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— AI SURVEILLANCE INTELLIGENCE

# Surveillance that knows what to ignore.

Plug Safe turns the CCTV cameras you already operate into a real-time AI sentry — watching every feed at once, recognising genuine threats, and alerting your operators only when it matters. Built for military, police and security forces.



plugsafe

— WHAT PLUG SAFE IS

A real-time AI sentry on the cameras you already operate — *built for sites where the stakes are real.*

Plug Safe is software, not hardware. It connects to your existing CCTV — the cameras, cabling and recorders already on your walls — and adds real-time AI detection across every feed at once. Genuine threats are recognised, classified, and pushed as alerts to your operators in seconds.

It is deployed entirely on your infrastructure — on-premise and airgap-ready — and is built, owned, and serviced by IDEA Foundation, an Indian deep-tech engineering organisation. This brochure sets out what Plug Safe does, how it is deployed, and how it is procured.

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— THE PROBLEM

# More cameras. Not more security.

Every installation keeps adding cameras. But a camera only records — it does not watch, and it does not warn. What you are left with is a wall of monitors no one can truly cover.

## 01 An operator cannot watch everything

Attention drops sharply after about twenty minutes on screen. Feeds multiply; eyes do not. The critical frame arrives while it sits on a monitor no one is looking at.

## 02 False alarms train people to ignore alarms

Conventional motion and "smart" cameras fire on animals, rain, headlights and shadows. After a week of false alerts, operators mute the system — and the real breach arrives unwatched.

## 03 It records — it does not warn

Traditional CCTV is an archive. You learn what happened after it has happened, by reviewing footage — long after the window to respond has closed.

## 04 One blunt rule for the whole frame

A conventional smart camera applies a single setting to everything it sees. A real site needs different rules for the fence, the gate, the road and the open ground — at the same time.

**A surveillance system your operators stop trusting is a surveillance system you no longer have.**

— WHAT PLUG SAFE IS

# An intelligence layer on the cameras you already operate.

Plug Safe is software, not hardware. It connects to your existing CCTV — the same cameras, the same cabling, the same recorders — and adds real-time AI detection across every feed at once. Nothing is replaced. Nothing leaves your network.

## Connect

**1** Plug Safe links to your existing IP cameras, DVRs and NVRs. No new cameras, no re-cabling, no rip-and-replace.

## Define

**2** You set the zones, the rules and the detections for each camera — exactly what to watch for, and what to ignore.

## Watch

**3** The AI analyses every feed continuously and in parallel, around the clock — no fatigue, no blind spot at shift change.

## Alert

**4** A genuine event raises an instant, classified alert with the clip attached — so your team responds, instead of reviewing.

**16**

AI detections

**24/7**

Autonomous watch

**Zero**

Cameras replaced

**100%**

On-premise

— ALERTS YOU CAN TRUST

# The difference between a signal and noise.

A conventional smart camera detects movement. Plug Safe understands it. That single difference decides whether your operators act on an alert — or learn to mute it.

