



Remote Monitoring

**Powerful Surveillance Solutions
for the Remote Monitoring Sector**



The Cathexis Video Management Solution and Software Suite provides an extensive range of sophisticated surveillance options, tools and functionality to satisfy all security and infrastructure management requirements.

The global improvement of bandwidth has perpetuated the exponential growth of the Remote Monitoring industry. For more than a decade, Cathexis has been at the forefront of this technology, developing a range of the most powerful remote monitoring solutions available.

Cathexis offers Remote Monitoring service providers an exceptional and comprehensive range of solutions to increase monitoring potential through powerful integration capability, health monitoring solutions, as well as flexible and hybrid architecture.

Features

- I.P and Analogue CCTV Hybrid Solutions
- Megapixel Camera support
- Smart Video Analytics
- Unlimited Scalability
- Access Control Integration
- Remote and Multiple Site Management Capability
- Centralised Alarm Management

Meeting Remote Monitoring Requirements

- Integration Capability
- Real-Time Health-Monitoring and Optimal Uptime
- Bi-Directional Audio
- I/O Control

Remote Monitoring Solutions that go beyond Surveillance

With seamless flexibility and scalability, Cathexis provides the most ideal product solution combined with all the necessary expertise and experience for the most specific industry requirements. Cathexis solutions go beyond surveillance to offer a sophisticated management tool that enables operators and managers to function in a multi-tiered control environment.

Complete Remote Management for the whole business

REMOTE MONITORING

One of the greatest challenges facing Remote Monitoring service providers is justifying the additional expense of video monitoring to customers.

With Cathexis technology, Remote Monitoring providers are able to use the infrastructure, already in place, to extend the system's capabilities and offer customers maximum return on investment

Event Management

The Cathexis Alarm Management Gateway enables service providers to monitor events that will automatically connect to sites and cameras associated with those events. When an operator receives an event notification or alarm, the event can be managed automatically in the following ways:

- Connect to the site from where the alarm was generated
- Switch a selected camera to the users monitor
- Switch to a map of the site
- Load pre-selected pre and post event video clips
- Allow the user to enter custom or default comments

Integration

One of the major differentiating features of Cathexis, is the capability to integrate various third-party systems. Integration is enhanced by predetermined actions upon information received from various systems and the association of specific actions for events. Third-party systems include:

- Access Control
- Fire Panels
- Alarm Panels
- X-Ray Systems
- Plant Management Systems

Health Monitoring

Cathexis offers one of the most unique and valuable features through its real-time system Health Monitoring.

Even the most reliable systems have down-time, and it is extremely important for management and maintenance service providers to be able to assess the health of the systems in place.

The Cathexis solution provides continuous monitoring of all the components, including hardware and software integrity and provides automated warnings of any possible impending failure. This allows maintenance engineers to perform corrective maintenance before the system fails.

Disclaimer: While Cathexis has made every effort to ensure the accuracy of this document, there is no guarantee of accuracy, neither explicit, nor implied. Specifications are subject to change without notice.

Video Analytics

Cathexis offers a range of video analytics to improve the effectiveness of the system, including:

- Smart Video Motion Detection
- Abandoned Object Analysis
- Post Object Search

The system also integrates with several specialised analytics devices. The analytics software provides triggers to the system which enables it to take user defined actions depending on the specific trigger received, including:

- Notify a control room gateway
- Move PTZ camera to preset position
- Send an alarm to a selected recipient
- Send an SMS or email
- Switch selected cameras to selected monitors
- Switch a device on or off

Interactive Graphical Interface

The interactive user interface provides a visual representation of single or multiple sites. Operators can navigate through multiple layers of maps to selected sites, drag-and-drop cameras to selected monitors, control outputs, and move PTZ cameras. Users can also navigate multiple sites throughout the enterprise with the map facility.



Beyond Surveillance