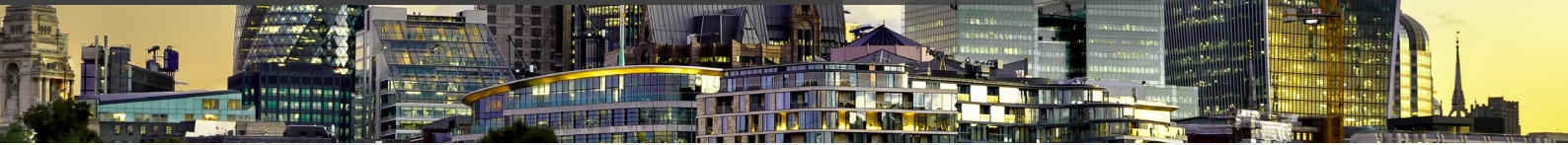


POWERFUL VIDEO MONITORING SOLUTIONS FOR  
**BANKING AND FINANCE**

**CathexisVision**<sup>®</sup>  
Video Monitoring Solutions

# CathexisVision provides security and management tools to create **safe financial institutions.**



**CathexisVision** video management software provides an extensive range of surveillance solutions that meet the requirements of the banking and finance sector. Cathexisvision **protects** people and resources, promotes **operational efficiency**, and **reduces risks** to infrastructure.

Linking video surveillance to a range of operations, CathexisVision can **manage systems** across all areas of a site. Outstanding **integration** capability, reliability, and scalability make CathexisVision an ideal security solution for banking and finance, offering a significant **return on investment**.

**CathexisVision is used in stock exchanges, building societies, banks, cash-in-transit centres and other financial institutions worldwide.**



CathexisVision **does the analysis for you**, optimising the control room environment.



Fast, **real-time alerts** allow response teams to react quickly to incidents.



**System reliability** and **low maintenance** maximise up-time and cost-effectiveness.



By performing automated functions, **video analytics** create an easy-to-monitor site.



Cybersecurity and privacy features help you address **compliance and data protection**.



Third-party systems **integration** amplifies the value of the CathexisVision solution.



The solution can be **tailored** to meet the site's unique needs.

CathexisVision keeps all areas of the site **secure**, at **all hours**.



### Perimeter Monitoring

CathexisVision's in-house engineered **video analytics suite** can be configured to detect **line crossing**, or when a person **crosses perimeter boundaries**. The software incorporates **electronic fence monitoring systems**, as well as **cameras**, bolstering **security** and assisting staff in making informed decisions. These tools swiftly guide operators to problem areas, allowing them to take **immediate action**.



### Smart Site Management

Banking requires maximum security, and up to **hundreds of cameras** to monitor. CathexisVision has the capacity to manage large installations and data effectively. Our **multi-site architecture** facilitates management of multiple locations including cameras, data, and additional systems. Through **AI-powered video analytics**, the system can create automatic **alerts** in response to unusual activity. **Smart Search tools** empower operators to locate video footage of incidents easily. Complex procedures, such as arming intrusion panels, can be performed locally or remotely.



# AI-powered video analytics algorithms analyse scenes automatically.

## Count People

- Monitor the **number of people** entering and exiting the bank.
- Gain valuable information for analysing trends, customer service and people flow.

## Loitering

- Detect **people loitering in a certain area** based on a **timer**. For example, an alarm can be sounded if a person stands near an ATM for longer than a specified time.

## Waiting Times & Abandoned Objects

- Improve customer service by monitoring client waiting times and sending a notification if someone stops in a **waiting area** for longer than a **specified time**.
- Alert the control room to potential threats by recognising objects and detecting **when an item has been left unattended**.

## Queue Length

- Detect whether a queue is **occupied for too long**, which may indicate a problem or staff shortage. The system can notify staff or sound a notification.



# CathexisVision **integrates** with state-of-the-art systems to enhance the power of the solution.



## Analytics and Cameras

- Integration with most popular **camera brands** and specialised analytics devices.



## Smoke and Fire Detection

- CathexisVision integrates with fire and smoke alarm panels to facilitate a **calm and targeted response** in emergencies.
- Operators are guided to footage showing which zone has been triggered.



## Access Control and Alarm Panels

- **Access control integration** enables automatic responses to incidents such as anti-passback or after-hours activity.
- Seamless management of **intruder alarm panels** and staff attack alarm systems.
- Operators are notified when an alarm is triggered, together with footage and map location of incidents.
- All evidence can be stored or escalated to management.



## Money Counting

- Integration with money counting devices enables cameras to be configured to record when a transaction begins.
- Associated footage can be databased along with relevant data, such as counting totals.

# CathexisVision identifies physical and virtual threats for **advanced protection.**



## Security and Stability

- Operators' camera views can be restricted using privacy zones.
- **User access rights** to system resources can be limited according to clearance levels.
- All events are stored securely in our databases and can be exported for use as evidence.
- Search and view security events such as access or facial recognition alongside associated video footage.
- **Failover** servers ensure system stability.



## Cybersecurity

- Application of **cryptographic techniques** ensures **system integrity, secure communication, and data protection.**
- Encryption is supported for external site connections, and network channels are protected with per-connection encryption.
- IP camera connections are secured.
- CathexisVision helps financial institutions **comply with privacy and industry regulations**, ensuring that clients continue to trust their financial service providers.



### CathexisVision Mobile

- CathexisVision Mobile allows users to **monitor cameras** and **events** on-the-go.
- Fast performance, enhanced video compression, and an easy-to-use interface empower users to monitor CathexisVision sites at any time or place.



### Optimised Control Room

- CathexisVision can automate responses in emergency situations. Operators are supported to work more efficiently, and to make better, informed decisions.
- View **multiple sites** concurrently.
- Use a **multi-layered map** to see alerts, view cameras, or control third-party devices.
- Assign priority levels, cameras, and maps to events using the **Alarm Management Gateway**, and set up appropriate procedures to automatically guide operators when an event occurs.
- Control multiple monitors from a single "mimic" panel using the **Video Wall**, or tour cameras and layouts on selected panels. On events, cameras can be automatically switched to selected monitors.



### With CathexisVision, operators can:

- Use **Adjacent Camera Mapping** to track a moving person across cameras.
- Easily find footage of incidents using **Smart Search** tools.
- Quickly **review footage** on one or more cameras.
- Control **PTZ cameras** for object tracking.
- Trigger commands in **response to unusual activity** after hours.
- Detect abandoned objects and loitering.
- **Archive video** to media devices across one or more cameras.

## Powerful, integrated solution



Enterprise, multi-site architecture



Video analytics / AI



Smart Search features



Alarm / event management



Cybersecurity



Mobile



Client Viewing



Client Viewing

### CONTROL ROOM



Video Wall



Server



Redundant Server



### THIRD-PARTY INTEGRATIONS



Parking systems



Automatic Number Plate Recognition



Video analytics



Access control



Perimeter monitoring



Alarm Management



Point-of-sale



Intercoms

