

# Cognitive Port 360°

Convergence, Automation,  
and Traceability with  
Netsocs

A single operational “brain” that converges all port systems and automates decisions in real time.

Delivers 360° traceability of people, vehicles, and containers for faster response, higher efficiency, and proven compliance.

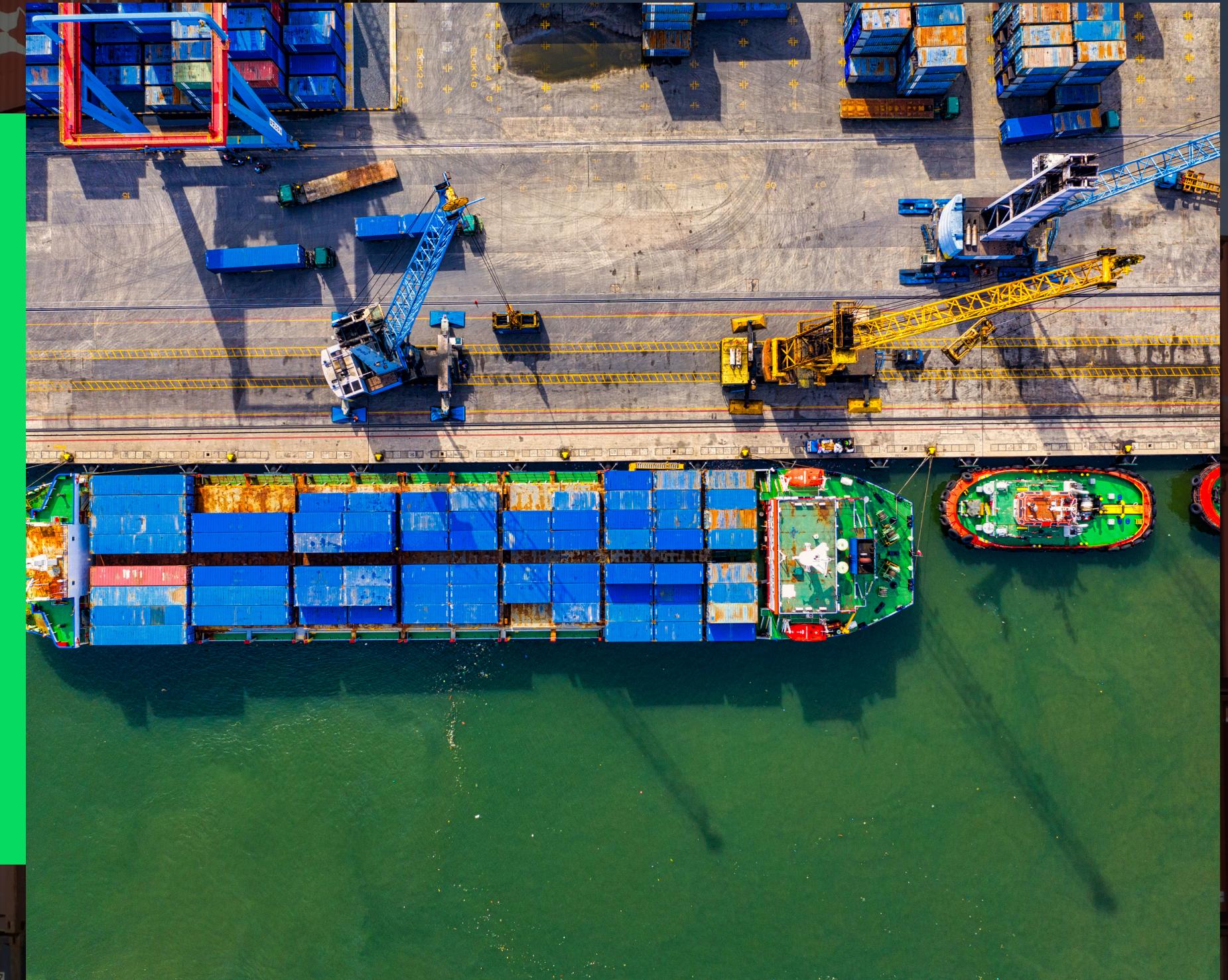


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# Our Vision

- Netsocs is a pioneer in creating solutions that transform companies into efficient ecosystems through technology. We set a benchmark for others worldwide, promoting an integrated and strategic approach that maximizes performance and concentrates efforts on the core of the business.



