Samagam AI

SIMHASTHA KUMBH MELA 2027

Crowd safety that closes the loop.

AI cameras, sensor fusion and drones turn crowd signals into coordinated action in Nashik and Trimbakeshwar.



Illustrative aerial view inspired by the Ramkund ghats

Sense

Cameras, LiDAR, drones, river and weather feeds

Decide

One live picture. A named responder for every alert.

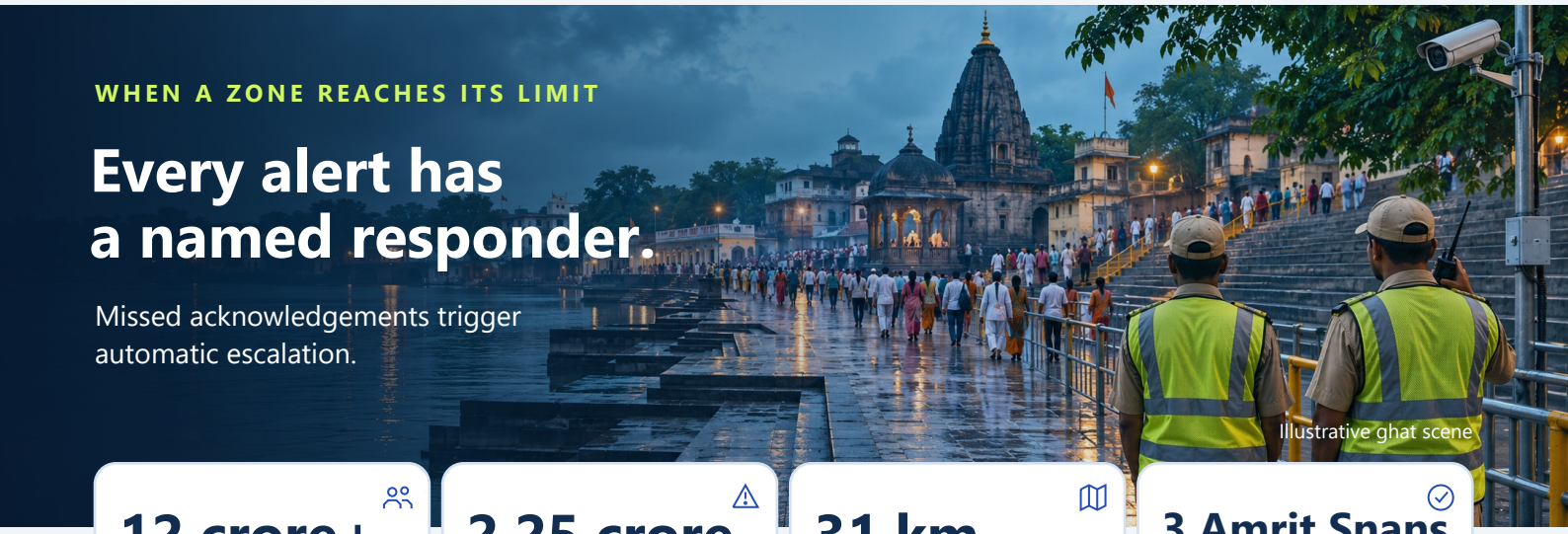
Act

Warnings in Marathi, Hindi and English

by DRONEVIZOR

THE CHALLENGE, AND OUR ANSWER

Detection is not enough. Response is what saves lives.



WHEN A ZONE REACHES ITS LIMIT

Every alert has a named responder.

Missed acknowledgements trigger automatic escalation.

12 crore+
Pilgrims across both sites[1]

