



cyCity Agentic AI Video Intelligence



Public
Safety



Road
Enforcement



Micromobility
Monitoring

Safer, Smarter More Sustainable Cities

cyCity Agentic AI Video Intelligence is designed for cities seeking to automate the detection, identification, and response to key risks and incidents involving individuals, crowds, objects, vehicles, and abnormal behaviors. It also enhances infrastructure planning through data-driven analysis, transforming cities into safer, smarter, and more sustainable environments.

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



Public Safety

Empowering cities to enhance public safety efforts by providing real-time insights and comprehensive person, vehicle, and object-based analytics, including identification, tracking & tracing, and anomaly detection.

Person Identification

Face Recognition; Face Indexing; Face Verification; Face Spoofing; QR Code

Person Appearance & Tracking

Age; Gender; Head & Body Attribute; Clothes; Accessories; Pose; Track & Trace; Link Analysis

Person Behavior

Intrusion; Loitering; Falling; Running; Fighting; Smoking; Using-phone

Crowd Monitoring

Count; Queue Size; Dwell Time; Congregation; Dispersal; Counter-flow

Vehicle Track and Trace

Type; Make; Model; Color; LPR; Speed; Lane; Track & Trace; Link Analysis



Micromobility Traffic Monitoring, Anomaly Detection and Violation Enforcement

Micromobility Traffic Analysis

Monitor movement and patterns of micromobility devices such as e-scooters and e-bicycles to understand traffic flow, improve city planning, and optimize lane usage.

Bicycle Lane Anomaly Detection

Monitor real-time traffic risks, identify potential hazards, and ensure safer routes for micromobility users, reducing incidents and promoting responsible usage.

Micromobility Violation Enforcement

Automatically detect and enforce traffic violations like unauthorized lane usage, speeding, and no helmet, helping municipalities ensure compliance with safety regulations efficiently.



Road & Junction Traffic Analysis and Safety Violation Enforcement

Optimize Traffic Monitoring and Analysis

Monitor traffic flows, identify congestion points, and analyze vehicle behavior patterns. Empower decision-makers to optimize road usage and improve traffic flow.

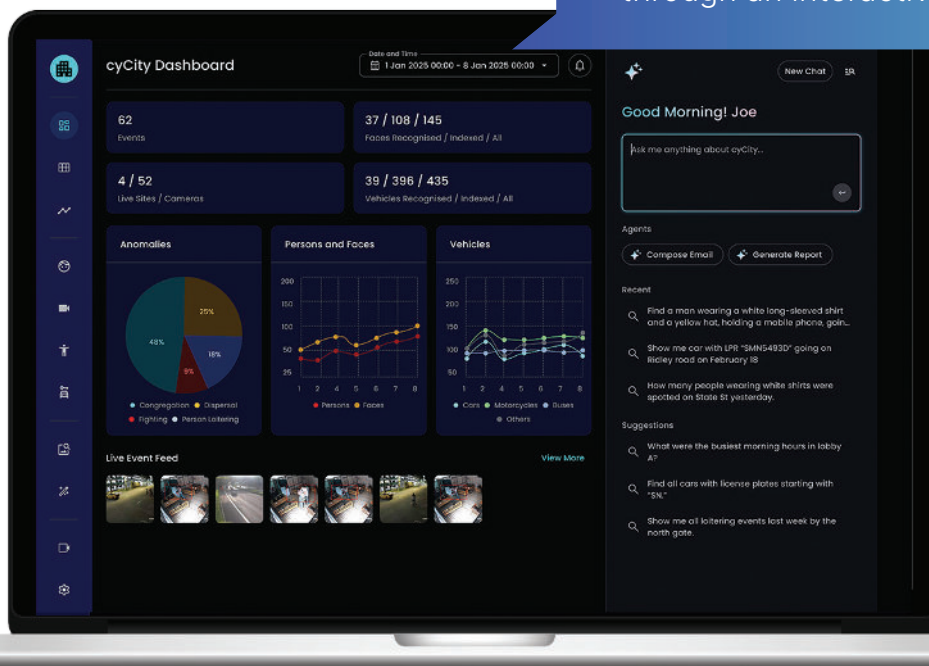
Automate Road Violation Enforcement

Detect and automatically enforce traffic violations. Enhance road safety by identifying dangerous behaviors and minimizing human intervention in enforcement.

Curbside Analytics

Detect and analyze curbside anomalies, providing statistics for improved curbside management.

The cyCity dashboard delivers a comprehensive view of video intelligence, with quick access to insights and events through an interactive copilot

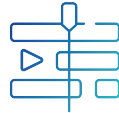


Why cyCity?

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