



Nirasys Infotech India Pvt. Ltd.

Redefining the Future with Technology

Presented at: 4th Safe City & Intelligent
Mobility Summit 2026
August 21, 2026



About Nirasys

Incepted in January 2018, NIRAsys Infotech India Private Limited is one of the IT Solutions & Consultancy Services company functioning to provide seamless and cohesive business environment. Nirasys Infotech is headquartered in Noida, Uttar Pradesh. We are Government of India registered MSME and DPIIT registered Start-up and 100% Make In India Company. It is also a CMMI Level-3 certified company.

In the last 8 years, we have undertaken several Projects like Emergency Response System- MP112 for Madhya Pradesh Police, Emergency Monitoring System (EMOS) integrated with UP112 for Uttar Pradesh Police,, Command & Control Centre for Mahindra Defence – DGNP (Indian Navy), Surveillance project for J&K Police, Safe City Projects for 06 Cities in Bihar, ICCC for several Coal Mines, Smart City Projects like Bareilly Smart City, Moradabad Smart City, 06 ITMS Cities, State-wide Cloudbased Common Viewing Centre (CVC) of 16 smart cities for UP Government at Lucknow, Directors' Dashboard for IRCTC as well as PTCUL and many more where we have deployed our Platform with Mobile Applications / Business Intelligence Solution for Alert/Data Monitoring, Analytics, Data Sharing and Visualizations with Alert Response Mechanism.



Purpose & Direction



Nirasys is built on a foundation of innovation, integrity, and impact — committed to transforming urban environments through intelligent, integrated technology solutions for governments and citizens across India.



Our Mission

Our mission is to create cutting edge technology solution and be the enabler for stakeholders.



Our Vision

Our vision is to act as a trusted partner to customers in bringing cost efficient solutions & services.



Our Goal

Our Goal is to be innovatively authentic and provide best in class service to our customers.

NIRAsys: National Strategic Infrastructure & Surveillance Footprint



NATIONAL SECURITY & URBAN MANAGEMENT HUBS

Delhi: The Analytics & Defense Core

Manages IRCTC analytics, Border Security Force (ICCC), and Cert-in CMS operations.



Jammu & Kashmir: Integrated Security

Focused on Srinagar Smart City, Police Surveillance ICCC, and Security Commission operations.



Uttar Pradesh: Urban Management Hub

Deployment of EMOS-UP112 emergency systems and ITMS across multiple smart cities.

Srinagar Smart City

Jammu & Kashmir

Uttarakhand

Delhi

Uttar Pradesh

Bihar

Madhya Pradesh

Odisha

Maharashtra

Andhra Pradesh

Lakshadweep



INDUSTRIAL, RESOURCE & MARITIME INFRASTRUCTURE



Resource & Energy Management

Operations across Western, Northern, and Mahanadi Coalfields, plus Power Transmission in Uttarakhand.



Public Safety Initiatives

'Safe City' projects in Bihar and statewide police management (MP112) in Madhya Pradesh.



Maritime & Defense Strategy

Infrastructure for Indian Navy (Vizag) and Kavaratti Smart City in Lakshadweep.

Today's Urban Safety Challenges

Modern cities face complex, interconnected safety challenges that demand integrated, intelligent solutions to protect citizens and optimize urban operations.

- Fragmented city surveillance systems
- Delayed emergency response times
- Lack of unified command centers
- Poor inter-agency coordination
- Limited predictive analytics
- Inadequate traffic management



The Pillars of Intelligent Mobility



INTELLIGENT TRAFFIC MANAGEMENT

Cities need real-time visibility into traffic flows, congestion, and road conditions to optimize movement and enable faster, data-driven traffic management.



Predictive Mobility & Incident Response

AI-driven analytics can identify congestion patterns, detect incidents, and support faster response, helping cities move from reactive traffic management to proactive mobility.



Connected & Integrated Mobility

Traffic signals, cameras, sensors, public transport, and road infrastructure need to work as one connected ecosystem to create seamless, efficient, and safer urban mobility.

