



Vigilant Vision System
One Stop Solution To All Your Security Needs



VISIONGUARD

EMPLOYEE PRODUCTIVITY TRACKER

Proposal

AI-POWERED WORKFORCE MONITORING WITH REAL-TIME
PRODUCTIVITY, ATTENDANCE, TASK & IDLE TIME ANALYTICS.

COMPLETE VISIBILITY. HIGHER EFFICIENCY. SMARTER WORK
MANAGEMENT—ON ONE INTELLIGENT DASHBOARD..

PRESENTED TO:
DN HOMES

PROPOSAL BY:
VIGILANT VISION SYSTEM PVT LTD

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INTRODUCTION

EXECUTIVE OVERVIEW

Modern organizations demand more than manual supervision and attendance registers—they need intelligent, measurable, and proactive workforce management.

VisionGuard Employee Productivity Tracker

proposes an AI-powered employee monitoring and operational intelligence platform designed to improve workforce efficiency, reduce idle hours, track task discipline, and provide management with real-time visibility into overall employee performance from one centralized system.

Our Promise

Every employee measurable. Every task accountable. Every working hour optimized.

What Problems We Solve

- Unmonitored employee idle time during work hours
- No measurable proof of actual productive working hours
- Attendance present but productivity absent
- Difficulty in tracking department-wise efficiency
- Lack of accountability in office floor operations
- Heavy dependency on supervisors for manual monitoring
- No data-driven performance reports for management

AI EMPLOYEE MONITORING & PRODUCTIVITY INTELLIGENCE



01

Smart Attendance & Presence Monitoring

VisionGuard ensures every employee's attendance is digitally verified with camera-based presence analytics.

- Face/ID based employee verification
- Entry and exit timestamp recording
- Desk presence confirmation
- Late arrival / early exit alerts

02

Live Productivity Tracking Dashboard

A secure, always-updated digital dashboard of:

- Employee active working hours
- Idle sitting / absent from workstation time
- Department-wise utilization reports
- Real-time staff availability

This enables management to know exactly who is working, who is idle, and where efficiency is dropping.

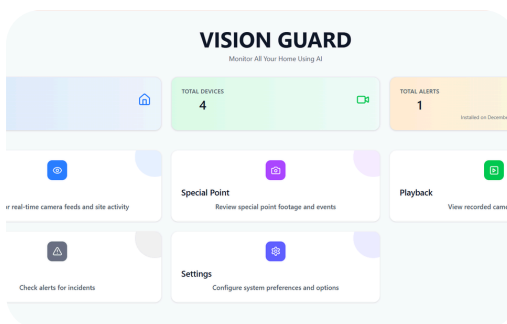
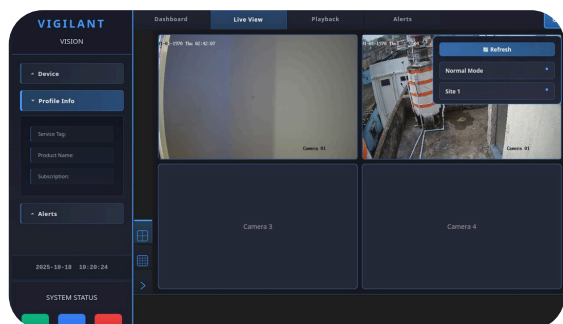
03

AI-Guided Workflow Accountability

The system continuously measures employee movement, workstation occupancy, meeting duration, break duration, and floor discipline, reducing:

- Unproductive idle time
- Supervisor dependency
- Manual checking burden
- Internal workflow delays

COMPLETE WORKFORCE ANALYTICS – BEYOND ATTENDANCE



01

Workstation Productivity Monitoring

AI continuously monitors employee desks and office work zones to detect:

- Seat occupancy duration
- Frequent unnecessary movement
- Long idle sessions
- Workstation abandonment

Instant alerts and productivity logs are generated for management review.

