



Aryavart Controls

Next Level Premises Intelligence

CCTV + **Aryavart** = Safety, Compliance, Productivity

The Industry's Most Overlooked Asset

90% of Factory Surveillance Data Goes to Waste

Across India's industrial landscape, thousands of CCTV cameras silently record every second of activity but over **90% of this footage** is never **watched, analyzed, or acted upon**.

What's worse, the footage is often reviewed **only after something has gone wrong** as an accident, a theft or a missed shipment. Until then, your cameras are **expensive spectators**.

Despite heavy investment in surveillance infrastructure, most factories continue to face:

- **Repeated safety violations** (PPE, SOP, unauthorized access)
- **Operational bottlenecks** (idle machines, delayed dispatch, loitering labor)
- **Security blind spots** (pilferage, perimeter breach, material mishandling)

The result?



High compliance
risk



Slow reaction to
problems



millions in
operational losses



Meet

Aryavart Controls

Industrial-grade AI platform that transforms conventional CCTV systems into real-time intelligence engines for **operations, safety, and security**. It integrates directly with your existing camera infrastructure to deliver **continuous monitoring, instant alerts and audit ready visual reports**.

In environments where every second counts, Aryavart replaces blind surveillance with **automated oversight**. It captures events as they **unfold, flags anomalies** the moment they occur, and enables plant heads, safety officers, and CXOs to **act proactively and not retrospectively**. Aryavart doesn't just watch your facility; **it understands it, learns from it, and helps you control it**.



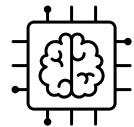
Leverages Existing Infrastructure



Built for Scale & Complexity



Audit-Ready Visual Traceability



Real-Time, Contextual Intelligence



Critical Moments, Instantly Made Visible

AI-driven video intelligence reveals critical operational, safety, and compliance risks in real time enabling swift, informed action where it matters most



PPE Violations at 11:02 AM

Real-time detection of safety equipment compliance



Worker on Mobile in zone 2

Identify who is on the phone in critical areas and for how long



Attendance marked

Monitor staff entry, exit, and zone-level presence using face and movement-based tracking



Output & Loading Tracking

Track real-time cargo handling, material flow, and dispatch timing



Idle machinery

Detect and reduce machine downtime across shifts to boost productivity



Unauthorised access in office

Spot unauthorized entries in restricted zones like chemical areas, control panels or pump rooms



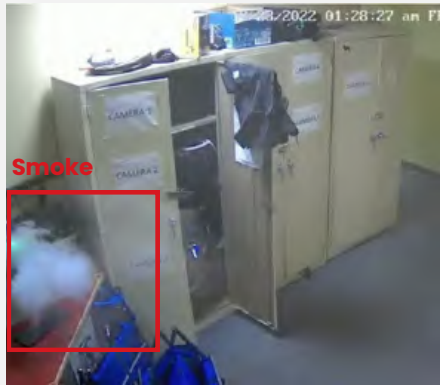
Critical Moments, Instantly Made Visible

AI-driven video intelligence reveals critical operational, safety, and compliance risks in real time enabling swift, informed action where it matters most



Fire & Smoke Alerts

Instant fire hazard detection and emergency alerts



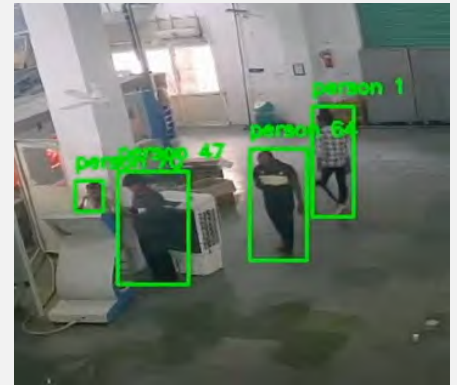
Inactive/sleep detected

Identify workers showing signs of inactivity/disengagement



Loitering Detection

Uncover unproductive behavior before it escalates into inefficiency or incident.



Preventing Height-Level Hazards

Enforce safety gear, track on-site movement, identifies workers & minimize risks and prevent thefts



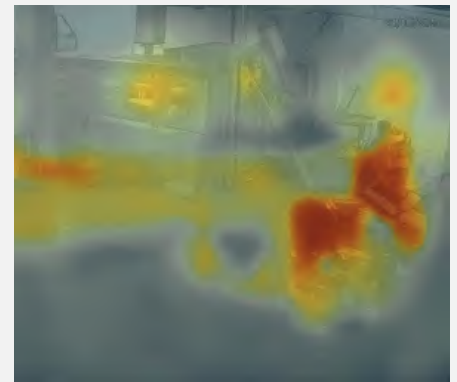
Cleanliness Monitoring

Detect unattended spills, waste, or mess to maintain hygiene and safety standards



Heatmap Analytics

Unlock movement intelligence to improve zone layouts, reduce congestion, and boost productivity



Operational Intelligence

In industrial operations, inefficiencies carry a **dual cost**. Idle machinery leads to **revenue loss**, while mismanaged manpower drives up **operating expenses**.