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# Our Mission

- At Netsocs, we are dedicated to transforming the way businesses operate, enabling them to integrate all their systems, automate processes, and turn data into essential information. Our technology revolutionizes siloed departments, transforming them into a cohesive ecosystem that optimizes operations and elevates the organization's overall performance.

# What is Netsocs?

The Challenge Virtuosos Without a Conductor

Many great systems are stuck in silos. Slow decisions, manual coordination, and a fragmented view.

The Solution Netsocs, the Conductor

It converges LiDAR, video, IoT, OCR, TOS/ERP into a single C7 brain that listens, orchestrates, and acts: moves PTZ cameras, locks access points, speaks over IP audio, places SIP calls, displays on-screen messages, pushes mobile alerts, and coordinates via IP radio/intercom.

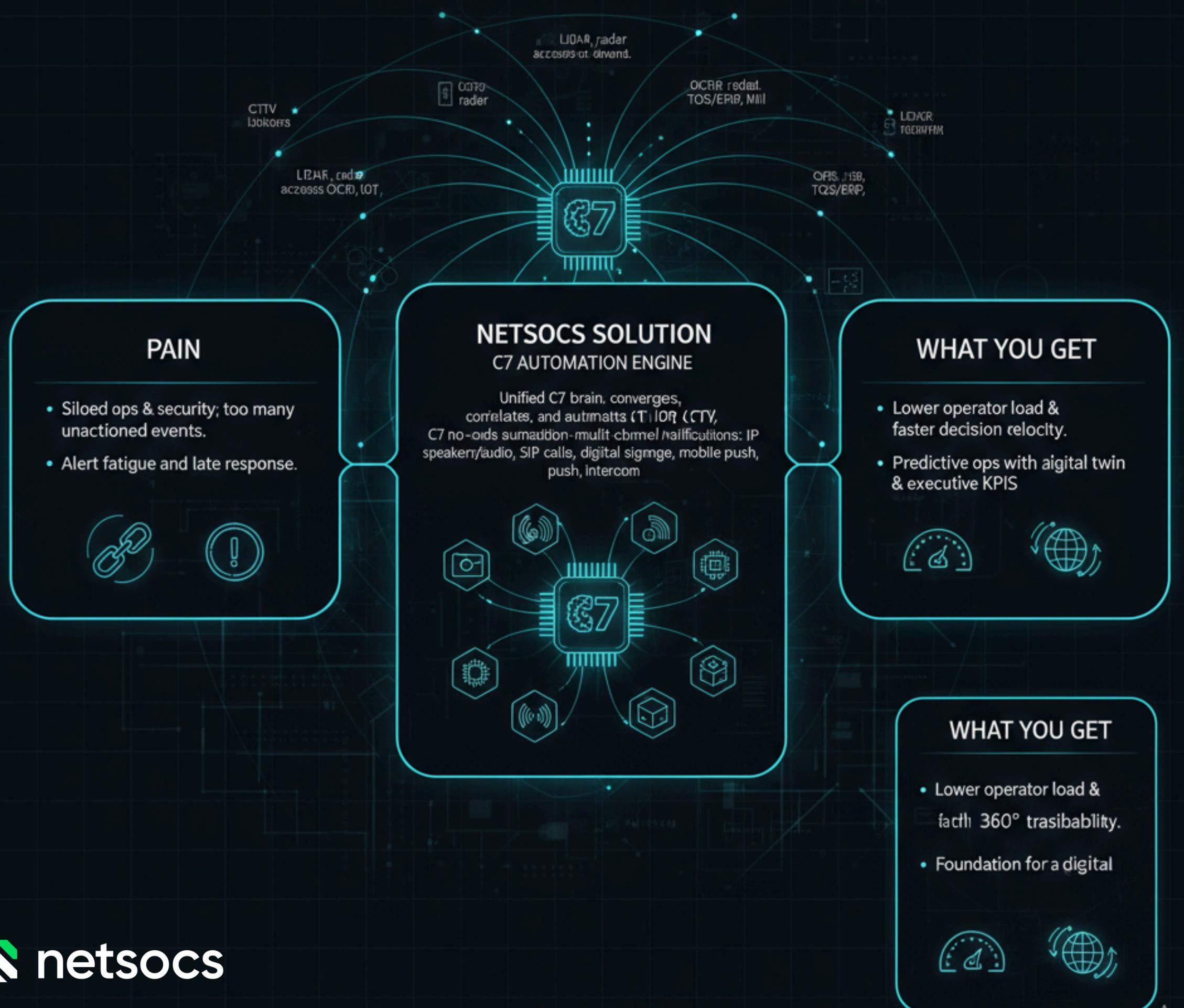
The Result From Silos to an Operational Symphony

