



# cyCorrections

## Video Intelligence Suite for Correctional Facilities

Powered by Generative AI



**Inmates  
In-cell  
Safety**



**Inmates Counts  
and  
Identification**



**Facility  
Security and  
Safety**



**Virtual  
Visits  
Intelligence**

## **Inmates and Personnel Safety and Security**

Tailored specifically for correctional services cyCorrections enhances safety and mitigates risks within prisons and correctional facilities. Leveraging cutting-edge technology that integrates seamlessly with correctional facilities Standard Operating Procedures (SOPs), it has undergone extensive fine-tuning in collaboration with experts to provide precise behavior analysis, ensuring the highest standards of safety and security, tailored to the needs of a correctional environment.

# cyVisionGPT

## Revolutionary Video Understanding with an Intuitive Copilot

Transcends rule-based video analytics, making intelligence accessible with natural language interactions.

cyVisionGPT delivers unmatched video comprehension through proprietary domain-specific Video Language Models (VLM) that analyze industry-specific contexts. cyVisionGPT understands scenes, identifies objects, interactions and events through spatio-temporal analysis. With cynapse.ai copilot, users benefit from Large Language Models (LLM) to interact with video data through natural language, define new use cases, search historical footage, and generate reports and summaries - making advanced video intelligence both accessible and intuitive.



## Inmate In-cell Safety

### Ensuring Timely Intervention and Prevention of Harmful Behaviors

- Detection of Inmate Self-harm Attempts
- Detection of Inmate Suicide Attempts
- Inmate Motionless Detection

### Smooth Cell Operation and Risk Reduction

- Detection of Inmate Aggressive Behavior (Fight, Punch, Kick etc.)
- Entry/Exit Monitoring
- Illegal Object Detection

## Inmates Counts and Identification

### Inmate Tracking and Identification

- Automated Counts and Identification via Face Recognition
- Scheduled & Ad-Hoc Counts





# Perimeter, Facility and Common Areas Security and Safety

## Access Control via Facial Recognition

- Unauthorized Inmate/Guard
- Abnormal Cell
- Entry/Exit
- Track & Trace of Inmate / Guard / Visitor / Vehicle

## Perimeter Safety and Security

- Camera Tampering
- Intrusion detection
- Falling, Congregation, Dispersal, Loitering
- Weapon
- Fence Climbing
- Illegal Object/Object Removal



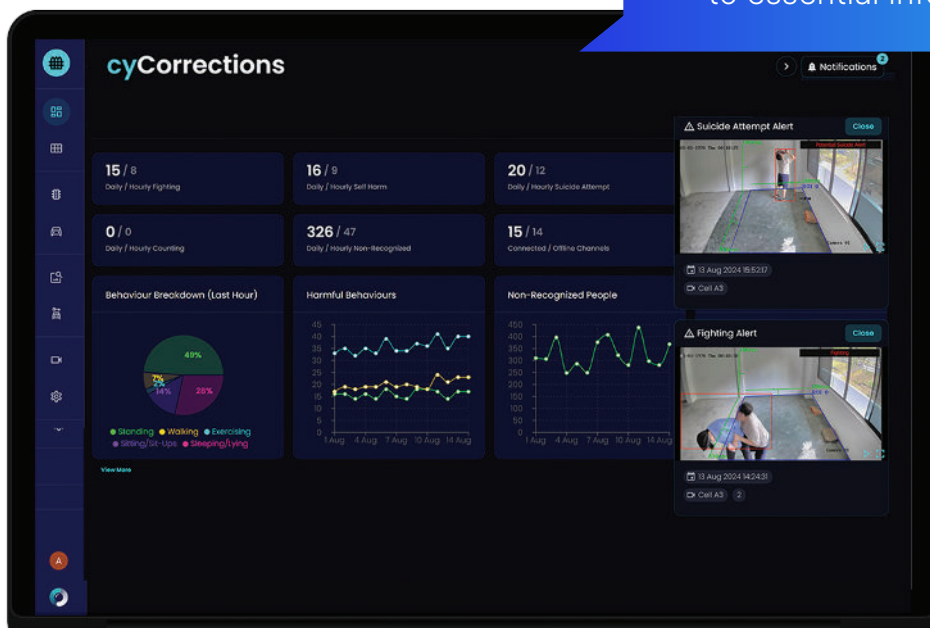
## Virtual Visit Monitoring

### Virtual Visits Intelligence

- Identifying Dangerous Objects
- Additional Safety and Security Measures



The cyCorrection dashboard offers a comprehensive view of all insights, and provides quick access to essential information



# Why cyCorrections?

## Key Advantages



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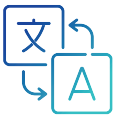
**Lowest False  
Alarms Rate**



**Unmatched  
Video Understanding**



**Works with any Video/  
Visual/Camera/  
VMS Source**



**Natural  
Language Interface**



**Edge/On-Prem/Cloud**

## About Cynapse.ai

Cynapse.ai is a leading provider of verticalized Video Intelligence Solutions powered by Generative AI. With its vertical suites, cynapse.ai empowers organizations to enhance safety, security, compliance, and operational efficiency. The cynapse.ai platform is designed to detect and respond to risks, threats, and violations while uncovering opportunities across smart cities, transportation, seaports, airports, and correctional services. With over 150 predefined analytics and the cutting-edge cyVisionGPT, a domain-specific, video-understanding Generative AI engine, cynapse.ai is making video intelligence more powerful and accessible than ever before.



**cynapse.ai**