Poor visibility and idle time account for up to **20–30% productivity loss** in Indian manufacturing.

Aryavart transforms passive CCTV into a live operational intelligence layer that **brings precision, speed, and control back to the production floor**.



Idle Machinery Monitoring

Detect and reduce machine downtime across shifts to boost productivity



Shift & Attendance Tracking

Monitor staff entry, exit, and zone-level presence using face and movement-based tracking



Mobile & Sleep Detection

Detect disengagement, phone use, inactivity to maintain discipline & reduce safety risk



Output & Loading Tracking

Track real-time cargo handling, material flow, and dispatch timing



Heatmap Analytics

Visualize worker movement patterns to optimize floor layout and manpower allocation

Security & Loss Prevention

Most industrial losses don't stem from large breaches, but from **missed moments subtle lapses** that escalate unnoticed. Internal theft and unmonitored access contribute to over **30% of material losses** in manufacturing.

Aryavart moves security from **review to prevention**. By intercepting risks before they become incidents, it helps organizations **protect assets, uphold accountability, and maintain business continuity**.



Unauthorised access

Spot unauthorized entries in restricted zones like chemical areas, control panels, or pump rooms



Theft & Pilferage Monitoring

Detect suspicious stock movement, fake dispatches, or unauthorized access to material storage



Perimeter Breach Alerts

Monitor outer boundaries and fencing for breaches, tampering, or loitering



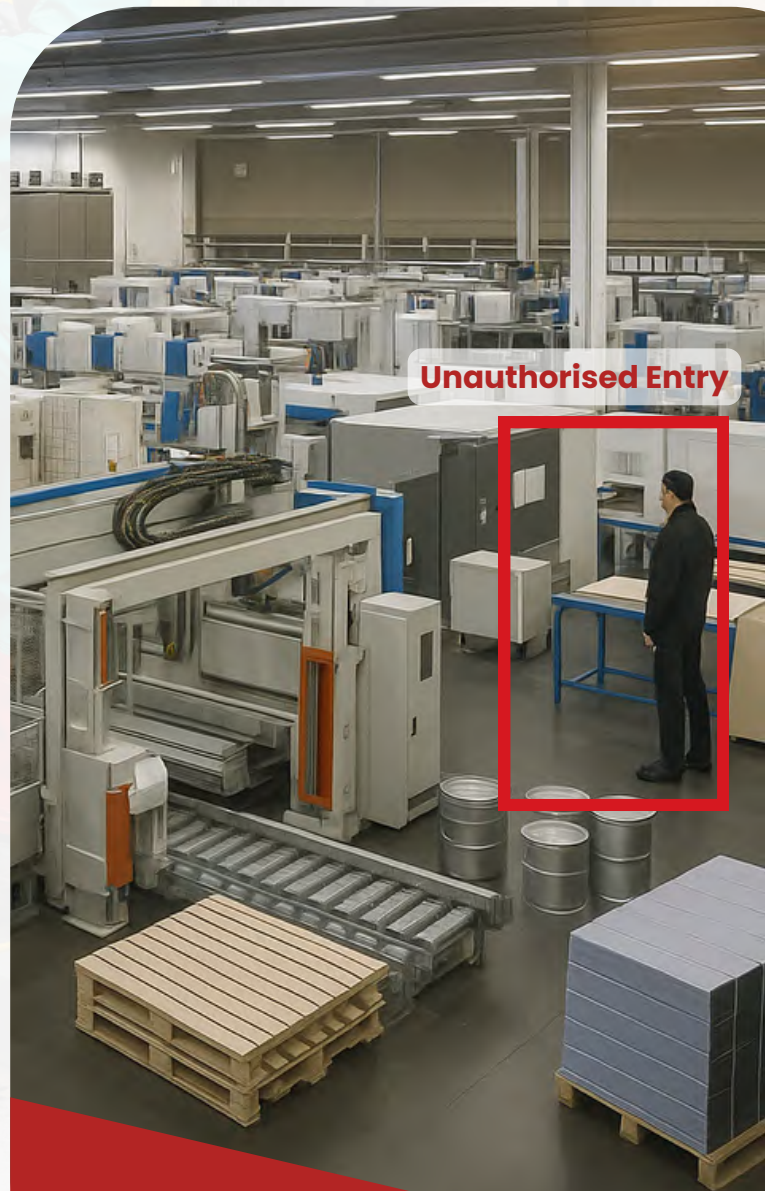
Blocked Pathways & Safety Route

Get alerted when emergency exits or high-traffic walkways are blocked, risking safety