From instinct to intelligence. From reacting to predicting. That's a Cognitive Port. That's Netsocs.



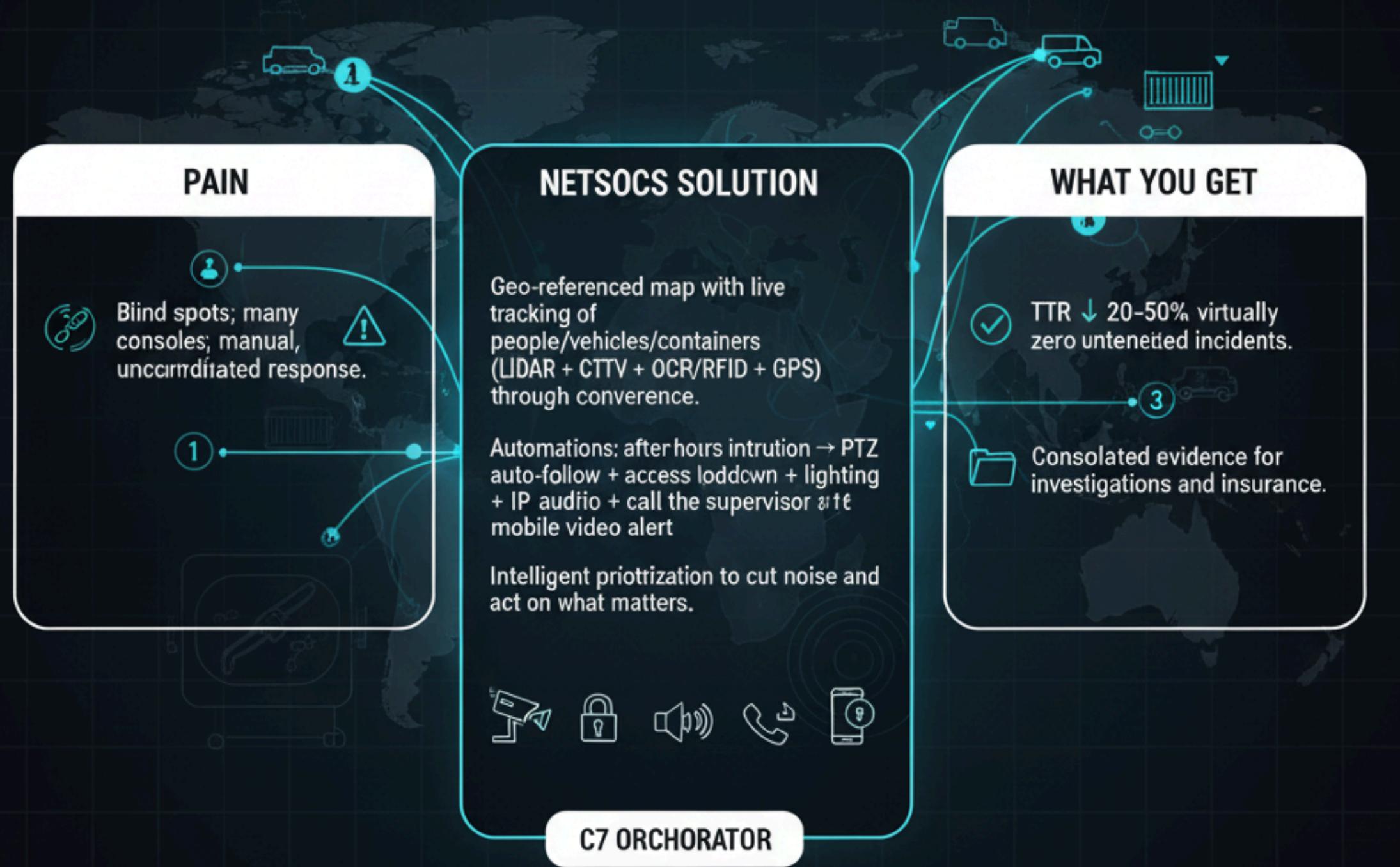
# COGNITIVE PORT WITH NETSOCS: THE VISION

