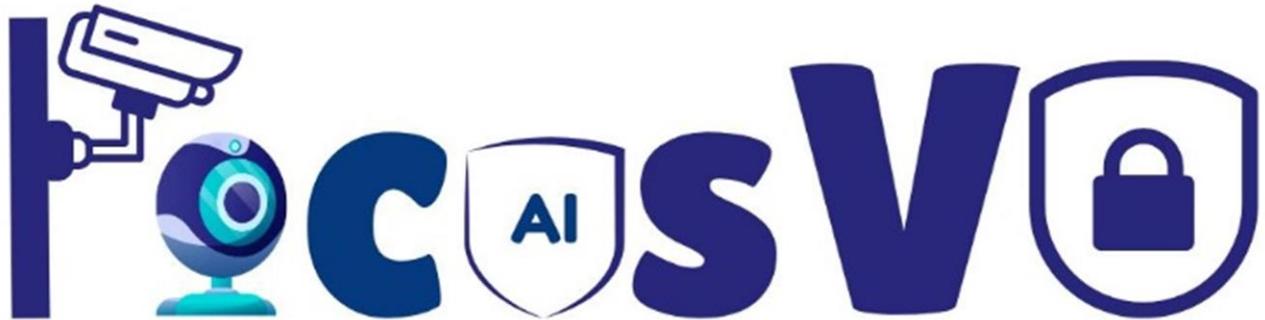


"The Power of Intelligent Vision"



Detect. Decide. Defend, Instantly



The Eye of Future Security

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FocusVU for Hospitals & Medical Facilities

Overview

Hospitals and medical facilities are sensitive, high-pressure environments where timely response, staff efficiency, hygiene compliance, and patient safety are paramount. FocusVU.ai provides AI-powered surveillance systems that go beyond traditional CCTV to ensure accountability, optimize resource utilization, reduce dependency on manual monitoring, and enforce critical protocols such as PPE compliance and emergency readiness.

1. STAFF MONITORING & WORKFLOW OPTIMIZATION

Problem Statement

- Difficulty in monitoring staff movement, idle time, and SOP adherence in high-traffic departments like emergency, ICU, and pharmacy.
- Delays in patient response time or service delivery.

AI-Powered Solution Table

Department	No. of Cameras	AI Features
Emergency Ward	4	Time-on-Task Tracking, Activity Heatmaps, Shift Logs
Pharmacy & Pathology	3	Idle Time Detection, Workflow Efficiency Mapping
Nurse Stations	2	Staff Movement Analytics, Behavior Monitoring

Advantages

- Tracks critical delays in patient handling and medication delivery
- Enhances accountability and shift utilization
- Reduces inter-departmental conflicts regarding response timelines

ROI & Benefits

- Reduces staffing inefficiencies by 20–30%
- Saves ₹5–10 lakhs annually in operational overheads
- Improves patient satisfaction and response rating scores

2. PPE COMPLIANCE & HYGIENE ENFORCEMENT

Problem Statement

- Infection control compromised due to improper PPE usage in ICUs and operation theaters
- Manual monitoring unreliable for large or multiple wards

AI-Powered Solution Table

Zone	No. of Cameras	AI Features
ICU / Isolation Wards	4	PPE Detection (masks, gloves, gowns, caps)
OT Entry Zones	2	Pre-entry Compliance Check, Alert for Breaches
Waste Disposal Areas	2	PPE Removal Detection, Zone Violation Alerts

Advantages

- Enforces hygiene protocols in real-time
- Reduces HAIs (Hospital Acquired Infections)
- Provides audit trail for inspections and certifications

ROI & Health Impact

- Prevents ₹10–15 lakhs/year in infection control failures
- Strengthens NABH/ISO compliance readiness
- Reduces patient risk and associated legal liabilities

3. EMERGENCY MANAGEMENT & RAPID RESPONSE

Problem Statement

- Lack of alerting mechanism for collapsed patients, fights, or security breaches
- Delay in code blue or trauma response due to unmonitored zones

AI-Powered Solution Table

Location	No. of Cameras	AI Features
Emergency Bay	3	Fall Detection, Aggression Recognition
Waiting Lobby	2	Loitering Detection, Panic Gesture Alerts
Hospital Entry Gates	2	Weapon Detection, Blacklisted Face Recognition

Advantages

- Provides instant alert to central console or security staff
- Enhances hospital preparedness for high-risk or mass casualty events
- Decreases response time for emergencies and violent behavior

ROI & Safety Impact

- Saves potential legal claims up to ₹25 lakhs/year
- Ensures 24/7 readiness with minimal manual intervention
- Empowers disaster management SOP with visual logs

4. PATIENT SAFETY & PRIVACY ZONES

Problem Statement

- Vulnerable patient zones (pediatrics, elderly, psychiatric) at risk for unnoticed incidents
- Need to balance security with patient privacy and dignity

AI-Powered Solution Table

Area	No. of Cameras	AI Features
Pediatric Wards	2	Boundary Violation Alerts, Sleep Movement Logs
Psychiatric Observation	2	Aggression Detection, Staff Call Support Alerts
Elder Care Units	2	Fall Detection, Entry/Exit Time Stamps

Advantages

- Monitors vulnerable groups with ethical AI (no facial storage)
- Enhances care quality and protects hospital from negligence cases

ROI & Ethical Compliance

- Reduces manual oversight costs by ₹3–5 lakhs annually
- Improves caregiver-to-patient ratios through smart visibility

5. ASSET TRACKING & CRITICAL AREA SECURITY

Problem Statement

- Medical equipment theft or unauthorized movement
- Sensitive areas like blood banks and drug stores require stricter access control

AI-Powered Solution Table

Zone	No. of Cameras	AI Features
Biomedical Equipment Rooms	2	Object Movement, Door Access Logs
Drug Storage Areas	2	Time-Based Access Alerts, Facial Verification
Blood Bank / Lab Zones	2	Entry Monitoring, Tampering Alerts

Advantages

- Prevents misuse or pilferage of high-value assets
- Enhances SOP implementation and audit readiness

ROI & Security Gains

- Saves ₹7–12 lakhs/year in equipment loss
- Reduces insurance premiums and security overhead

FocusVU.ai Highlights for Healthcare

- 24/7 Real-time AI surveillance with hospital-grade privacy filters
- Smart alerting system integrated with nurse stations or emergency buttons
- Edge-to-cloud hybrid system for uninterrupted monitoring and data privacy
- Reporting dashboards for administrators, QA teams, and regulatory bodies

Conclusion

FocusVU.ai transforms hospital CCTV from passive monitoring into an intelligent, responsive, and compliant system that enhances care delivery, operational efficiency, and institutional safety. Designed with privacy, hygiene, and urgency in mind, our AI platform is ready to support the next-generation smart hospital ecosystem.

Request a personalized hospital pilot or technical demo at: www.FocusVU.ai