Unsafe Equipment Handling

Detect improper or unsupervised use of heavy or hazardous equipment that could lead to accidents



Compliance & Safety Monitoring

In high-risk industrial environments, even **brief lapses** in compliance can result in **serious incidents, legal exposure and long-term operational disruption**. Nearly **70% of safety violations** are caught only after incidents, a result of delayed audits and periodic checks that come too late.

Maintaining a safe and compliant workplace requires consistent, real-time visibility into daily operations. Without it, organizations risk turning a systemic blind spot into a source of liability.



PPE violation monitoring

Real-time detection of safety equipment compliance



Fire & Smoke Alerts

Instant fire hazard detection and emergency alerts



SOP Compliance Tracking

Identifies unsafe workflows, shortcuts, or bypassed steps across production zones



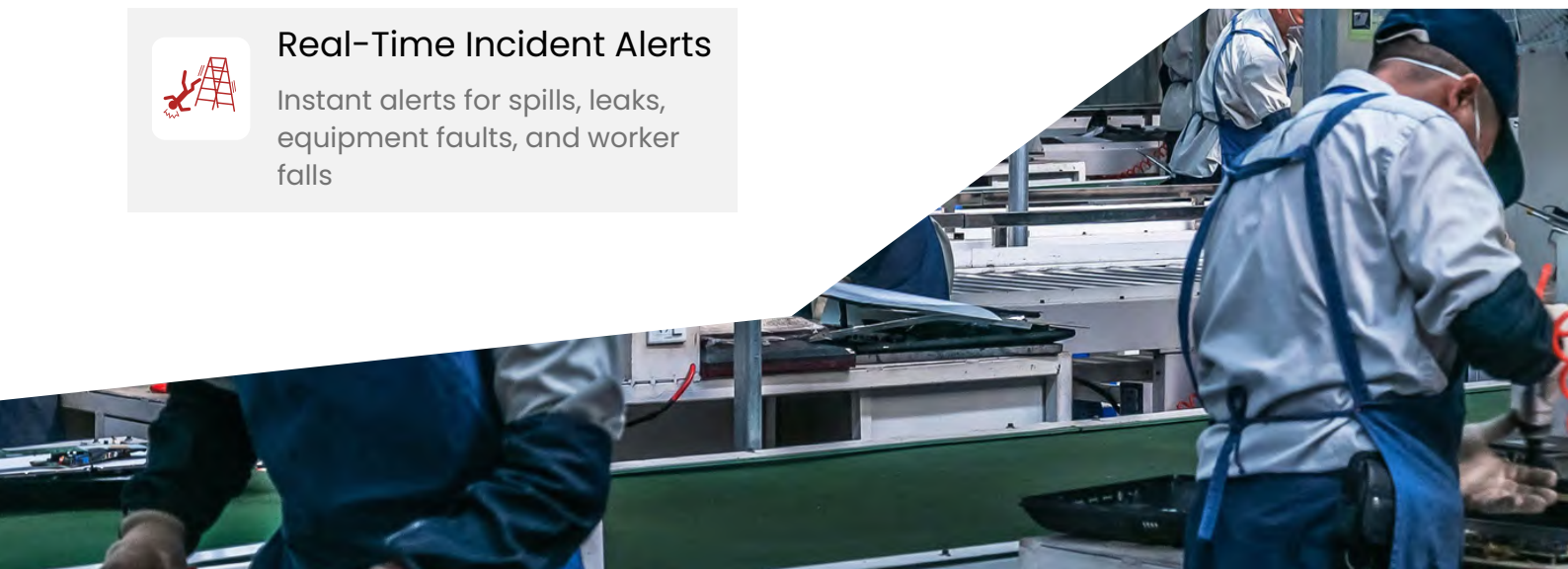
Cleanliness Monitoring

Hygiene and cleanliness compliance tracking



Real-Time Incident Alerts

Instant alerts for spills, leaks, equipment faults, and worker falls



The Fastest Way to
Activate Intelligence
from Your Cameras



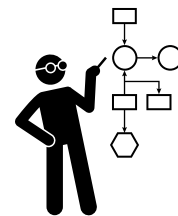
Connect

A simple plug-in device activates
AI on your current CCTV, no
rewiring, no disruption



