Linox AI -Real Time Vision Operational Intelligence

Transform existing CCTV into a real-time operational engine. Bridge the gap between physical reality and delayed system data.

Area Utilisation

84%

▲ 4% vs last shift

Avg Cycle Time

12.4m

▼ 1.2m improved

Queue Time (Bay B)

18.5m

▲ 5.1m bottleneck warning

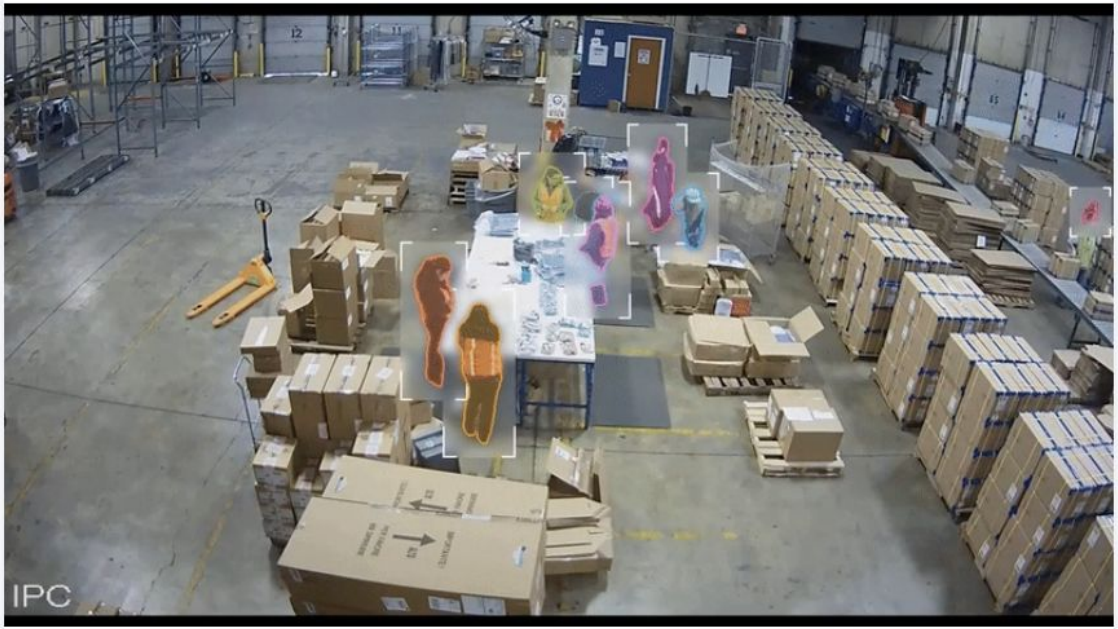
Safety Exceedances

1

► 0 since 08:00

Live Process Visibility

Flow Tracking | People Tracking



Operational Insights

Bottleneck Detected 14 mins ago

Asset accumulation at Loading Bay B exceeding standard SLA threshold of 15 minutes.

Inspect Zone Feed

Workflow Improvement 1 hr ago

Cycle time for Assembly line improved by 12% following scheduled shift rotation.

Acknowledge

Utilisation Pattern 2 hrs ago

Zone C remaining heavily underutilized (12%) for third consecutive shift.

View Heatmap Trend

The Problem

Today: System Lag

- ERP and WMS report on delayed operational data
- Metrics are based on manual inputs and lag reality
- Failures and slowdowns are noticed only after the damage is done

Vision AI: Real-Time Truth

- Direct visual intelligence captures operations as they happen
- Immediate exposure of anomalies, shifts in throughput, and actual cycle times
- Reveals the truth that raw transaction numbers alone cannot

Use Cases

Total operational awareness, without the manual effort.

TIER 1

Operational Intelligence

Operational Visibility

Real-time understanding of activity floor-wide.

→ PRIMARY VALUE

Flow Awareness

Tracking the movement of objects and people.

→ BOTTLENECK PREVENTION

Process Health

Cycle times and shift throughput metrics.

→ CONSTANT MEASUREMENT

Use Cases

TIER 2

Safety and Compliance

Proximity Monitoring

Pedestrian-vehicle interaction alerts in real-time.

→ AUTOMATED WARNINGS

PPE Compliance

Constant observation without manual checks.

→ 100% COVERAGE

Safety Actions

Capturing observation events autonomously.

→ FULL AUDIT TRAIL

Use Cases

TIER 3

Low-value detection tasks

📦

Misplaced Equipment

Automated object out-of-position tracking.

→ QUICK RECOVERY

🔍

Stray Objects

Recognizing unrecognized foreign items.

→ CLEAN ENVIRONMENT

🚧

Congestion

Flow irregularities in low-priority zones.

→ CLEAR PATHWAYS

How It Works

Camera to insight in minutes

01

Connect

Plug into existing CCTV. Any camera, any make. No new hardware.

02

Learn

The AI observes your space. Builds a behavioural baseline. Autonomously.

03

Detect

Anomalies, slowdowns, failures — surfaced in real-time, before they escalate.

What Makes Us Different

Autonomous Behavioural Learning

No rules. No thresholds. The AI learns your specific facility's operations — dwell times, flow patterns, density levels — then flags operational deviations automatically. Zero configuration.

Intelligent Alerting

When a bottleneck forms or a process fails, the AI calls the right operator — explains what's happening, answers questions, and sends a parallel email. Floor staff don't check dashboards. They answer the phone.

No Training Data Required

Zero data labelling. Zero training time. Simply define the operational events that matter, and the system tracks them instantly using any existing camera.

100%

Visibility into unscanned operations

< 5 min

Alert latency for bottlenecks

Zero

Training data required

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