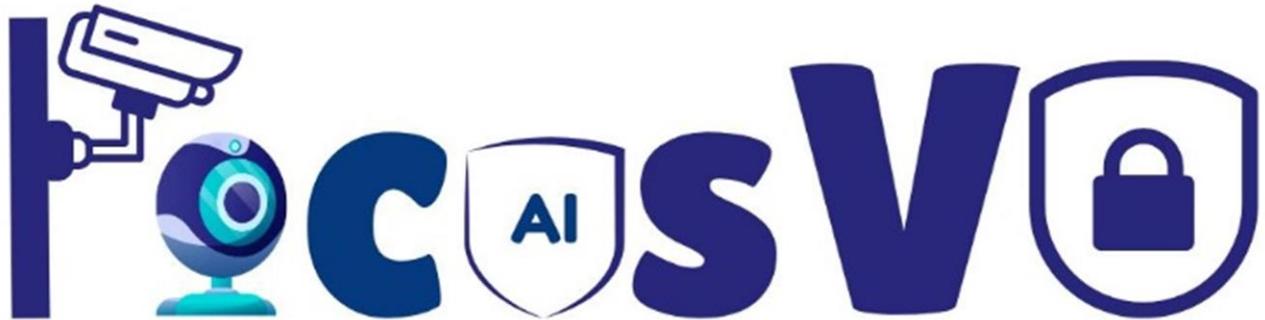


"The Power of Intelligent Vision"



Detect. Decide. Defend, Instantly



The Eye of Future Security

Mr. Sumiit Katyal



FocusVU for Armed Forces

Overview

Securing critical defence infrastructure demands precision, proactive monitoring, and the elimination of human error. FocusVU.ai, built by ASIM Navigation India Pvt. Ltd., is designed to empower armed forces—**Indian Army, Navy, and Air Force**—with **AI-integrated CCTV solutions** that offer 24x7 intelligent surveillance, threat detection, and strategic oversight. The system enhances perimeter security, internal asset monitoring, and operational transparency across defence establishments.

1. INDIAN ARMY BASES & FORWARD POSTS

Problem Statement

- High-risk zones vulnerable to intrusion or sabotage
- Night-time monitoring is manual, inconsistent, and prone to fatigue
- Limited surveillance of sensitive supply depots and ammunition storage

AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Entry/Exit Gates	2	Face Recognition, Vehicle Plate Logging
Perimeter Fencing	8	Intrusion Detection, Motion Heat Mapping
Ammunition Storage	4	Tamper Alert, Smoke/Fire Detection
Internal Corridors	4	Object Left Behind, Identity Match
Command Room	1	Alert Dashboard, Live Monitoring, Rule-based Alarms

Advantages

- 24/7 situational awareness at critical entry points and perimeter
- Reduced risk of supply theft or tampering
- Reduced reliance on manual sentry watch

ROI & Security Benefits

- 80% reduction in manual night patrol
- Increased readiness against sabotage or infiltration
- ₹10–12 lakhs saved annually per base in security manpower and losses

2. INDIAN NAVY BASES & DOCKYARDS

Problem Statement

- Securing vessel berthing zones, ammunition loading points, and underwater entry points
- Surveillance in low-visibility marine environments is a challenge

AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Dock Entry Zones	3	Face Recognition, Crowd Classification
Berthing Points	6	Restricted Zone Alerts, Object Tracking
Ammunition Loading Bays	3	Tamper Detection, Human Presence in Unsafe Zone
Water Perimeter (Above)	4	Motion Analysis, Night Vision Alerts
Server Room / War Room	1	Centralized Video Feed + Historical Data Backup

Advantages

- Prevents unauthorized access and diversions at dockyards
- Ideal for 24x7 monitoring under varying weather and visibility
- Smart alarms reduce false positives and help act faster

ROI & Tactical Efficiency

- Reduces video review time by 70%
- Real-time coordination between shore and vessel teams
- ROI achieved in < 12 months through manpower reallocation

3. INDIAN AIR FORCE STATIONS & HANGARS

Problem Statement

- Aircraft hangars and fuel zones are high-risk and need constant supervision
- No AI-based safety protocol for early risk detection
- Delay in response during entry violations or internal hazards

AI-Powered Solution Table

Area	No. of Cameras	Key AI Features
Runway Approach Roads	4	Unauthorized Vehicle Detection, Line Crossing Alerts
Hangar Interiors	6	Fire/Smoke Alert, Equipment Misplacement Detection
Fuel Stations	3	Hazard Detection, Activity Monitoring
Entry Control Room	2	Face/Vehicle Whitelist Integration, AI Dashboard

Advantages

- Real-time response to equipment or personnel mishandling
- Reduced downtime due to false alarms
- Integrates with base-wide command center

ROI & Operational Savings

- Reduces accident-related downtime by 40%
- Estimated cost saving ₹15–18 lakhs/year per airbase
- Minimizes fuel leakage/loss with predictive alerts

4. JOINT COMMAND & HIGH-SECURITY ZONES

Problem Statement

- Difficulty in controlling access to multi-force zones
- Data silos between different wings (Army, Navy, Air Force)
- No real-time correlation of incidents

AI-Powered Solution Table

Location	No. of Cameras	Key AI Features
Unified Entry Gate	2	Multi-tier Access Validation, ID Badge Scan
Shared Operations Zone	4	Activity Heatmap, Suspicious Behavior Detection
Server/Data Centers	2	Tampering Alert, Off-Hour Access Monitoring
Command Conference Room	1	Live Feeds from All Wings, Timeline Mapping

Advantages

- Integrated, cross-agency AI surveillance
- Scalable and customizable as per threat levels
- Ensures chain-of-command accountability

ROI & Intelligence Strengthening

- Unified interface reduces incident miscommunication
- Reduces manual security layers, improving efficiency
- Increases interoperability between forces

FocusVU.ai Advantages for Armed Forces

- **24x7 autonomous surveillance across zones**
- **Edge AI + Central Command Integration**
- **Military-grade alerting and encryption**
- **Extremely low false positive rates**
- **Custom zone rules per mission type / base**
- **Deployable on LAN/WAN without internet dependency**

Conclusion

FocusVU.ai brings the power of intelligent, real-time surveillance to national defense infrastructure. With customizable modules, high alert precision, and full deployment flexibility, it acts as a true force multiplier in safeguarding assets, personnel, and sensitive locations.

To explore partnership models or technical demonstrations, contact us at: www.FocusVU.ai