cynapse.ai

cyPort
Video Intelligence Suite for Seaports
Powered by Generative AI

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.

cyVisionGPT
Revolutionary Video Understanding with an Intuitive Copilot

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

cyVisionGPT delivers unmatched video comprehension through proprietary domain-specific Video Language Models (VLM) that analyze industry-specific contexts. cyVisionGPT understands scenes, and 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.

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.
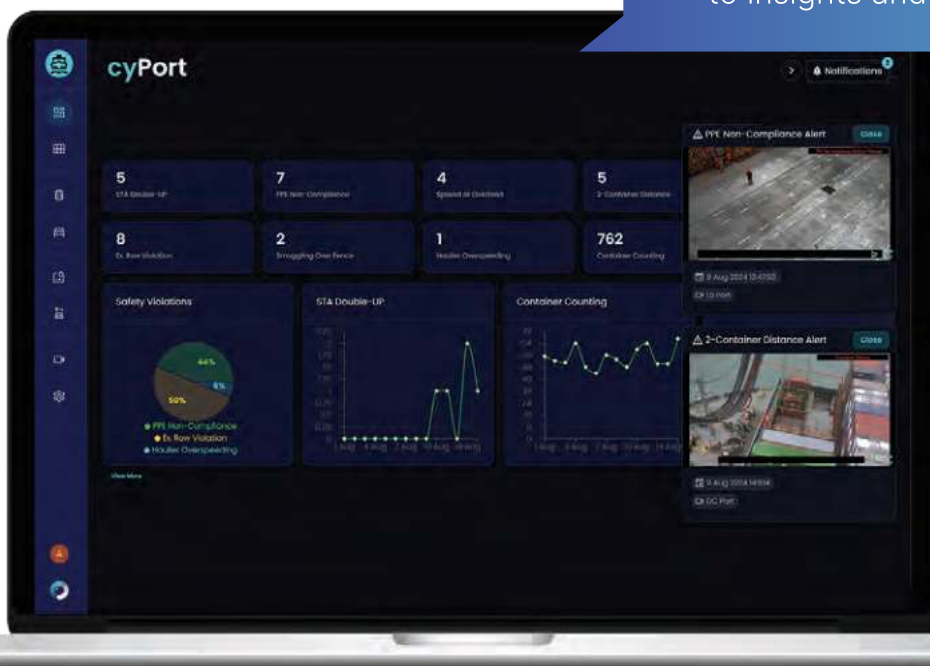
Enhance Seaport Security

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
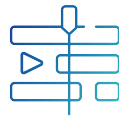
Why cyPort?
Key Advantages

Powered by Generative AI

Revolutionary Video Understanding

User-Defined Alerts

Works With Any Video/Visual Source

Vision Copilot

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.

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