

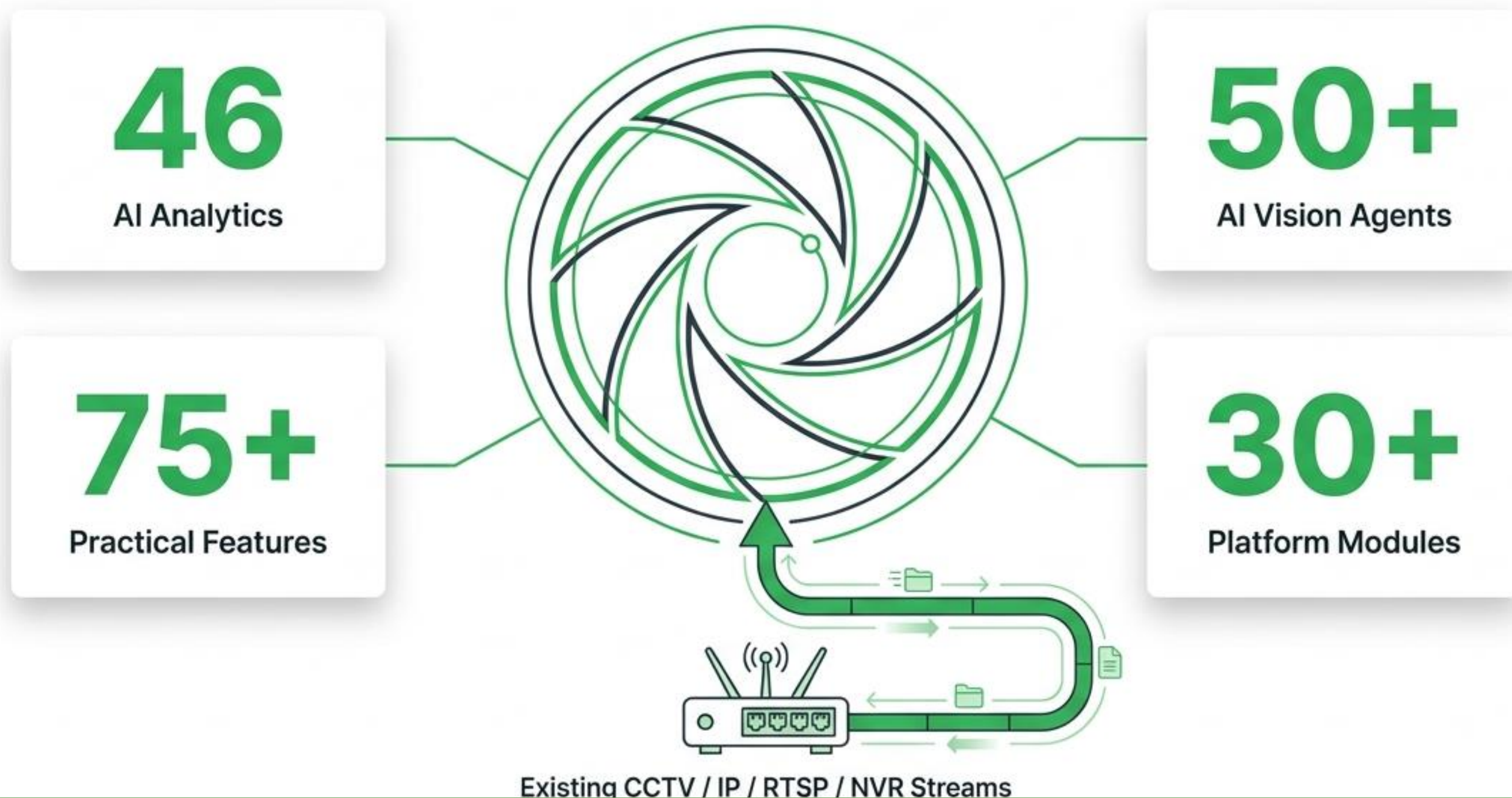


# Upgrading Passive Camera Networks into Active AI Operations.



# The Scale of the Cactus AI Platform

Cactus AI upgrades passive camera networks into active, searchable, accountable AI operations.



# Transforming Video Evidence into Business Intelligence

## Traditional CCTV



### Manual Monitoring

Operators cannot watch every feed continuously.



### Slow Search

Long video reviews delay incident response.



