PHARMACEUTICAL MANUFACURING FACILITY CASE STUDY

CATHEXIS®

The challenge:

One of the **largest pharmaceutical manufacturers in Africa** relies on CathexisVision for video monitoring and control room management. This manufacturer has more than 25 facilities spread over 17 sites, all of which comply with stringent global regulatory standards.

Cathexis, with its excellent reputation for implementing video monitoring solutions at key manufacturing and industrial locations, and ensuring a high degree of quality control and safety, provided a fully integrated real-time monitoring and management solution to **four pharmaceutical manufacturing facilities**.

These sites have a combined manufacturing capability of 13 billion tablets and 140 million packed units. The security solution had to accommodate **over 620 IP cameras** with multi-site control room infrastructure, full integration with third-party systems, and video analytics.

This installation required an effective security and video monitoring management with an advanced control room environment. CathexisVision was required to manage restricted employee and visitor areas, and the free flow of people traffic from critical entry and exit points. This application also required flexibility and scalability to accommodate facility expansion.

CathexisVision®

Major features
- Hybrid IP and analogue CCTV
- Megapixel camera support
- Smart video analytics
- Video and audio monitoring
- Emergency/panic button facility
- Access control integration
- Alarm panel integration
- Remote and multisite management capability
- Centralised alarm management
- Movement detection algorithms
- Restricted area management
- Sophisticated health monitoring
- Black screen monitoring
- Scalability and flexibility

CathexisVision - the comprehensive, **integrated** VMS solution - optimised the effectiveness of the **control room** and streamlined management across all sites.

The solution:

- The **open platform** allows for a customisable solution that meets the demands of different applications, including security, quality control and occupational health and safety.

- The installation has **620 cameras**, which were sourced from Axis Communications and HikVision.

- CathexisVision provides **site-based management infrastructure**, with multiple recording and viewing servers, cameras, and storage, all managed from a central location.

- **Video wall** with automated, **black screen monitoring**. Cathexis offers remote monitoring service providers an exceptional range of solutions to increase monitoring potential through powerful integration capability, health monitoring solutions, as well as flexible and hybrid architecture.

- CathexisVision's **AI-powered video analytics** include a multi-zone motion detection algorithm, abandoned or removed object detection, loitering, speed, direction, line crossing, queue length analysis and object counting, among others.

- **CathexisVision's third-party system integration** with **access control** and **alarm panels** enables powerful system management through a single user interface. CathexisVision provides video verification of events that occur on these systems, and rules-based actions can be initiated based on event data.

- CathexisVision's exceptional capacity for **integration**, along with its **reliability** and **flexibility** have made Cathexis solutions ideal for the manufacturing environment, providing value across business operations, and a real return on investment.