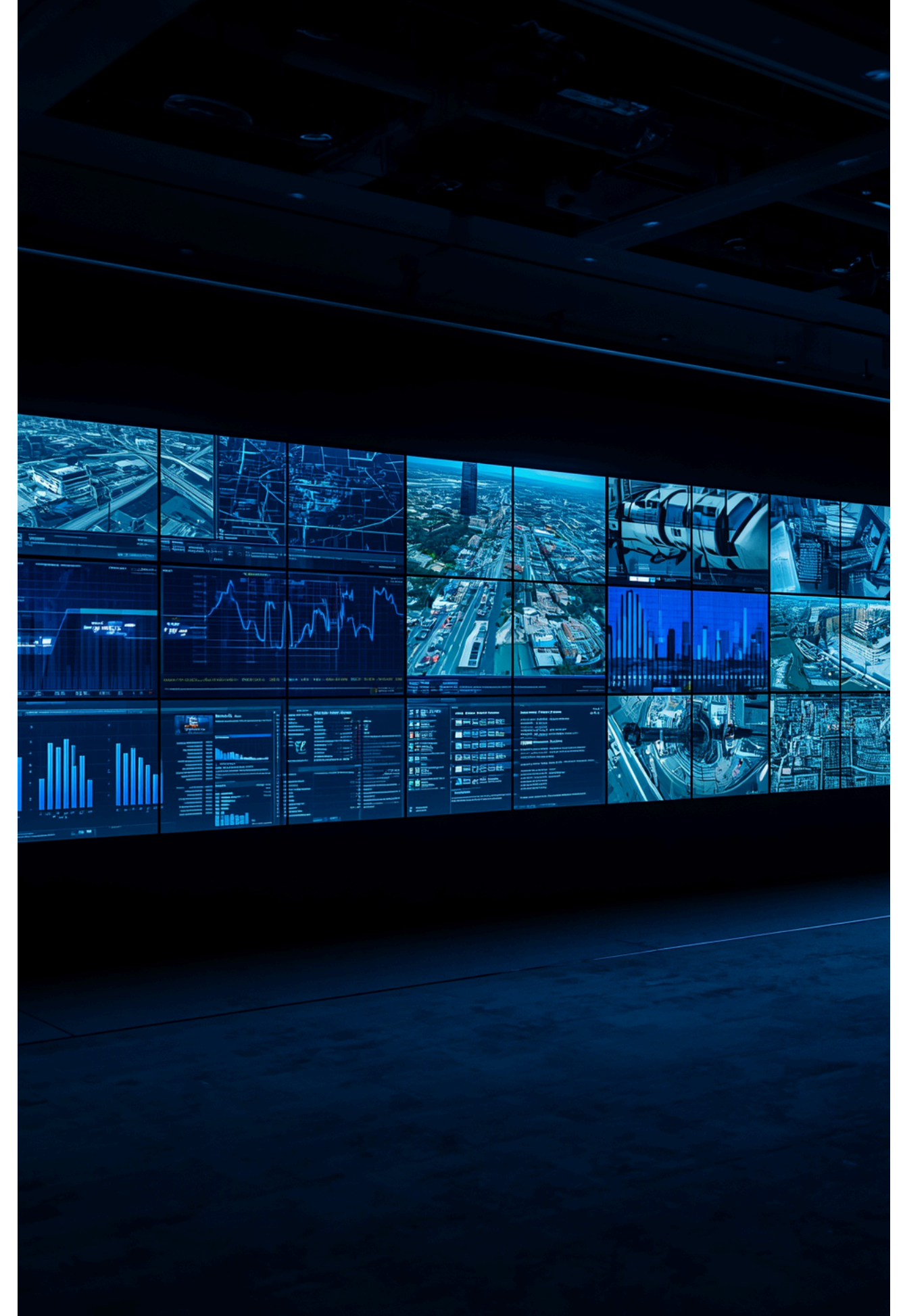


Nirasys Response to Urban Safety Challenges

Mapping key urban safety challenges to Nirasys intelligent solutions — delivering centralized, AI-driven, and integrated city operations.

- Fragmented Surveillance
- Delayed Emergency Response
- No Unified Command Center
- Poor Inter-Agency Coordination
- Limited Predictive Analytics

- AI Surveillance → **OmniCAMS VMS**
- Emergency Dispatch → **OmniCAD**
- City Operations → **OMNIdash ICCC**
- Incident View → **ICCC + GIS**
- Predictive → **ICCC + VMS Analytics**



OMNIdash ICCC Platform

A unified Integrated Command & Control Centre platform delivering real-time city operations, intelligent surveillance, and seamless multi-agency coordination for safer, smarter cities.