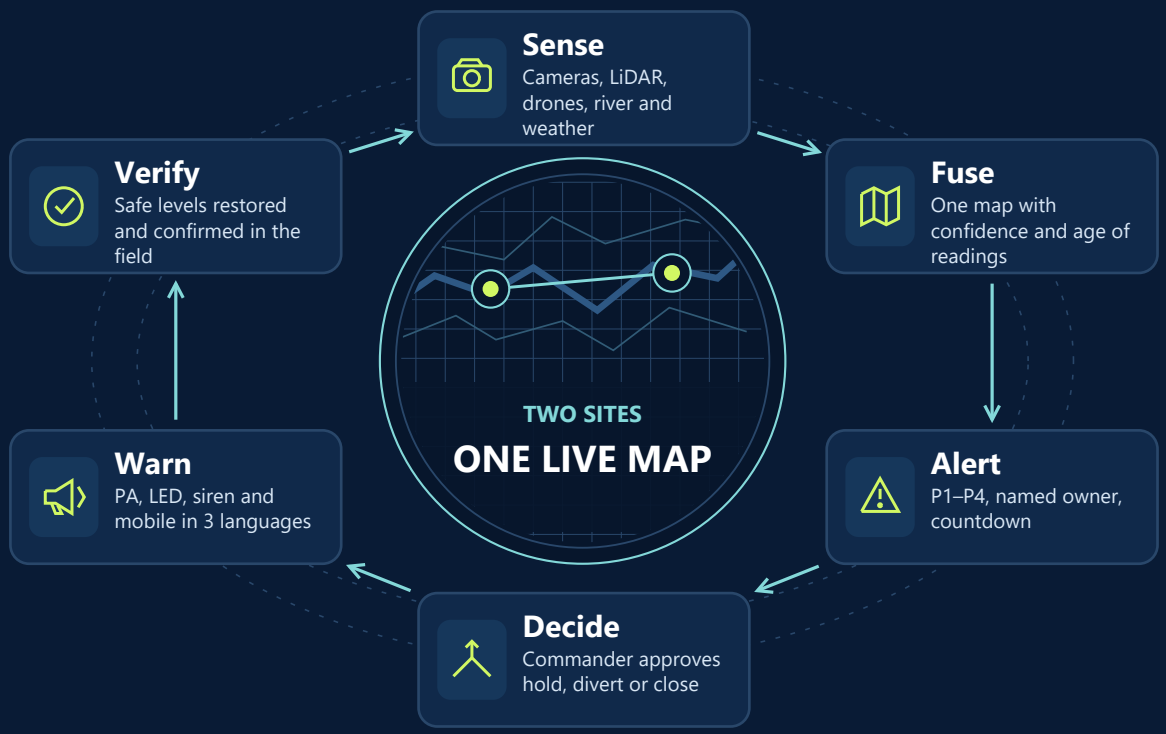
2.25 crore
Peak-day footfall[1]

31 km
Two sites, one joint command

3 Amrit Snans
2 Aug, 31 Aug and 11–12 Sep 2027

[1] DroneVizor planning estimates. Dates follow the official Mela calendar.

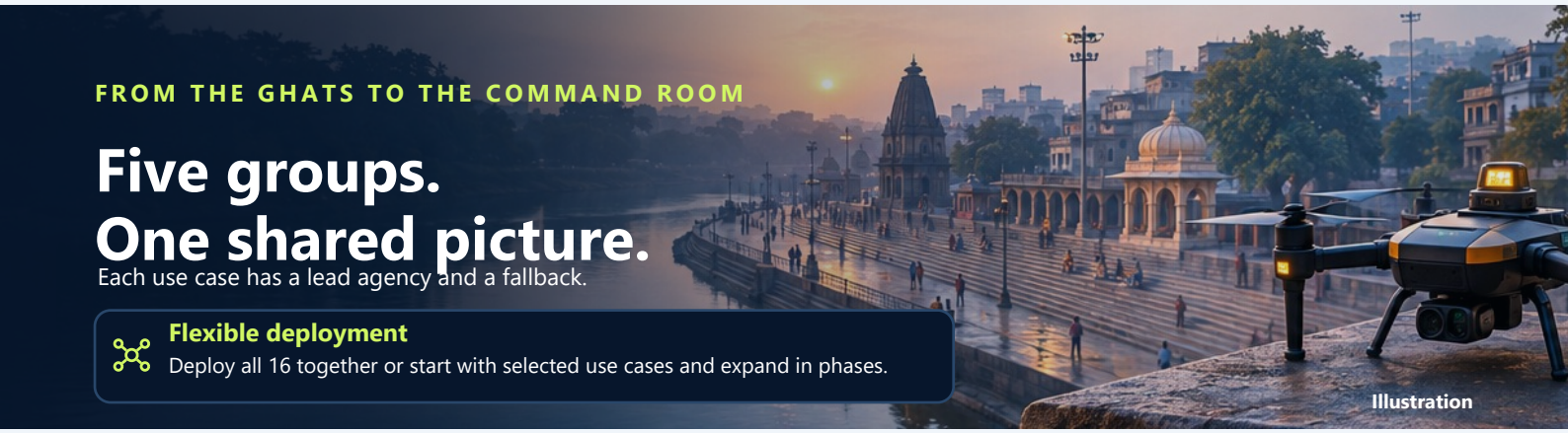
THE CLOSED RESPONSE LOOP



AI advises. Officers decide and approve every intervention.

OPERATIONAL COVERAGE

One platform. 16 operational use cases.



FROM THE GHATS TO THE COMMAND ROOM

Five groups. One shared picture.

Each use case has a lead agency and a fallback.

Flexible deployment
Deploy all 16 together or start with selected use cases and expand in phases.

Illustration

Crowd movement — 04

- Crush risk and crowd flow
- Traffic, parking and transit
- Pilgrim services and access
- Processions and VIP movement

Emergency response — 04

- Ghat and river safety
- Medical and casualty transfer
- Fire, flood and structural risks
- Emergency public warning

Services and security — 03

- Missing persons and reunification
- Sanitation and public health
- Police and public information

Coordination and continuity — 04

- Rehearsal and review
- Cross-zone and cross-site command
- Network outage operations
- Field force deployment

Drones and airspace — 01

- Drone operations and airspace management
- Drone loudspeakers extend PA coverage

CONTINUITY IN THE FIELD

Local alerts during outages

Analyse → Warn → Sync

Video stays in the zone. Only counts and alerts go to command. Approved PA warnings continue during an outage.

