



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



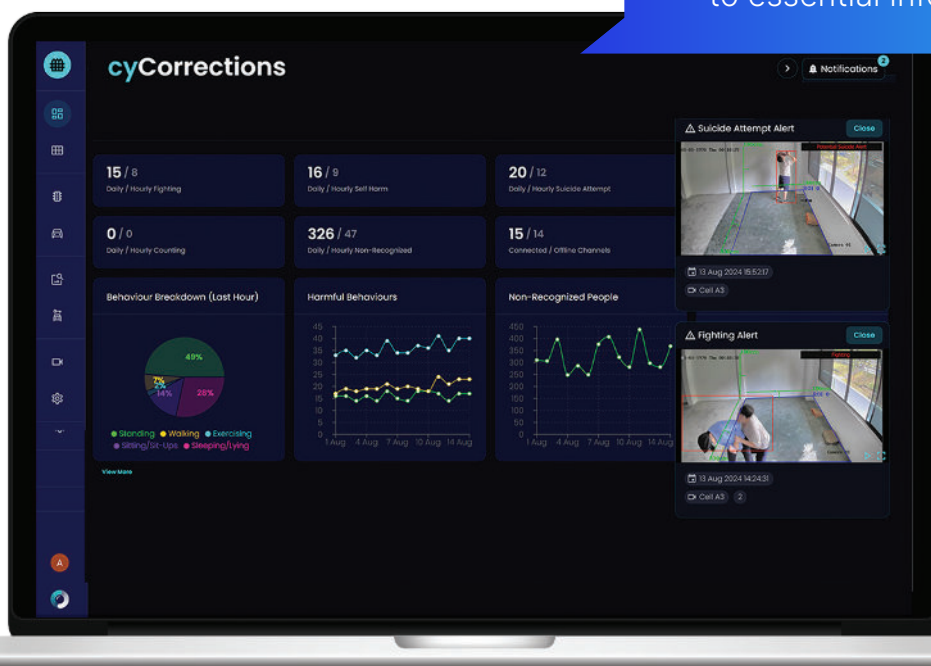
Virtual Visit Monitoring

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

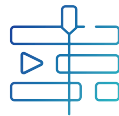


Why cyCorrections?

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