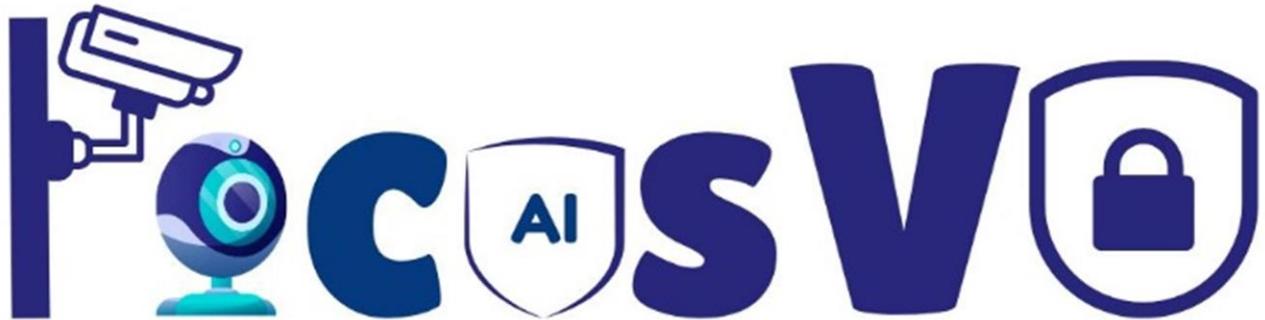


**"The Power of Intelligent Vision"**



**Detect. Decide. Defend, Instantly**



**The Eye of Future Security**

**Mr. Sumiit Katyal**



## FocusVU for Construction Sites (Contractor's Perspective)

### Overview

For contractors managing construction sites, achieving productivity, meeting deadlines, and managing labour efficiently are daily challenges. FocusVU.ai offers a powerful AI-based surveillance solution designed specifically to optimize field performance, enhance workforce discipline, and reduce delays—helping contractors meet their deliverables with better control and visibility.

### 1. WORKER ATTENDANCE & ACTIVITY MONITORING

#### Problem Statement

- Inaccurate labour attendance records and fake shift claims
- Reduced productivity due to unsupervised idle time

#### AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Site Entry Points	3	Face Recognition, Time-Stamped Entry/Exit Logs
Common Work Zones	4	Heatmaps, Activity Tracking, Idle Time Alerts
Rest Areas	2	Overstay Monitoring, Schedule Violation Detection

#### Advantages

- Automates labour attendance verification
- Tracks task assignments and output zones
- Helps ensure labour contractors deliver committed output

### **ROI & Contractor Savings**

- Reduces wage overpayment by 15–20%
- Increases site productivity by 10–15%
- Saves ₹3–6 lakhs/month on large sites via labour discipline

## **2. MATERIAL HANDLING & MOVEMENT TRACKING**

### **Problem Statement**

- Unauthorized material usage or spillage not recorded
- Delays in material movement between zones

### **AI-Powered Solution Table**

<b>Area</b>	<b>No. of Cameras</b>	<b>Key AI Features</b>
<b>Loading Zones</b>	3	Object Movement Detection, Timestamped Handling Logs
<b>Transport Paths</b>	2	Route Time Calculation, Obstruction Detection
<b>Storage Bins</b>	2	Entry Monitoring, Unauthorized Removal Alerts

### **Advantages**

- Tracks material usage against BoQ and timeline
- Identifies handling delays by specific zones or teams
- Reduces wastage and theft of consumables

### **ROI & Operational Efficiency**

- Reduces material loss by ₹2–4 lakhs/month
- Improves coordination between teams
- Enhances vendor accountability for logistics delays

## **3. TASK COMPLETION VISIBILITY & STAGE VALIDATION**

### **Problem Statement**

- No real-time method to verify progress stage vs contractor claims
- Delayed reporting from site engineers or supervisors

### AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Task Zones	5	Time-Lapse Capture, Daily Output Mapping
Finishing Areas	2	Visual Milestone Recording, Image Verification
Contractor Office Feed	1	Project Overview Dashboard, Comparison with Timeline

### Advantages

- Video proof of actual vs reported status
- Validates contractor claims before billing
- Accelerates billing cycle with digital proof

### ROI & Delivery Impact

- Reduces billing disputes by 80%
- ₹5–10 lakhs saved per project in rework and claims
- Speeds up milestone-based payments

## **4. SAFETY & INCIDENT MANAGEMENT**

### Problem Statement

- Lack of monitoring for unsafe behaviours or PPE non-compliance
- No real-time visibility into incidents or violations

### AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Work-at-Height Zones	3	Helmet/Harness Detection, Fall Alerts
Hot Work Areas	2	Fire/Smoke Detection, Access Control Monitoring
Emergency Access	1	Panic Gesture Detection, Real-Time Alert Dashboard

### Advantages

- Ensures compliance with safety protocols
- Reduces accident liabilities and penalties
- Improves contractor image with builder and clients

### **ROI & Risk Mitigation**

- Prevents loss of ₹5–10 lakhs in safety violations
- Supports safety certifications and audit reports
- Enhances trust from project owners

### **FocusVU.ai Contractor-Specific Benefits**

- Ensures verified work delivery through AI-monitored proof
- Reduces dependency on manual site reporting and supervisors
- Improves resource utilization and labour discipline
- Validates bills, reduces payment delays, and improves cash flow
- Enhances reputation with clients by showcasing accountability

### **Conclusion**

FocusVU.ai offers construction contractors a smart layer of visibility, discipline, and control empowering them to deliver quality output, on time, and with greater profitability. With real-time insights into labour, material, safety, and progress, FocusVU.ai helps transform traditional site management into a data-driven advantage.

Book a pilot or speak to our team today at: [www.FocusVU.ai](http://www.FocusVU.ai)