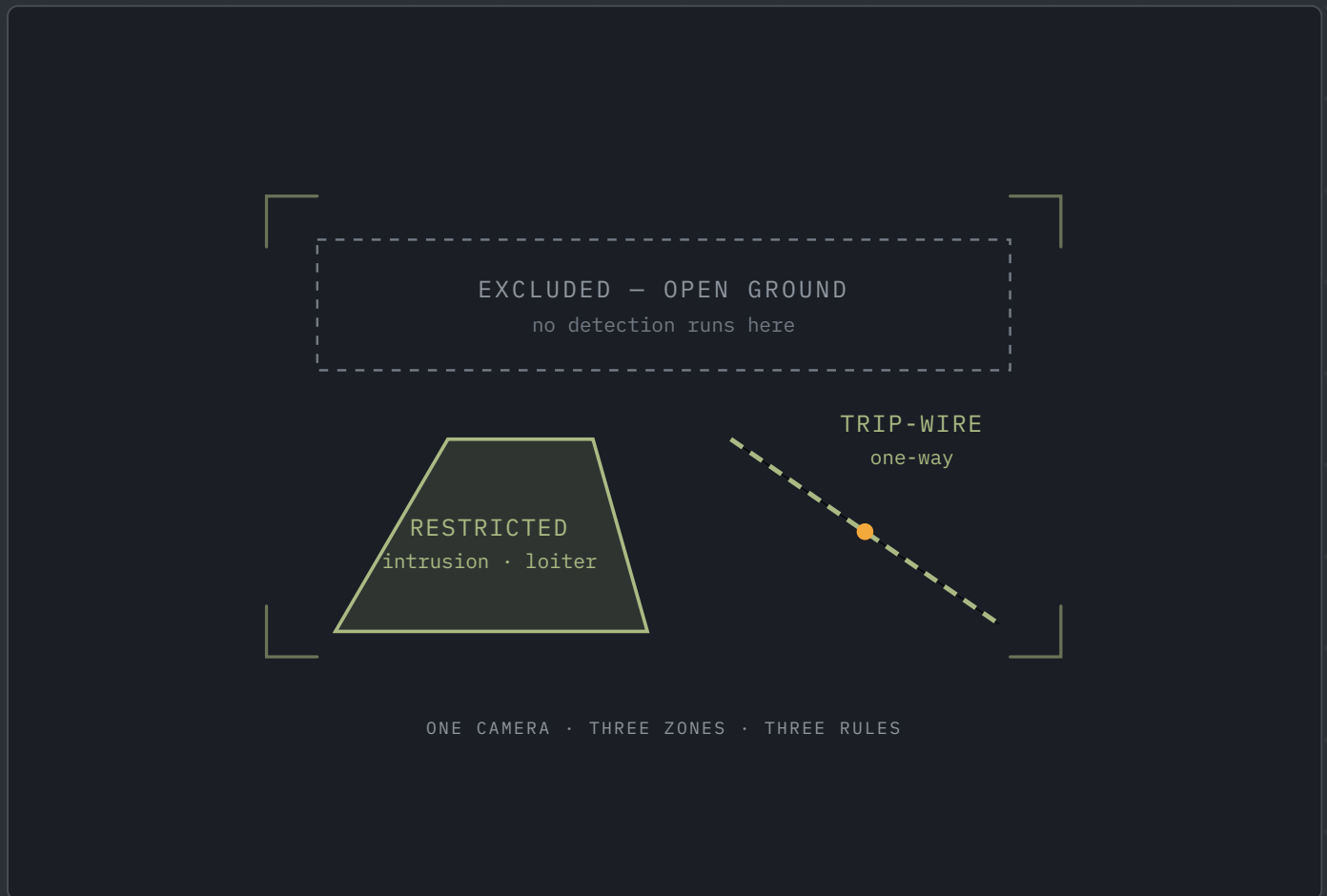
ON THE PERIMETER	CONVENTIONAL SMART CAMERA	PLUG SAFE
<p><b>A stray dog crosses the fence line</b></p>	<p>Movement detected — alarm raised.</p> <p><b>FALSE ALARM</b></p>	<p>Recognised as an animal, not a person.</p> <p><b>NO ALERT</b></p>
<p><b>Headlights sweep a wall after dark</b></p>	<p>Light and motion — alarm raised.</p> <p><b>FALSE ALARM</b></p>	<p>Recognised as light, not a threat.</p> <p><b>NO ALERT</b></p>
<p><b>Rain, branches and shifting shadows</b></p>	<p>Constant motion — repeated alarms.</p> <p><b>FALSE ALARM</b></p>	<p>Filtered out as environmental noise.</p> <p><b>NO ALERT</b></p>
<p><b>A person climbs the boundary at 03:00</b></p>	<p>One more alarm among hundreds — unnoticed.</p> <p><b>MISSED</b></p>	<p>Isolated, classified and escalated at once.</p> <p><b>ALERT</b></p>

When almost every alert is false, operators mute all of them. Plug Safe raises **far fewer alerts** — so the ones it does raise get acted on.