CONVERGENCE • CORRELATION • AUTOMATION (C7)



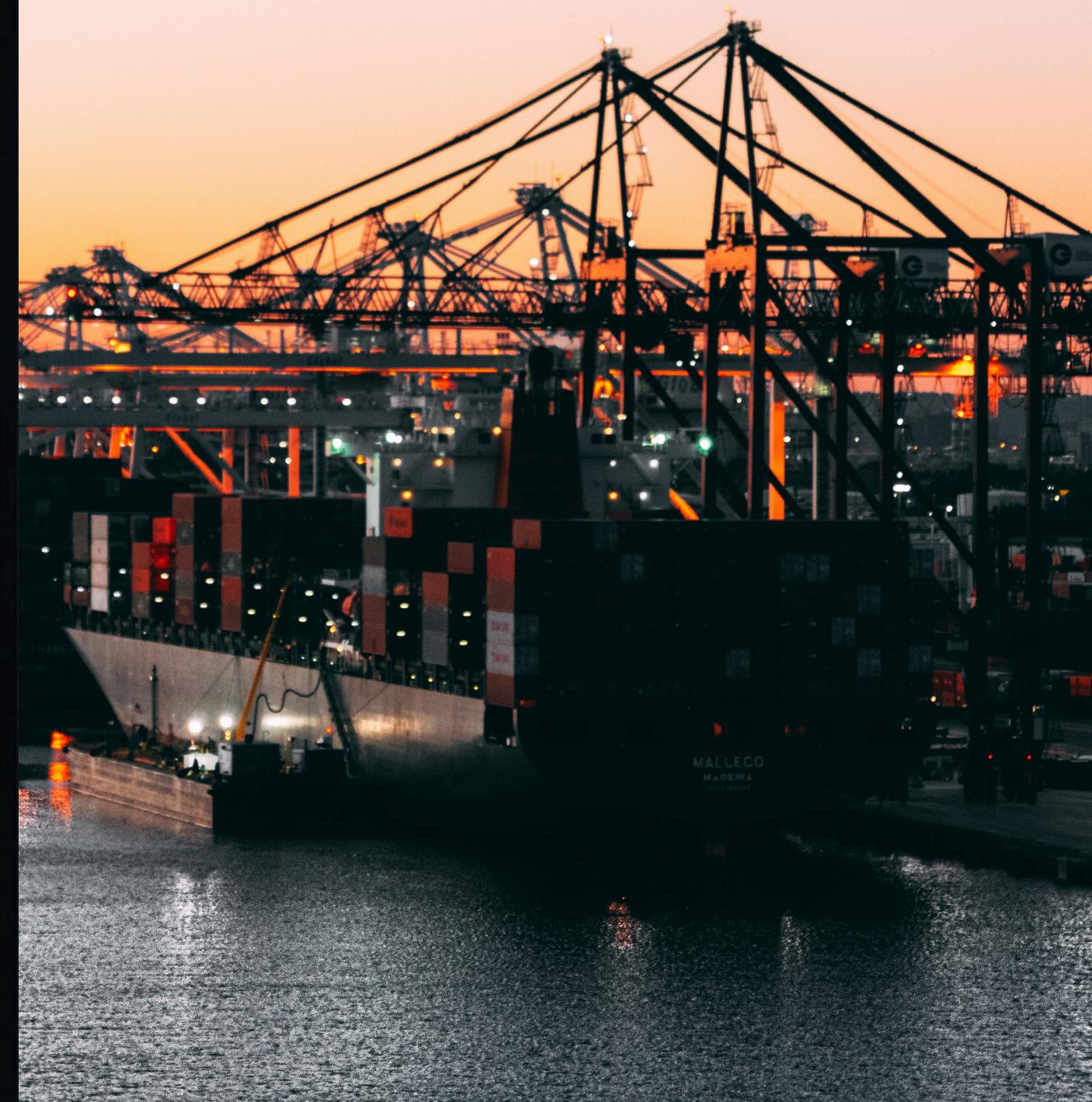
