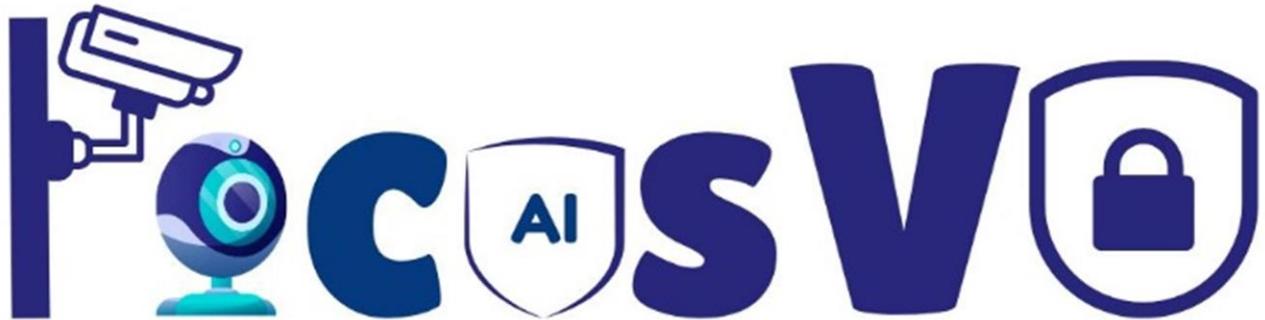


"The Power of Intelligent Vision"



Detect. Decide. Defend, Instantly



The Eye of Future Security

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FocusVU for Data Centres & Server Rooms

Overview

Data centers and server room facilities are the nerve centers of any enterprise or government operation. These environments require precision-controlled access, environmental safety, and 24/7 security monitoring. FocusVU.ai delivers AI-integrated CCTV surveillance tailored to the sensitive nature of data and IT infrastructure—reducing human error, enabling predictive alerts, and ensuring compliance with global security standards.

1. DATA CENTER FLOOR & SERVER RACK AREAS

Problem Statement

- Unauthorized personnel access to high-security zones
- Risk of overheating, fire, or physical damage to critical racks
- No record of human activity near sensitive hardware

AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Rack Corridors	6	Unauthorized Access Alert, PPE Compliance Detection
Aisle Zones	4	Motion Tracking, Time-Spent Monitoring
Ceiling/Racks	2	Fire/Smoke Detection, Tampering Alerts

Advantages

- Restricts access to pre-authorized personnel only
- Detects and alerts for unusual activity or extended presence
- Reduces risk of physical sabotage or human-induced damage

ROI & Financial Benefits

- Minimizes hardware failure due to environmental threats
- Prevents unauthorized access downtime worth ₹10–15 lakhs/year
- Optimizes manpower cost for surveillance by 60%

2. NETWORK OPERATION CENTERS (NOC) / CONTROL ROOMS

Problem Statement

- No smart monitoring of operator behaviour or adherence to protocols
- Lack of centralized alert escalation mechanisms

AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Operator Desks	3	Sleep Detection, Inactivity Alert, Panic Gesture
Access Door	2	Biometric-Face Match, Entry Log Integration
Equipment Panels	2	Tamper Detection, Thermal Imaging

Advantages

- Improves accountability and productivity of operators
- Prevents tampering and ensures secure access to critical consoles
- Monitors protocol deviations in real time

ROI & Financial Benefits

- Reduces manual supervision cost by 50%
- Saves on system audit discrepancies and fines
- Enhances SLA compliance and uptime guarantees

3. POWER BACKUP ZONES (UPS, DG SETS, BATTERY ROOMS)

Problem Statement

- Overheating, smoke, or explosion risk in backup zones
- Unmonitored entries during maintenance or power outages

AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
UPS Room	2	Fire/Smoke Detection, Door Activity Monitoring
Battery Room	2	Temperature Spike Alert, Movement Logging
DG Set Area	2	Oil Leak Detection, Ingress Tracking

Advantages

- Prevents critical damage through early environmental alerts
- Ensures authorized maintenance only
- Reduces long-term wear-and-tear cost through analytics

ROI & Financial Benefits

- ₹5–8 lakhs/year saved in downtime avoidance
- Fire-related risks mitigated with automated pre-alerts
- Enables predictive maintenance via AI alerts

4. OUTER PERIMETER, LOBBY, & STAGING AREA

Problem Statement

- Tailgating risks at entry gates and airlock zones
- Manual visitor logs prone to manipulation

AI-Powered Solution Table

Zone	No. of Cameras	Key AI Features
Outer Gate	2	Vehicle Plate Recognition, Stranger Entry Alert
Lobby/Airlock	3	Face Matching, Person Counting, Door Open Alert
Security Desk Feed	1	Real-Time Monitoring Dashboard, Auto Log Creation

Advantages

- Prevents unauthorized access and tailgating at secure points
- Generates automated digital logs and incident footage
- Integrated with access control for multi-factor security

ROI & Financial Benefits

- Reduces dependency on multiple guards at access points
- Enhances audit-readiness and traceability for compliance
- Improves infrastructure-wide safety enforcement

FocusVU.ai Key Benefits for Data Centers

- Intelligent automation of security protocols
- Multi-zone surveillance integration into one platform
- Real-time alerting for access, safety, and compliance
- Preventive analytics reduce long-term maintenance risks
- AI models trained on high-security IT infrastructure data

Conclusion

FocusVU.ai delivers a future-ready, secure, and intelligent surveillance ecosystem for data centers and server facilities. Our platform not only protects mission-critical IT infrastructure but also supports operational continuity, compliance, and audit preparedness.

Explore how FocusVU.ai can transform your server room security: www.FocusVU.ai