02

Department Efficiency & Idle Loss Detection

- Department-wise active hour comparison
- Team utilization percentage
- Delay pattern identification
- Non-productive hour loss reports
- Shift-wise efficiency calculation

This helps management identify hidden productivity leakage

03

Secure Employee Activity Analytics

- Automatic employee movement logs
- Time-stamped productivity reports
- Floor usage analytics
- Complete visibility across departments and branches

HOW VISIONGUARD PRODUCTIVITY TRACKER WORKS!

Easy Integration with Existing Systems



The platform connects with existing CCTV cameras, employee entry points, office network setups, and HR attendance systems. Where required, compact AI edge devices are added to process video analytics locally. This means no dependence on cloud, no public IP, and minimal hardware changes.

How the System Works

When labourers enter the construction site, AI-powered workforce verification is triggered automatically. Their attendance time, designated work zone, and assigned task location are digitally logged.

Throughout working hours, AI continuously monitors labourer presence, movement across work areas, active task engagement, machinery interaction, material handling, and time spent within allocated construction zones.

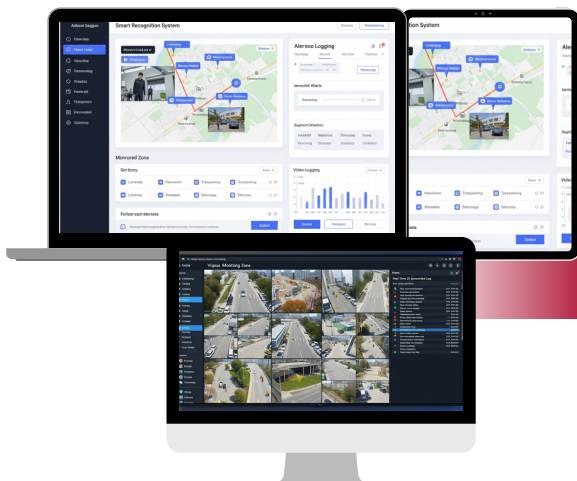
Any unusual inactivity, prolonged idle standing, unauthorized absence from assigned sections, low manpower deployment, safety non-compliance, or reduced zone productivity generates instant reports and real-time management alerts.



Centralized Control

All activities—attendance, productivity score, idle time, active hours, department reports, and live monitoring—are managed from one simple dashboard accessible only to authorized personnel.

The system works silently in the background, improving discipline while increasing measurable operational efficiency.





PROJECT TIMELINE

Day 1 - 2

Site Assessment, Planning & Requirement Mapping

A detailed construction site survey is conducted to identify labour work zones, material storage areas, machinery sections, entry/exit points, and high-risk operational locations. Camera placements, monitoring objectives, attendance checkpoints, and productivity tracking requirements are finalized in alignment with the site's workflow.



Day 3 - 4

AI System Configuration & Camera Integration

The AI-powered labour monitoring platform is configured for workforce attendance verification, active work detection, idle-time monitoring, zone-wise labour tracking, safety compliance observation, and material handling visibility. The software is then integrated with all site cameras, dashboards, and reporting modules to establish a centralized live monitoring system

Day 5 - 6

Live Testing, Calibration & System Activation

Real-time field testing is conducted under actual labour working conditions to calibrate labour presence detection, inactivity alerts, movement tracking, and productivity reporting accuracy. Once optimized, the complete AI monitoring platform is activated across the construction site with live dashboards and instant management notifications.



Day 7

Training, Final Optimization & Project Handover

Site supervisors, project managers, and administrative staff receive hands-on training on attendance logs, workforce productivity reports, idle labour alerts, and management dashboard usage. Final sensitivity adjustments, reporting preferences, and operational fine-tuning are completed before full project handover and support activation.



DETAILED BREAKDOWN OF COSTS

Module Name	Quantity	Price
● 4 MP ip camera	1	3850₹
● Productivity Tracker Per Camera Per Month	1	300₹/Month
● Pro Elite X2 AI Box	1	11999₹
● One Time Installtion & Configuration	1	2000₹
Total	\$3,300	18,149₹

Taxes: 18% Included on above Price

Validity: 10 days from the date of quote

Waranty: OEM Standard



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Thank You

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