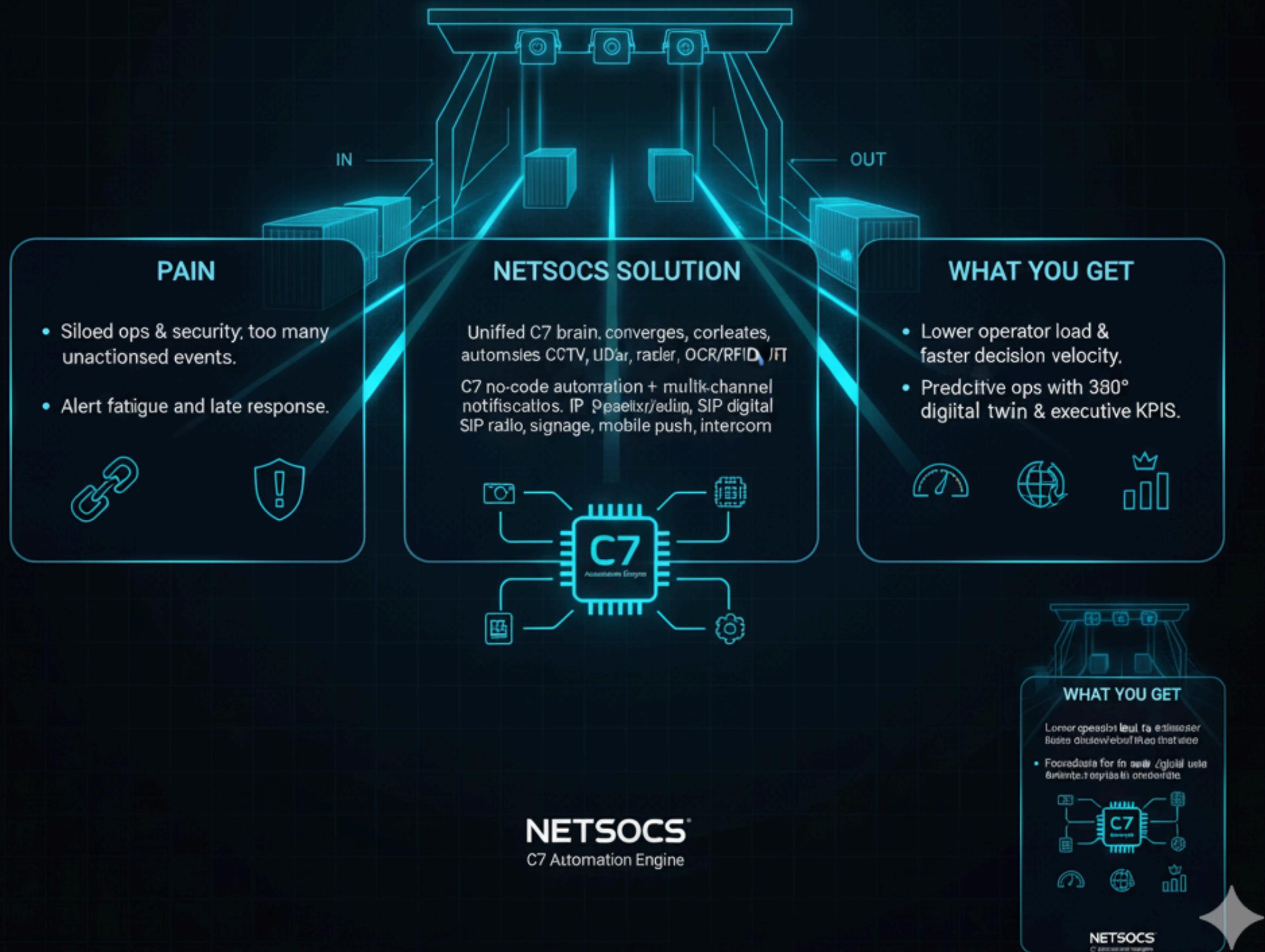
# C2 SECURITY: SITUATIONAL AWARENESS ORCHESTRATED RESPONSE