- Alert Management
 - Live VMS-CCTV Streaming
 - Dashboards & Analytics
 - On-Prem/Cloud Hosting
 - GIS-Enabled SOS App
 - Highly Customizable
- Workflow Automation
 - Escalation Matrix
 - In-built VMS and GIS
 - IoT & SCADA Integration
 - SMS / WhatsApp Gateway
 - Quick Implementation



OmniCAMS – Advanced Video Management System

OmniCAMS delivers enterprise-grade video management with AES-256-CBC encrypted recording, intelligent camera management, and seamless ONVIF/open API compatibility — built for thousands of IP cameras across smart city deployments.

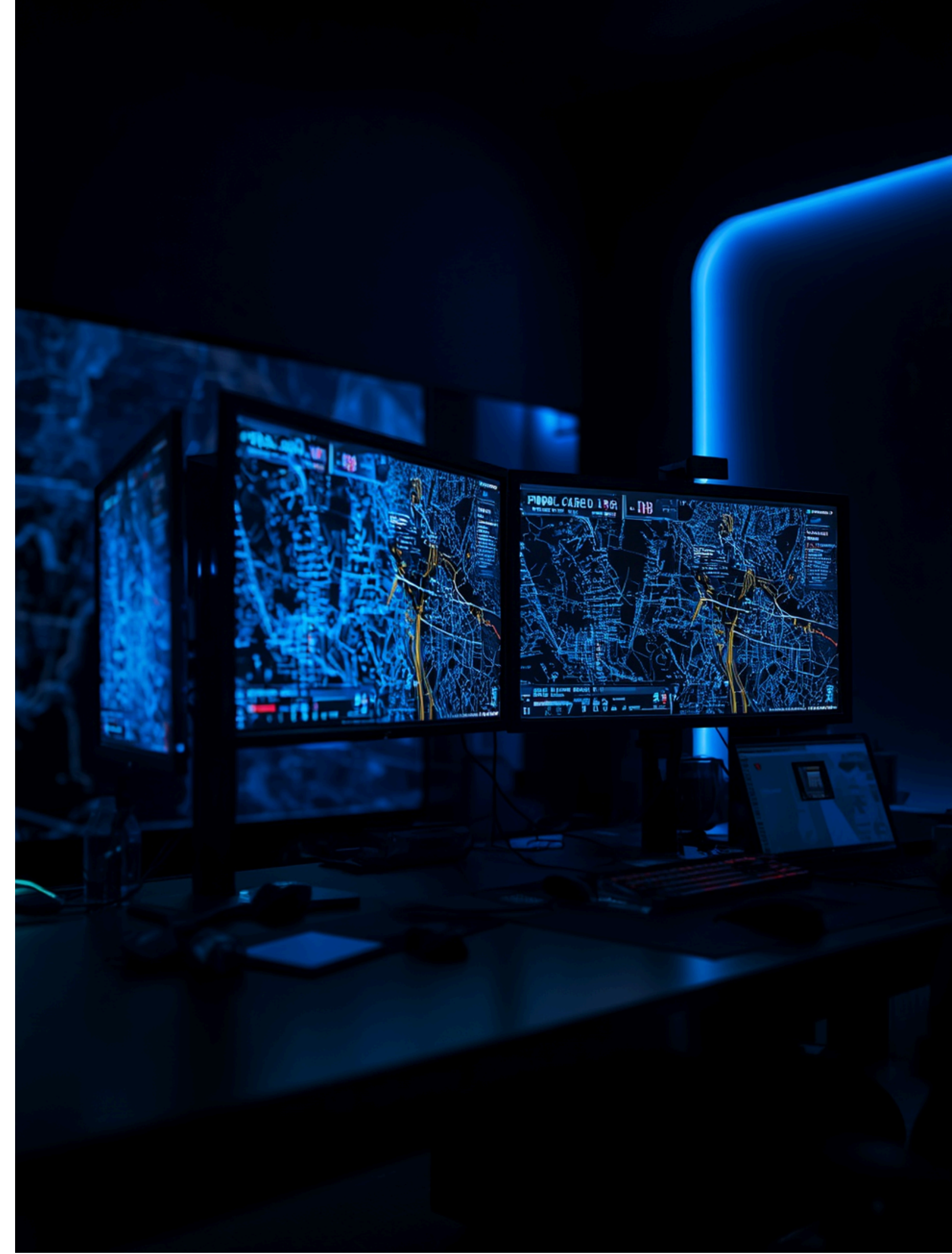
- **Live Streaming**
 - **AES-256-CBC Encrypted Recording**
 - **Intelligent Camera Management**
 - **PTZ Controls & Watermarking**
 - **Live CCTV Monitoring**
- ONVIF / Open API Support
 - Thousands of IP Cameras
 - Role-Based Access Control
 - Third-Party Compatibility
 - Multi-Layouts (3x3/4x4/9x9)



