



# cyCorrections

## Agentic AI Video Intelligence



**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.

# cyNeuron

## Human-Like Video Understanding With an Intuitive Copilot and AI Agents

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

Achieve unparalleled video comprehension through proprietary domain-specific Vision Language Models (VLM) alongside other Vision AI technologies that analyze city-specific contexts, understand scenes, identify persons, vehicles, objects, interactions and events, through spatio-temporal analysis.

The Agentic AI layer brings a set of AI Agents that automate complex tasks such as generating incident reports, summarizing video footage and automating case management, all instantly available via cynapse.ai Vision Copilot.



Alert Agent



Discovery Agent



Q&A Agent



Summarization Agent



Generation Agent



Investigation Agent



## 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



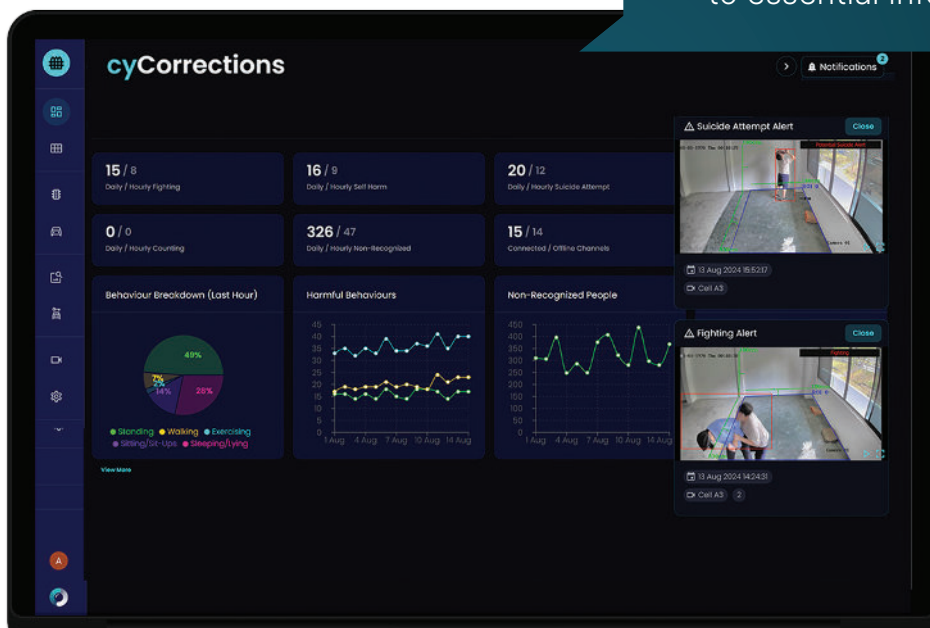
## Virtual Visit Monitoring

### 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

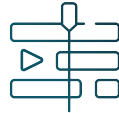


# Why cyCorrections?

## Key Advantages



**Powered by  
Agentic AI**



**Revolutionary  
Video Understanding**



**User-Defined  
Events**



**Works With Any  
Video/Visual Source**



**Vision Copilot  
with AI Agents**



**Edge/On-Prem/Cloud**

## about cynapse.ai

cynapse.ai is a leading provider of Verticalized Agentic AI Video Intelligence solutions, enabling organizations to enhance safety, security, compliance and operational efficiency. cynapse.ai solutions are designed to detect and respond to risks, threats, and violations while uncovering opportunities across smart cities, transportation, seaports, airports, and correctional services. Offering human-like video understanding through cyNeuron and 150+ pre-defined analytics, and turning it into everyday value through AI Agents and an intuitive copilot, cynapse.ai is making video intelligence more powerful and accessible than ever before.



**cynapse.ai**