cynapse.ai

cyPort
Agentic AI
Video Intelligence

Employee & Equipement Safety

Operational Efficiency

Road Safety

Seaport Security

Smooth, Safe and Secure
Seaport Operations

cyPorts Video Intelligence solutions are designed to address the critical needs of seaports, including worker safety, operational efficiency, traffic analysis, and port security. By harnessing the power of advanced Vision AI combined with Generative AI, cyPort enables port authorities, terminal operators, logistics providers, and security teams to efficiently monitor and analyze operations, enforce safety and security protocols, optimize workflows, and ensure smooth traffic management within port premises.

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.
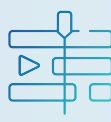
| Alert Agent | Discovery Agent | Q&A Agent | Summarization Agent | Generation Agent | Investigation Agent |

Automating Monitoring and Enforcement
of Safety Violations

Worker Safety

> PPE Non-Compliance
> Life Jacket Non-Compliance
> Slip & Fall
> Extreme Row Non-Compliance

Equipment Handling

> Lashing Non-Compliance
> Spreader Non-Compliance
> Rubber Tire Gantry Non-Compliance
> STS (Quay) Crane Non-Compliance
> Container Handling Non-Compliance

Streamline
Seaport Operational Efficiency

> Prime Mover Number Recognition
> Worker Counting
> Container Counting
> Container Number Recognition
> Truck Waiting/Loading/Unloading/Turn-around Time
> Obstruction to Gantry & Box Junction

Seaport Road and Traffic Safety

Vehicle Violation Enforcement

Detect and automatically enforce vehicle safety and compliance violations.

Traffic Monitoring and Analysis

Monitor traffic flows and average speed, identify congestion points, and analyze patterns.
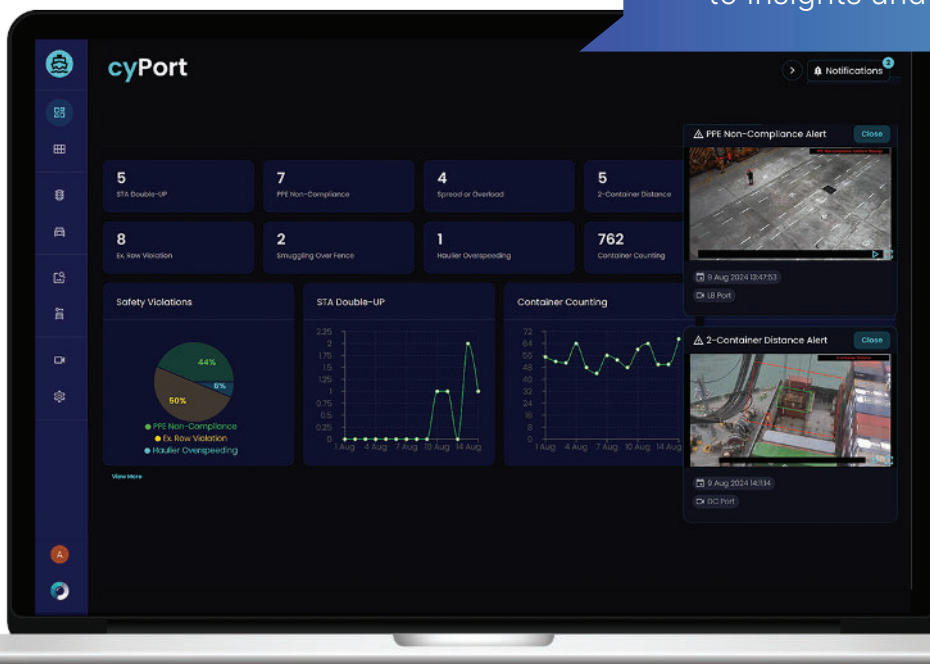
Enhance Seaport Security

Anomalies

- Loitering, Intrusion, Fighting
- Fence Climbing
- Weapon Detection
- Fire & Smoke
- Camera Tampering

Access Control

- Unauthorized Personnel
- Restricted Areas Management
- Person Track & Trace, Link Analysis

The cyPort dashboard offers a comprehensive view of video intelligence, providing quick access to insights and events of interest
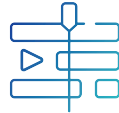
Why cyPort?
Key Advantages

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.

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