Detect

AI monitors feeds in real time to
identify incidents across
operations, compliance & security



Structure

Each event is auto-logged
with time, location, snapshot,
and bucketed by type



Report & Act

Get instant alerts and daily
visual reports, so you respond
faster and stay in control

Hard helmet detected



Delivering proven, quantifiable benefits with AI today

Whatever your production goals are, We will help you achieve them



Management



Increase overall operational efficiency



Reduce safety risks on production lines



Increase return on fixed assets



Standardize continuous improvement

Operations and Security team



Gain 24/7 transparency on production



Reduce reaction time to problems



Lower equipment-related safety risks



Take more preventive action

Maintenance and Compliance Team



Quickly identify at-risk equipment



Troubleshoot faults faster

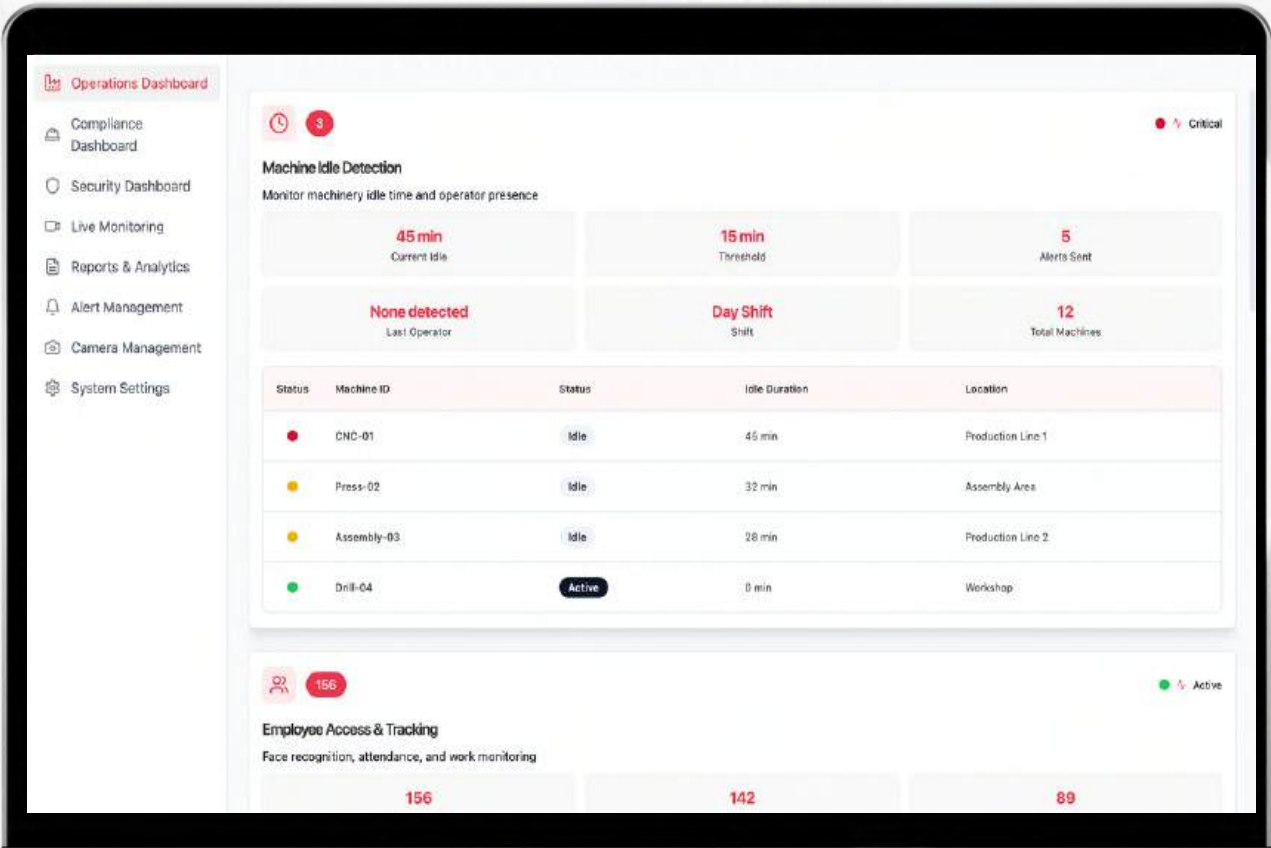


Extend visibility to legacy assets



Reduce manual supervision & reporting

Unified Command Dashboard



Easy to Understand



Fast Navigation



Clear Visual Reports



Quick Incident Visibility



Simple Search & Filter



Effortless Multi-Site Control



Clean, Intuitive Interface



Real-Time Clarity

WHY WE WIN

What Actually Matters	Traditional CCTV	IoT Camera Systems	Aryavrat Controls
Can I use my existing cameras ?			
AI trained on industrial footage			
Generates auto audit reports			
Scalable across sites, cost-efficient			
Customizable by site, zone, and shift			
Supports unmanned night shift monitoring			
Unified view across operations, safety & security			
Turns footage into actionable KPIs			