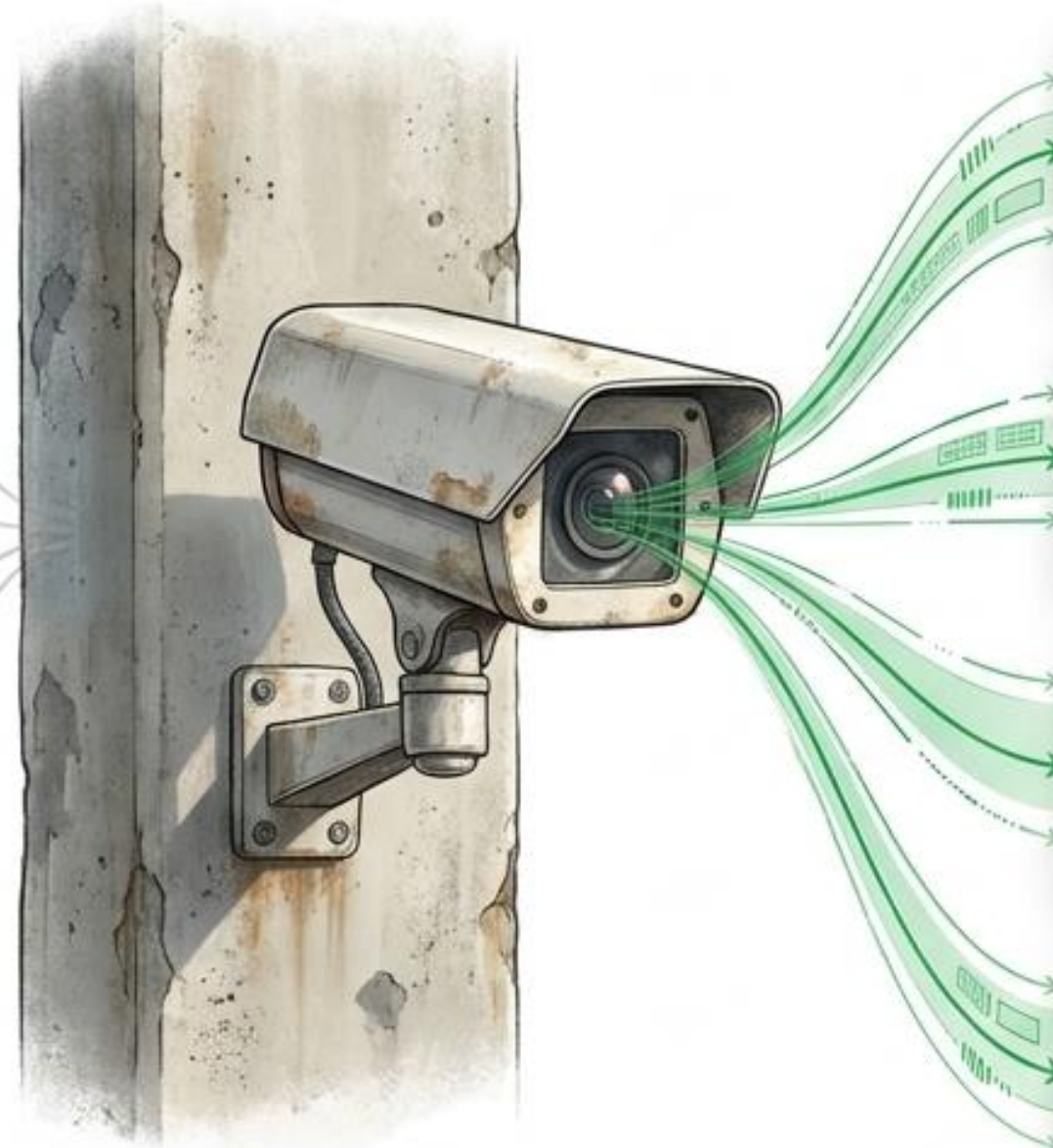
### Missed Events

PPE, intrusion, and fire go unnoticed until later.



### Limited Insight

Raw footage rarely becomes operational KPIs.



## Cactus AI



### Continuous AI

Agents watch streams 24/7 and generate instant alerts.



### Searchable Evidence

Instant multi-camera search capabilities.



### Proactive Alerts

Immediate flagging of safety and compliance events.