— TOTAL CONTROL

# You decide what every camera watches for.

One camera sees many things at once — a fence, a gate, a road, open ground. Plug Safe lets you treat each part of the frame differently. You draw the zones, choose the detection, and set the hours.



### ■ Zones

Draw any number of areas on a camera's view. An alert can only ever be raised inside a zone you have defined.

### ■ Rules

Choose which detection runs in each zone — intrusion, line-crossing, loitering, weapon, and more.

### ■ Direction

A tripwire can be set to fire on one direction of travel only — in, but not out.

### ■ Schedule

Arm a zone only for the hours it should be empty. Daytime activity is ignored; a presence at night is flagged.

### ■ Dwell

Flag a person only once they stay longer than you allow — telling passing through apart from lingering.

COMMAND & CONTROL

# Every camera and every alert, from one screen.

Plug Safe puts the whole deployment under a single dashboard. Switch a detection on or off across every camera, decide which events raise an alert, and set the hours each rule is active — without ever touching a camera.



## ■ Fleet-wide toggles

Turn any detection on or off across every camera at once — or per camera. A new rule rolls out site-wide in seconds.

## ■ Alert routing

Decide which events raise an operator alert and which are logged silently — you choose what is worth interrupting a shift for.

## ■ Time windows

Arm each rule only for the hours it matters — a loading bay after 20:00, a perimeter watched around the clock.

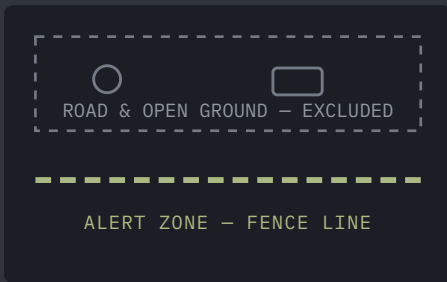
## ■ One live picture

Every camera, every active detection and every alert on one screen — with an audit-ready log of all of it.

— IN THE FIELD

# Three situations a conventional camera gets wrong.

Control is not a convenience feature. It is the difference between a system your operators rely on and one they have switched off.



## 01 The perimeter that cries wolf

### CONVENTIONAL

Intrusion detection watches the whole frame. Every stray dog, bird and passing vehicle triggers an alarm. Operators mute it within a week.

### PLUG SAFE

You draw the alert zone on the inner fence line only, fire on a human after dark, and exclude the road and open ground. Silent — until it shouldn't be.



## 02 The restricted door in a busy compound

### CONVENTIONAL

People move through the compound all day. The camera either alarms on all of it or is switched off — and the sensitive corridor is watched by neither.

### PLUG SAFE

Detection runs only on the restricted doorway, with a dwell timer. Routine traffic raises nothing; anyone lingering at the door is flagged at once.



## 03 One camera, three different jobs

### CONVENTIONAL

A single camera sees a boundary wall, an entry gate and a parking strip — and can apply only one rule to all three at once.

### PLUG SAFE

The wall watches for crossing, the gate counts entries and flags tailgating, the parking strip is excluded. Three rules, one feed.