Delivers strategic recommendations			
Built for plant heads , not surveillance rooms			
Monitors workforce productivity without manual supervision			
Reduces downtime through early anomaly detection			

Other Industries We Power

Oil & Gas



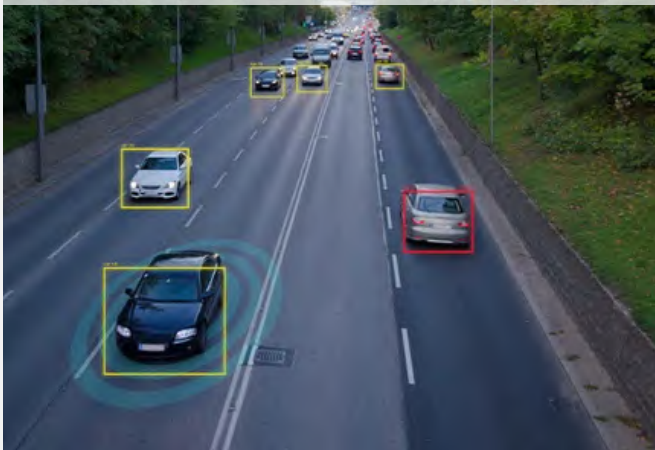
Detect safety violations, monitor hazardous zones, and ensure SOP compliance in the most remote sites

BFSI



Prevent cash-handling errors, secure vaults, and flag suspicious activity with automated incident audit logs

Smart city



Track public safety, detect traffic violations, trace incidents & streamline enforcement

Construction



Enforce safety gear, track on-site movement, identifies workers & minimize risks and prevent thefts

To schedule a consultation,
contact our team today!

+91-7433833866
+91-9724648038

Other Industries We Power

Transportation



Monitor driver behavior, detect unauthorized activities & audit depot operations across your fleet & facilities.

Healthcare



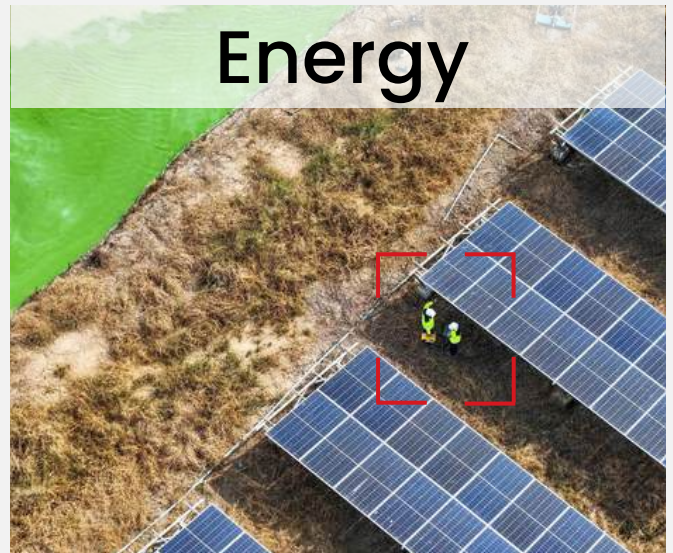
Protect sterile zones, validate protocol adherence, and respond faster to patient-critical incidents

Retail



Control shrinkage, optimize floor operations, and audit staff behavior across all stores from one dashboard

Energy



Gain oversight across plants and renewable setups. Monitor all zones, track violations & ensure audit-ready compliance, even in remote stations

To schedule a consultation,
contact our team today

+91-7433833866
+91-9724648038



Aryavart Controls

Operations. Compliance. Security

To schedule a consultation, please get in touch with our team.

Phone - +91-7433833866 | +91-9724648038

Email - info@aryavartcontrols.com