

POWERFUL VIDEO MONITORING SOLUTIONS FOR  
**EDUCATION**





Create a **safe, efficient** educational environment with **CathexisVision**.

The CathexisVision Video Management Software (VMS) solution provides smart technology and management tools to **protect** staff, students and visitors, ensure operational **efficiency**, and **reduce risks** to infrastructure.

CathexisVision **manages** systems across all areas of a site and links CCTV monitoring to a powerful range of actions. From access control and automatic number plate recognition, to perimeter monitoring and point-of-sale — whatever your site's requirements, the **integrated, comprehensive CathexisVision solution** can create a facility that runs smoothly and safely.



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



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



**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 your site's unique needs.

## CathexisVision protects people and secures all areas of the campus.



### Protecting Public Spaces

- CathexisVision's monitoring tools allow operators can manage **thousands of cameras**, **allocate cameras** to users, **view events**, and **take action**.
- Through AI-powered **video analytics**, the system can create **alerts** in response to unusual activity in designated areas.
- **Search tools** empower operators to find footage of incidents quickly and easily.
- Complex procedures, such as arming intrusion panels, can be performed **locally or remotely** from CathexisVision.



### The Power of Integration

- By **integrating** with **access control** systems, **fire panels**, **point-of-sale**, **analytics** devices, **metal detectors** and more, CathexisVision can provide video verification of third-party system events and link these to actions. **Intercom integrations** enable operators to use bi-directional audio communication.
- **Create alerts**, mine databases, or perform sophisticated procedures such as arming intrusion panels.
- For example, if someone tries at enter an unauthorized area, an **alarm** can be triggered, and the operator can be alerted immediately, with information and **video verification** of the event.

Keep the site **safe**  
for everyone and ensure  
operations run **smoothly**.



### Manage Parking, Vehicles and Roads

- With **Automatic Number Plate Recognition**, licence plates can be compared to **lists of plates** in user-configured **groups**.
- Automate actions (such as alarms or controlling third-party devices) for when a recognised plate falls within a designated group.
- Conversely, a gate can be **opened** for staff automatically.
- Find plates with CathexisVision's comprehensive database **search facility**.
- The speed algorithm provides alerts and recordings of vehicles travelling at speeds **higher** than a set limit.



### AI-Powered Video Analytics

- The AI **object classification algorithm** allows users to search for objects by type (for example car, truck, motorcycle, bicycle, or person).
- The algorithm also enables **searching** by colour, such as finding all 'red trucks' within a specified time period on a specific camera, or across multiple cameras.



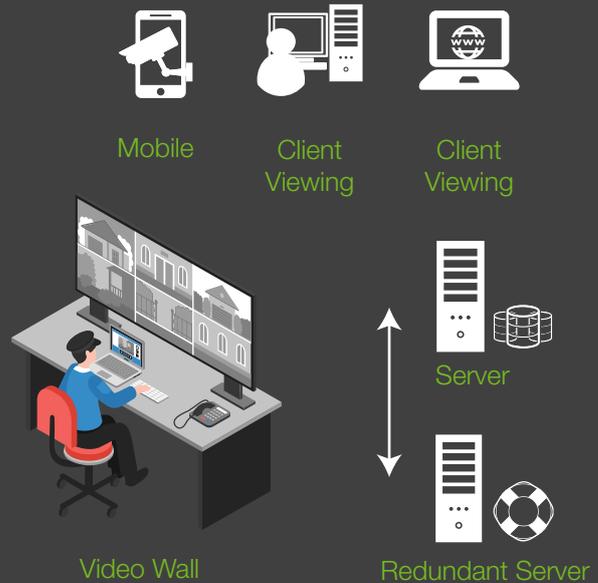
### Perimeter Monitoring

- CathexisVision's sophisticated tools work with standard or thermal **cameras** to give **real-time alerts**, assisting staff in making informed decisions.
- The in-house engineered **video analytics suite** can be configured to detect people **crossing perimeter boundaries**.
- The software integrates with third-party **electronic fence monitoring systems**, amplifying **security** when used with video analytics.
- These methods, paired with the control room and alarm management solution, guide operators to areas of concern, allowing them to take **immediate action**.



## Optimised Control Room

- **Simultaneous connection** to multiple sites with concurrent viewing of cameras.
- **User-friendly** interface.
- Investigate areas of interest with a multi-layered **map**, which provides graphical alerts from system events and allows operators to control third-party devices.
- Assign priority levels and resources to events with the **Alarm Management Gateway**. When an event occurs, operators are guided to the camera/map and procedures are presented. Events and operator activities are databased.
- Control monitors from the **video wall**, which also enables tours of cameras and layouts on selected panels or monitors.
- **Switch** cameras to selected monitors automatically in response to events.



- Track incidents with **Adjacent Camera Mapping**.
- Find footage using **Smart Search** tools.
- Quickly **review footage**.
- Control **PTZ cameras** for object tracking.
- Trigger commands in **response to events**.
- Detect abandoned objects and loitering.
- **Archive video** to media devices.

## CathexisVision®

### Third-party systems integration



CATHEXIS®



# Powerful, integrated CathexisVision solution



CathexisVision®  
Video Monitoring Solutions