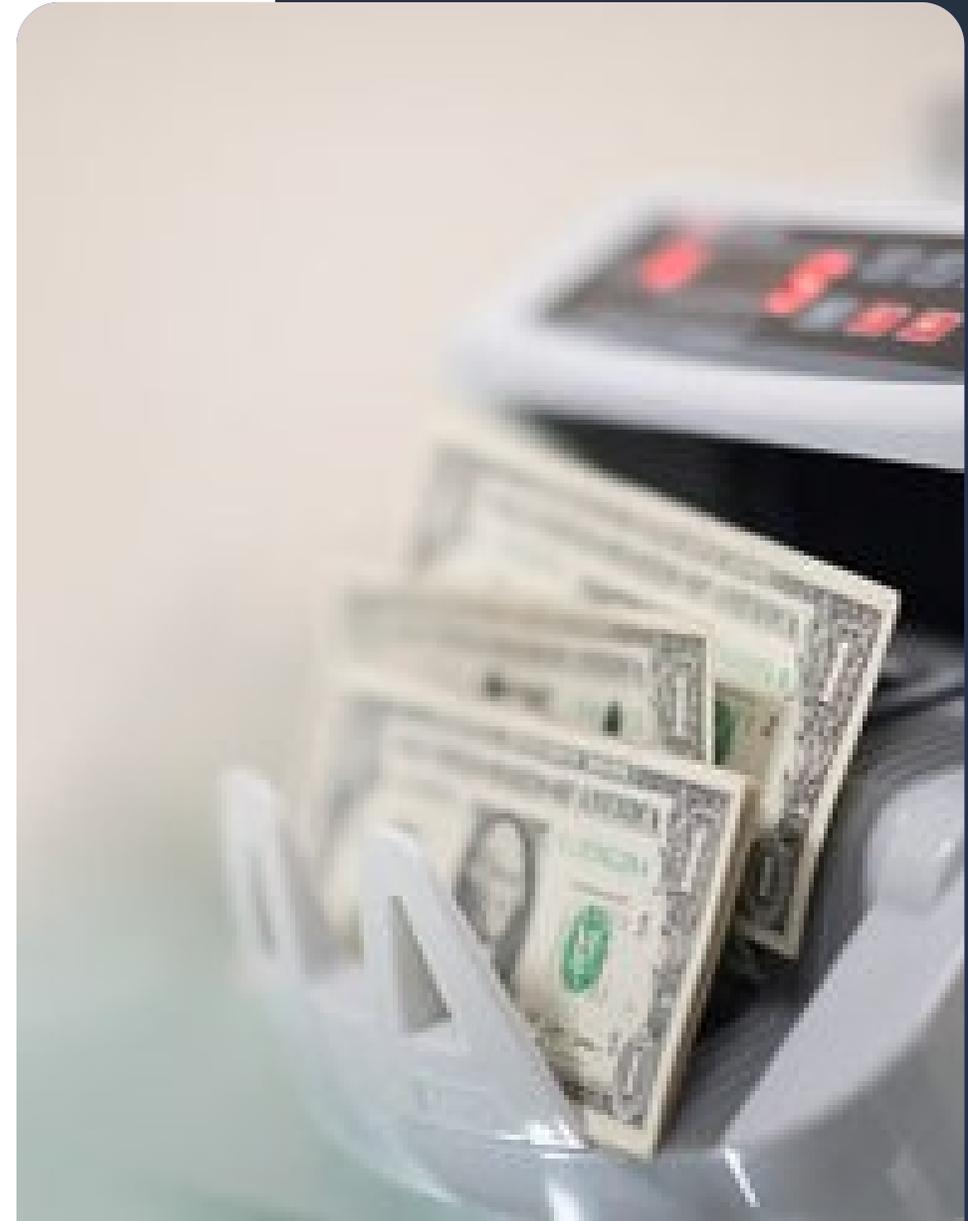
## Integration with Cash Counters

### Capabilities

- Display of transaction data over the video stream.
- Search and filtering of operations by specified parameters.
- Report generation and export.

### Benefits

- Greater transparency of cash operations and lower fraud risks.
- Faster internal investigations and dispute resolution.
- Reduced staff workload through automation of operational control and accounting.



# Useful features of the Enterprise Edition for the Banking Sector

Centralized management of a financial organization network. Unification of all branches into a single video surveillance system. The Enterprise edition makes it possible to install a video server in each branch and combine them into a single domain for centralized control and administration.

## 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.

SAGITECH >>



[sales@sagitechlab.com](mailto:sales@sagitechlab.com)  
[support@sagitechlab.com](mailto:support@sagitechlab.com)

[www.sagitechlab.com](http://www.sagitechlab.com)