Controlled drone missions

Approve → Fly → Log

Command approval, airspace clearance, certified pilot and safe weather. Unknown drones go to the police liaison.

PLATFORM READINESS

Stay coordinated. Stay operational.

From the first crowd alert to local warnings during a network outage.



16 / 16	198	60 / 60	0 errors	≤5 s
Use cases running	Automated tests passed	Link-loss drill checks passed	Peak load test up to 8×	Crowd reading to onscreen alert

Reported by DroneVizor in November 2026 platform tests and drills. Review the test conditions and scope with our team. Results are not a guarantee of performance at every deployment.

ONE PLATFORM, THREE OPERATING ROLES

Control room

Live map, broadcasts and drone missions.
Web app in 8 languages.

Field teams

Offline responder app with SMS or radio fallback.
Drone pilot and command apps.

Agency desks

108, 112, Railways, MSRTC and IMD, subject to agreements.
CAP alerts via SACHET.



FIELD CONTINUITY

Local alerts during link loss

Zone cabinets keep video local and continue approved PA warnings when the connection drops. Events sync when service returns.

Approved warnings in Marathi, Hindi and English.

OPERATIONAL SAFEGUARDS

Data privacy	Two-person approval	Auditable decisions	India hosting	Accessible alerts
Encryption and access logs	Warnings, drone missions and child release	Tamper-evident records	CERT-In aligned incident reporting	Audio and visual warnings

PROPOSED ROLLOUT / JUL–SEP 2027

Platform tests · Agency integration and site surveys · Live pilots · Full operations

Zone readiness and operating targets remain subject to NTKMA confirmation.

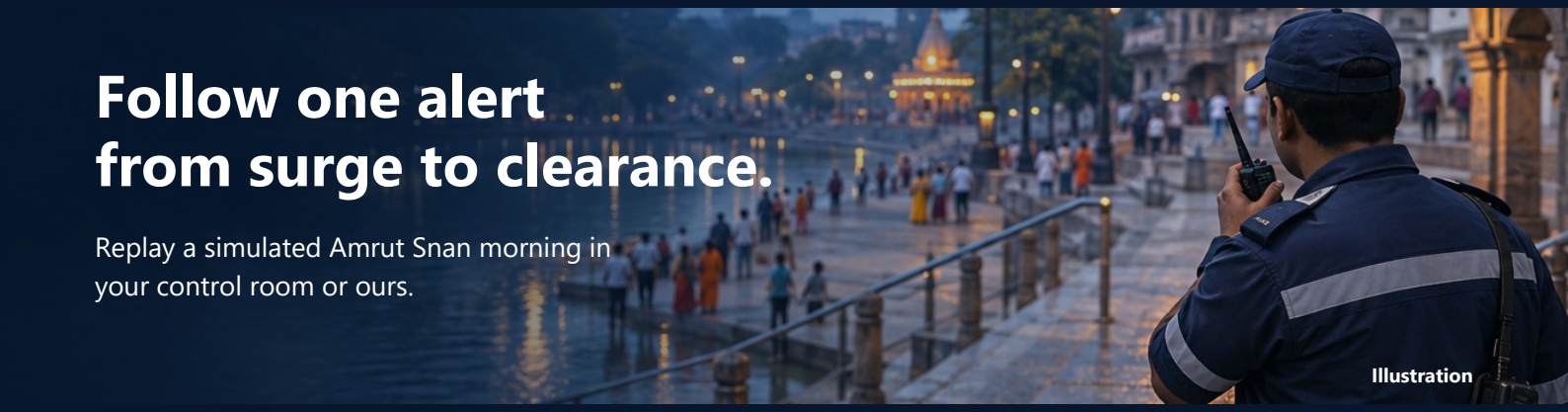
Samagam AI

LIVE DEMONSTRATION

See Samagam AI in action.

Follow one alert from surge to clearance.

Replay a simulated Amrut Snan morning in your control room or ours.



Illustration

Detect
Crowd surge

Assign
Named responder

Decide
Commander approval

Warn
PA and LED walls

Verify
Field clearance

Warnings in Marathi, Hindi and English

Live closed loop

Camera reading to verified close in under a minute in the demo.

Your agency's desk

Medical, missing persons, traffic, fire, sanitation or police.

Service-loss drill

Watch the zone cabinet keep sending local alerts when the network drops.

Book a demo or a technical walkthrough.

contact@dronevizor.com

dronevizor.com

SCAN TO EMAIL

Available on request: Engineering Design Specification, API Reference Guide, Web App User Guide and Use Case Specification v2.2.

Illustrative imagery. Platform test results from November 2026.