CONVERGENCE • GEOSPATIAL AWARENESS • AUTOMATION



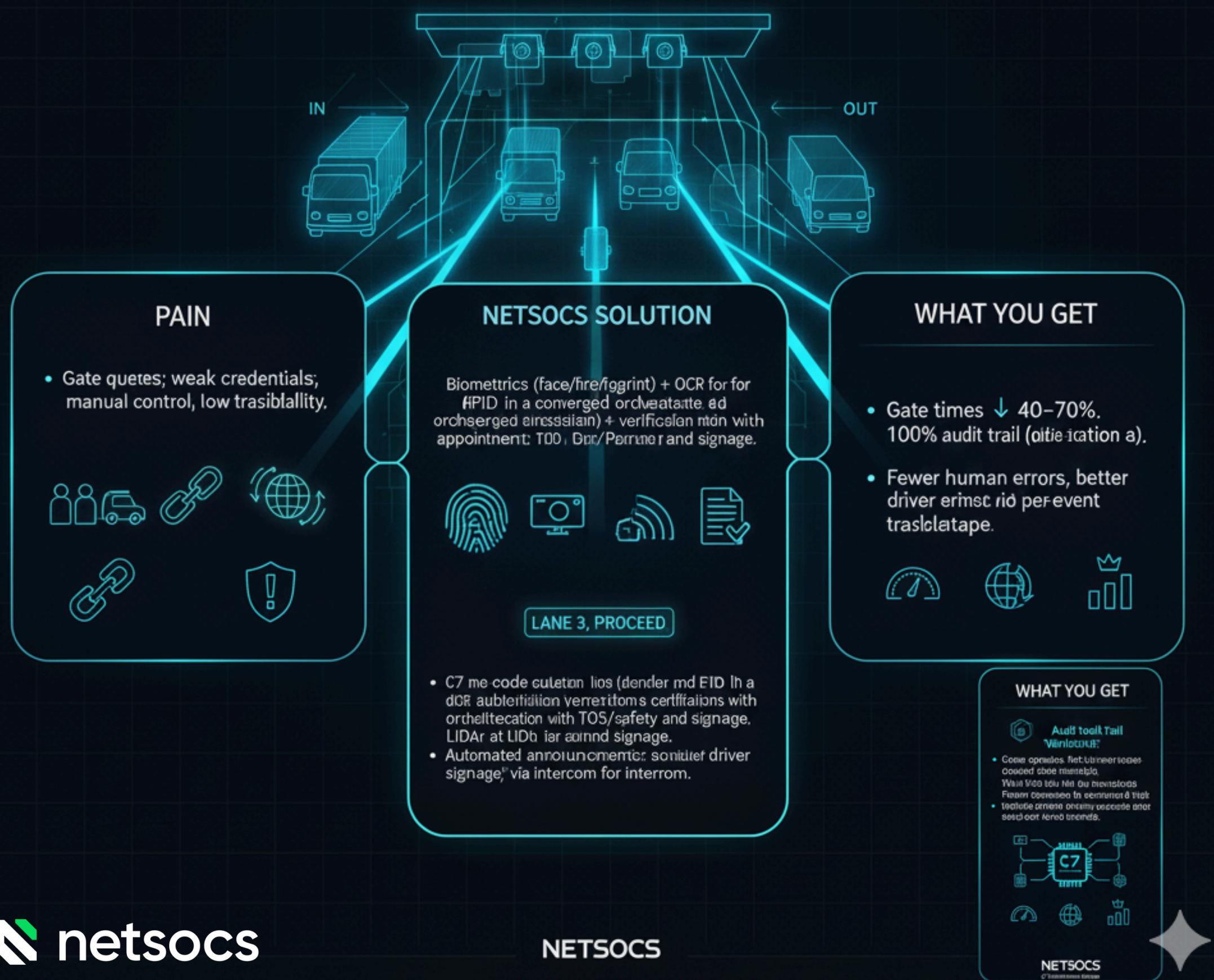
# CARGO INTEGRITY: TRACIBILITY + AUTOMATIC DAMAGE (GATE-IN/GATE-OUT)