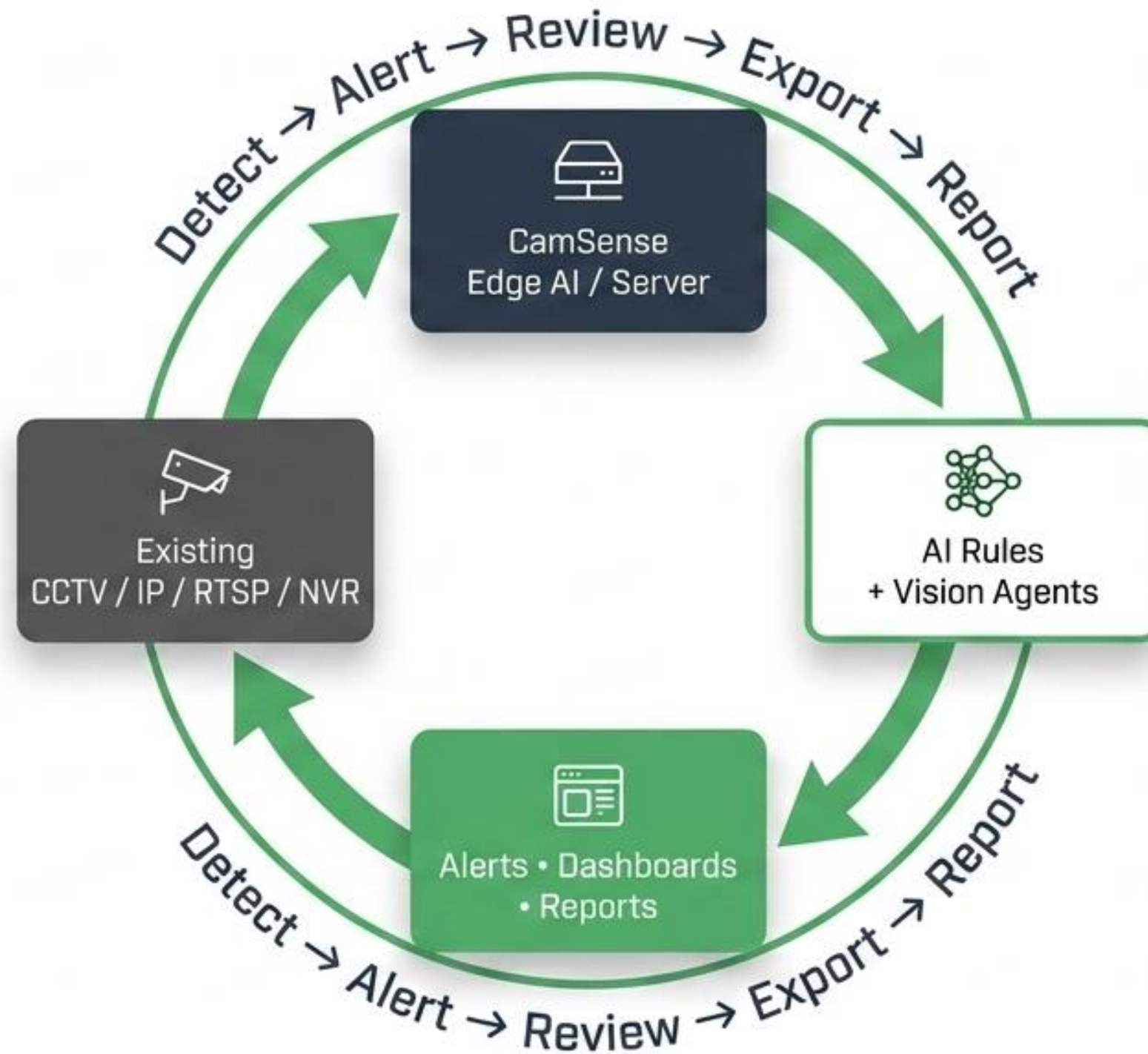


### Actionable KPIs

Camera activity converts into management dashboards.

# The Managed AI Operating Loop

Camera feeds become a continuous, closed-loop system of detection, alerting, and reporting.



# A Unified Command Center for Vision Operations

## AI-Agent Dashboards



Separate modular views for each capability and workflow.

## VMS + Playback



Live monitoring, incident timelines, and searchable evidence review.

## Device Health



Real-time alerts for offline cameras or weak infrastructure.

## No-Code Rules Engine



Draw zones, set schedules, and build escalation rules without coding.



# One AI Platform Powered by Three Specialized Senses



## CamSense

### Core

General AI Video Analytics

### Key Features

No-code rules, operational reports, incident dashboards.

### Ideal For

Safety, compliance, existing CCTV infrastructure.



## FaceSense

### Core

Identity-Aware Computer Vision

### Key Features

Face detection, unknown-person alerts, multi-camera search.

### Ideal For

Attendance, visitor workflows, restricted-area monitoring.