DETECTION CAPABILITIES

# Sixteen detections. Enabled exactly where you need them.

Every detection switches on per camera and per zone — nothing runs where it is not wanted. Three operational groups:

PERIMETER & THREAT

<p><b>Intrusion Detection</b> Entry into a restricted zone, flagged instantly.</p>	<p><b>Line Crossing</b> A virtual tripwire across any boundary you draw.</p>	<p><b>Loitering</b> A person lingering longer than you allow.</p>
<p><b>Weapon Detection</b> Guns and knives identified in frame.</p>	<p><b>Abandoned Object</b> Unattended bags or packages, flagged.</p>	

IDENTITY & ACCESS

<p><b>Facial Recognition</b> Identify and verify individuals in real time.</p>	<p><b>Watchlist Match</b> Alert the moment a flagged face appears.</p>	<p><b>Uniform Detection</b> Authorised vs unauthorised, by dress.</p>
<p><b>People Counting</b> Headcount entering and leaving an area.</p>	<p><b>Vehicle Counting</b> Vehicles by type and direction of flow.</p>	

CROWD & SITUATIONAL

<p><b>Crowd Density</b> Crowding measured before it turns unsafe.</p>	<p><b>Movement Heatmap</b> Where people move and dwell, over time.</p>	<p><b>Fire Detection</b> Flame identified early, before alarms trigger.</p>
<p><b>Smoke Detection</b> Smoke patterns caught in the first stage.</p>	<p><b>Fall Detection</b> A person down and not rising, flagged.</p>	<p><b>Queue Monitoring</b> Queue length and estimated wait time.</p>

— DEPLOYMENT & REACH

# On your network. On your walls. Live in days.

Plug Safe is configured on the infrastructure you already have — with no procurement of cameras and no field installation to wait on.

## ■ Works with existing cameras

Any IP camera, DVR or NVR. No replacement, no re-cabling, no rip-and-replace of working infrastructure.

## ■ Fully on-premise

All processing runs on a server inside your network. No feed leaves the site — full data sovereignty, suitable for sensitive and air-gapped environments.

## ■ Live in days, not months

No camera procurement and no civil work. Plug Safe is software, configured on the cameras already on your walls.

## ■ Scales without limit

One camera or thousands; a single site or many, monitored from one operations point.

08.1 WHERE PLUG SAFE WORKS

### Military bases & cantonments

Perimeter intrusion, restricted-zone control, weapon detection, vehicle and personnel monitoring.

### Police stations & facilities

Access control, watchlist alerts, custody-area monitoring, audit-ready event logs.

### Checkpoints & sensitive sites

Direction-aware line-crossing, vehicle and crowd monitoring, after-hours intrusion.

### Public & high-footfall sites

Temples, campuses and transit hubs — crowd density, abandoned-object and intrusion alerts.

— WHAT'S IN THE DEPLOYMENT

# Software, hardware and people — configured to your site.

Plug Safe is supplied as one complete deployment. The software is ours, the on-site server is sized to your site, and our engineers install, train and maintain the whole system.



SOFTWARE · 01

## Plug Safe AI

The detection engine, the rules dashboard and the alerts app — all running entirely on-premise on the supplied server. Our optimised models do the work; you keep the data.



HARDWARE · 02

## On-Site Server

A compact server sized to the camera count and the detections you enable. Our optimised algorithms run on light hardware — most sites need only a single box.



SUPPORT · 03

## Deployment, Training & Maintenance

On-site installation, operator training, model updates and ongoing maintenance — for the life of the deployment.

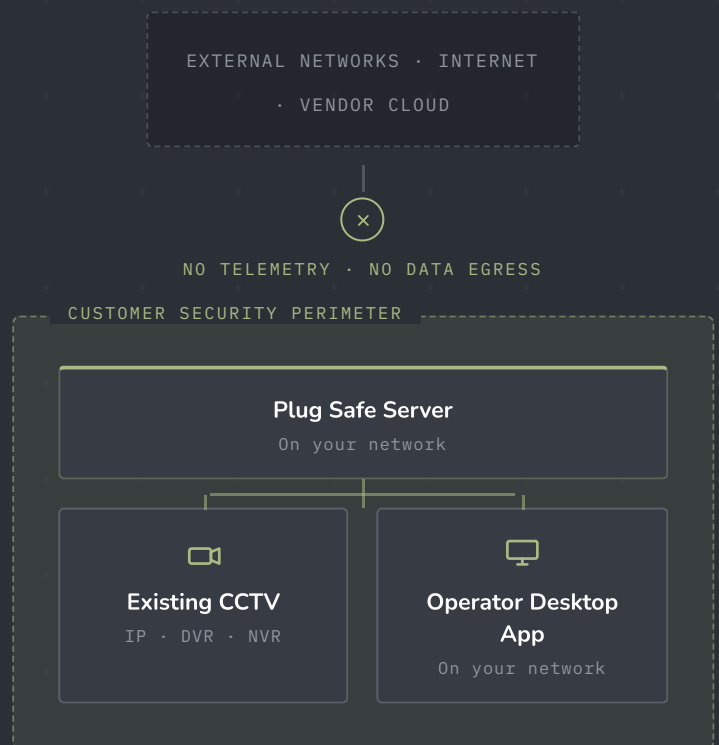
Configuration and pricing on enquiry — sized to camera count and required detections.