TRACEABILITY • VISION AI • AUTOMATION



# FRICTIONLESS ACCESS: PEOPLE & VEHICLES (Validated Against TOS/ERP)

TRACEABILITY • CONVERGENCE • GEOFENCED • AUTOMATION



# INDUSTRIAL SAFETY (EHS): PREVENTING INCIDENTS & NEAR-MISSES

3D LIDAR • AI ANALYTICS • AUTOMATION



# Executive KPIs (Metrics Only)

Signal-First • C7 Dashboard • Readable at a Glance

## Security

- TTR; unevented incidents; intrusion rate; false; near-misses; collisions avoided.

## Gates/Traffic

- gate times; per-lane throughput; truck dwell route deviations; lane occupancy

## Containers

- end-end custody; yard dwell shocks/temperature events; % of disputes; time-to-resolution

## Operations

- vessel turnaround; crane utilization; window adherence MTBF/MTTR

## Compliance

- one-click reports (ISPS/C-TPAT); audits closed findings resolved

## Finance

- cost/TEU; insurance premiums; damage losses operator hours saved



# Continuous Compliance & NII by Convergence (with Damage & Custody)

Convergence • NII • One-Click Audits



## Pain

- Manual audits; scattered reports; NII as a silo; run-to-failure for hire maintenance.



## Netsocs Solution

One-click reports (ISPS, C-TPAT) from the convergence layer.

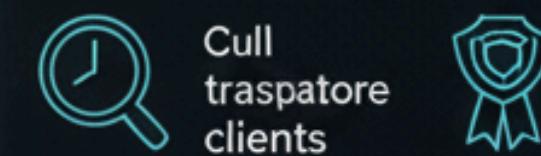
NII (X-ray/y) converged into – container's digital file with auttoms call customs + IP radio to team + CMMS ticket.



## What You Get

Downtime ↓ 20-40% audit ↓ 70-90% fewer fines.

Full transparency with regulators and clients.



Competitiive advantage via real-time compliance.



# From Fragmented Port to Cognitive Port 360°

Netsocs serves as a single operational brain converging systems, automating responses, and delivering 360° traceability for people, vehicles, and containers.

The result less manual load, faster decisions, and measurable KPIs (TTR, gate times, disputes, downtime, compliance) that elevate safety and efficiency.

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