OmniCAD – Dispatch & Emergency Response

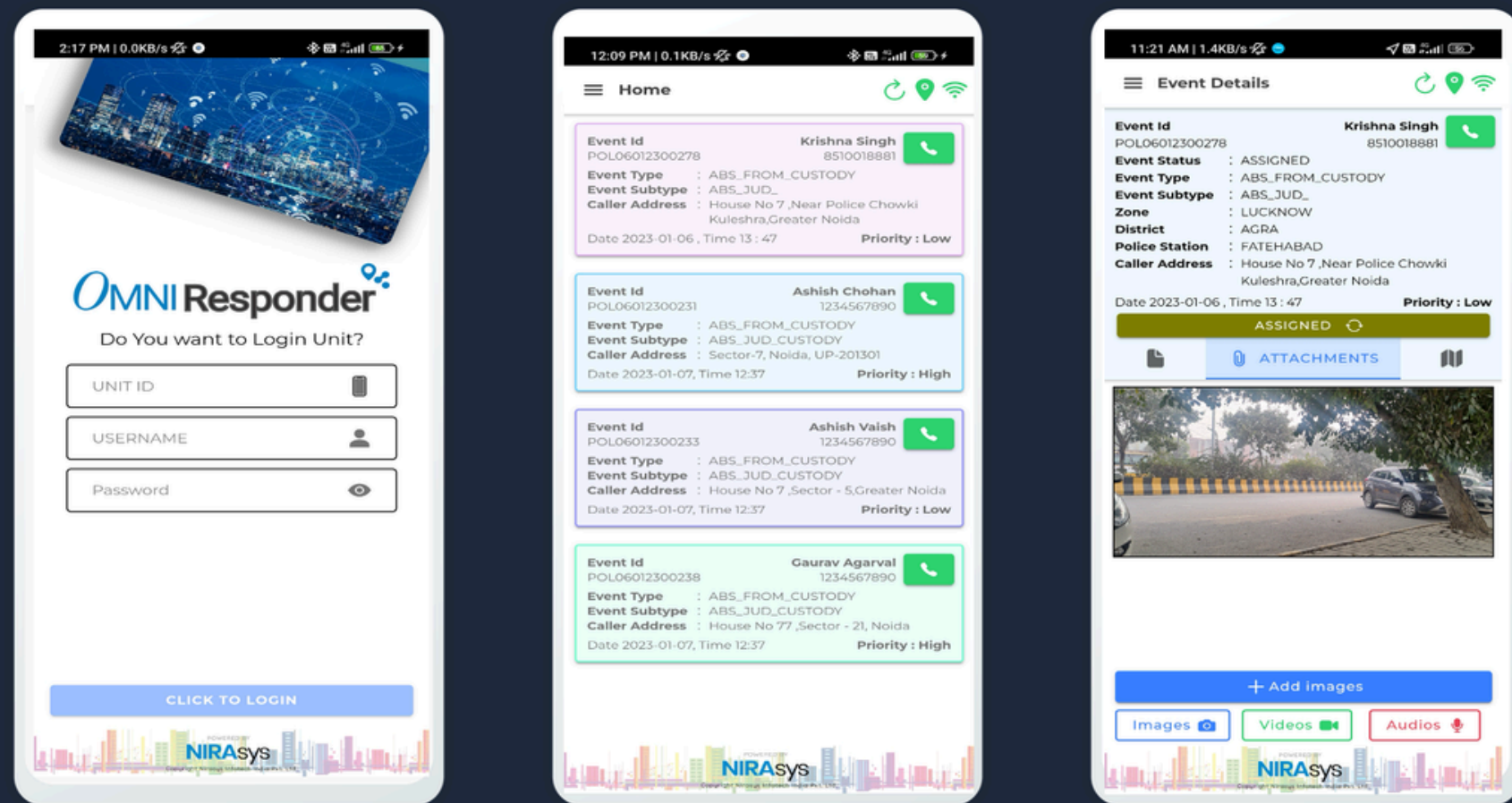
A powerful cloud-ready dispatch and emergency response platform managing incidents across Police, Fire, Medical, and Women Helpline with real-time GIS, auto-dispatch, and full multimedia support.