— SECURITY & SOVEREIGNTY

# Your network. Your data. Your control.

Plug Safe is deployed entirely on customer-controlled infrastructure. There is no mandatory dependence on external cloud, no telemetry sent to our servers, and no feed leaves the deployment perimeter.

- ✓ On-premise deployment on your existing infrastructure.
- ✓ Airgap-ready — full operation without internet access.
- ✓ Encryption in transit and at rest.
- ✓ Audit-ready event log on the local system.



ABOUT IDEA FOUNDATION

# 10+ years building deep technology for the people defending the country.

IDEA Foundation is a deep-tech research and engineering organisation based in Panchkula, Haryana. We build artificial intelligence, geospatial, and immersive systems for the Indian Armed Forces and allied agencies — Plug Safe is one of our products.

<p><b>10+ yrs</b></p> <p>Cumulative leadership experience building deep-tech systems for defence and government use.</p>	<p><b>Multi-year</b></p> <p>Sustained delivery and support of secure, on-premise, and air-gapped systems for defence and government environments.</p>	<p><b>3 disciplines</b></p> <p>Artificial intelligence, immersive systems, and geospatial intelligence — engineered in-house.</p>
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TRACK RECORD

<p>SECURE DEPLOYMENT</p> <p><b>Air-Gapped Systems</b></p> <ul style="list-style-type: none"> <li>On-premise, customer-controlled networks</li> <li>Operation without internet access</li> <li>Tested against adversarial conditions</li> </ul>	<p>DEFENCE &amp; GOVERNMENT</p> <p><b>Mission-Grade Systems</b></p> <ul style="list-style-type: none"> <li>AI surveillance and analytics platforms</li> <li>Mission planning and command systems</li> <li>Geospatial intelligence platforms</li> </ul>	<p>IN SERVICE</p> <p><b>Long-Term Support</b></p> <ul style="list-style-type: none"> <li>Maintenance and patch support</li> <li>Multi-year, in-service engagements</li> <li>On-site training and administration</li> </ul>
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DISCIPLINES

<p>AI / ML</p> <p><b>Artificial Intelligence</b></p> <p>Machine learning for command systems, intelligence analysis, and real-time surveillance.</p>	<p>IMMERSIVE</p> <p><b>Immersive Systems</b></p> <p>Immersive VR and AR environments for rehearsal and training.</p>	<p>GEOSPATIAL</p> <p><b>Geospatial Intelligence</b></p> <p>Terrain modelling and satellite-imagery analytics.</p>
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Specific programme names and references available under NDA on enquiry.

Your cameras are already watching. **Plug Safe makes them understand** — and speaks up only when it matters.

## ENQUIRIES

[business@ideafoundation.co.in](mailto:business@ideafoundation.co.in)

+91 7087 081 892

[www.ideafoundation.co.in](http://www.ideafoundation.co.in)

## IDEA FOUNDATION

4th Floor, Leap Infratech Building

Plot No. 6, HSIIDC IT Park, Sector 22

Panchkula, Haryana