- **Responder Tracking**
 - **Action Reports & Analytics**
 - **Data Visualization**
 - **Google Maps / ESRI / HERE Integration**
 - **Multimedia Attachments**
- Multi-Agency Incident Management
 - SMS / IP EPABX / Email / WhatsApp
 - Cloud-Ready POI Management
 - Real-Time GIS Map & Auto-Dispatch
 - Incident Lifecycle Management



OmniResponder

OmniResponder delivers faster, smarter, and more accountable field operations with an SOS-style mobile experience — empowering responders to act decisively and close incidents in real time from anywhere in the field.



Instant Alert Reception

Responders receive real-time alerts with full incident details — location, type, priority, and assigned resources — enabling immediate and informed action in the field.



Action Reports & Attachments

Field officers can submit action taken reports with photo and document attachments directly from the mobile app, ensuring complete incident documentation and accountability.



Real-Time GIS Tracking

Live GIS map tracking enables command centers to monitor responder locations, track incident closure progress, and coordinate multi-agency field operations in real time.



Hybrid Model – can be hosted in Linux / Windows Environment, making it a cost effective solution



License Flexibility – No dedicated license type
One license can be used for any type of Service either Call-taker, Dispatcher, Administrator.



Live Video Streaming Capability to stream Live Video from Mobile Responder App from the field in CAD Application



Exact Caller's Location – By sending a link in message to the callers mobile



Automated Response Mechanism – In-built solution for Auto-dispatch of emergency response vehicles.



Analytics & Reporting- In-built solution for custom BI Analytics and MIS Reports



Video Call to Caller - In-built solution for making video call to the caller; Conversation can be recorded & downloaded



Action Taken Report – Audio recording, video recording, captured image & text can be attached in ATR



100% Make In India - Developed & designed in India with office and development center



In-built Base Map- an inbuilt GIS Base Map which can be used as backup in absence of GIS OEM

How Nirasys Products Address Smart City Challenges



AI Safety & Video Surveillance

OMNIdash ICCC & OmniCAMS deliver AI-powered surveillance, intelligent monitoring, and real-time video analytics for safer cities.



Traffic & Emergency Response

OmniCAD & OmniResponder enable rapid dispatch, auto-routing, real-time GIS tracking, and seamless field coordination.



Infrastructure & Data Intelligence

ICCC + GIS integration and Analytics provide unified command visibility, predictive insights, and connected city operations.



Why Choose Nirasys

Nirasys stands apart as India's trusted safe city technology partner — combining deep domain expertise, proven deployments, and a fully integrated product ecosystem built for government and smart city needs.

- 100% Make in India
- MSME & DPIIT Registered
- Government-Recognized Startup
- ISO 9001, 27001, 20000 & 14001
- CMMI Level 3 Certified

- Proven Track Record
- Integrated Product Ecosystem
- Cloud, On-Prem & Hybrid Ready
- UP, Indian Navy & National Agencies

The logo for NIRAsys, featuring the word "NIRAsys" in a bold, sans-serif font. The "NIRA" part is in a bright blue color, and the "sys" part is in a dark blue color.

EXPERIENCE & SCALE

Proven across critical infrastructure, public safety & strategic operations

SMART CITIES

20+ Deployments

SAFE CITIES

6+ Deployments

MINING AND NATURAL RESOURCES

3 Major Coalfields

DEFENCE & SECURITY

POWER & UTILITIES

TRANSPORTATION AND MOBILITY

ITMS • Traffic • Mobility

WATER AND URBAN INFRASTRUCTURE

Water Management • Monitoring

Next Steps & Connect With Us

Meet the Nirasys team at SafeCity Summit 2026 — explore live demos, partnership opportunities, and our full suite of safe city solutions.

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Thank You

Nirasys remains committed to pioneering safe city solutions and building smarter, safer cities across India and beyond.





Questions & Discussion?

Connect with the Nirasys Team

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