## PlateSense

### Core

Vehicle Identification & ANPR

### Key Features

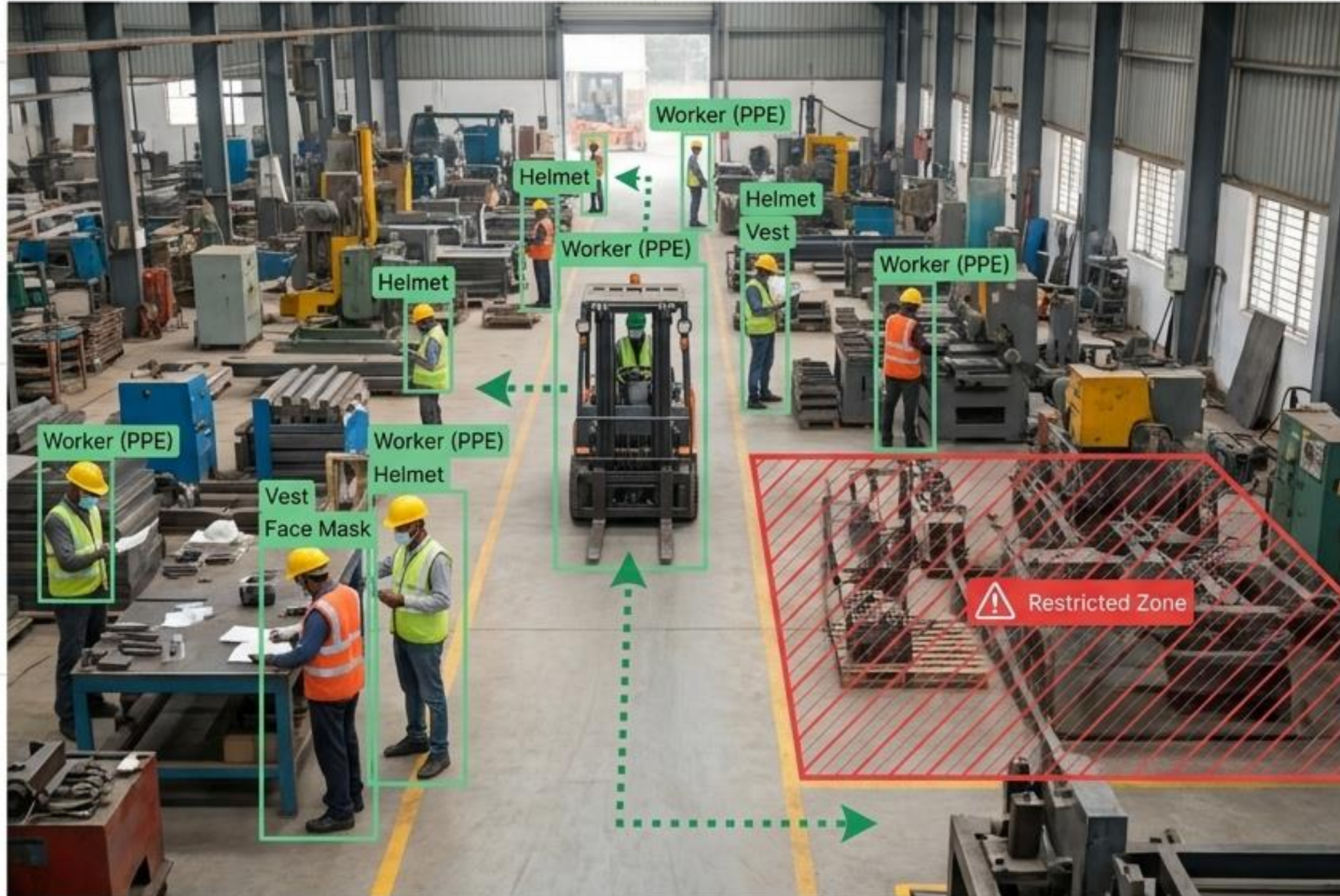
Entry-exit logs, whitelist/blacklist alerts, gate API automation.

### Ideal For

Parking occupancy, boom-barrier integration, campus mobility.

Deploy one solution for a focused pilot or combine all three inside a complete Command Center workflow.

# CamSense: Upgrading Existing Infrastructure



## Seamless Integration

Native compatibility with existing CCTV, IP, and RTSP streams.

## Automated Safety

Instant alerts for fire, smoke, falls, and workstation compliance.

## Export-Ready Data

Raw video transformed into auditable compliance summaries and operational KPIs.

# FaceSense: Identity and Access Visibility



## Frictionless Attendance

In/out logs with precise timestamps and location filters across enrolled users.

## Security Workflows

Watchlist alerts and restricted-area checks triggered in real-time.

## Cross-Camera Tracking

Multi-camera search capabilities for rapid incident reconstruction.

# PlateSense: Vehicle Intelligence and Gate Automation



## Precision Capture

ANPR/LPR capture with verifiable plate and vehicle image evidence.

## Facility Intelligence

Entry-exit logs, parking occupancy dashboards, and dwell-time analytics.

## Actionable Automation

Boom-barrier ready integrations and whitelist/blacklist automated alerts.

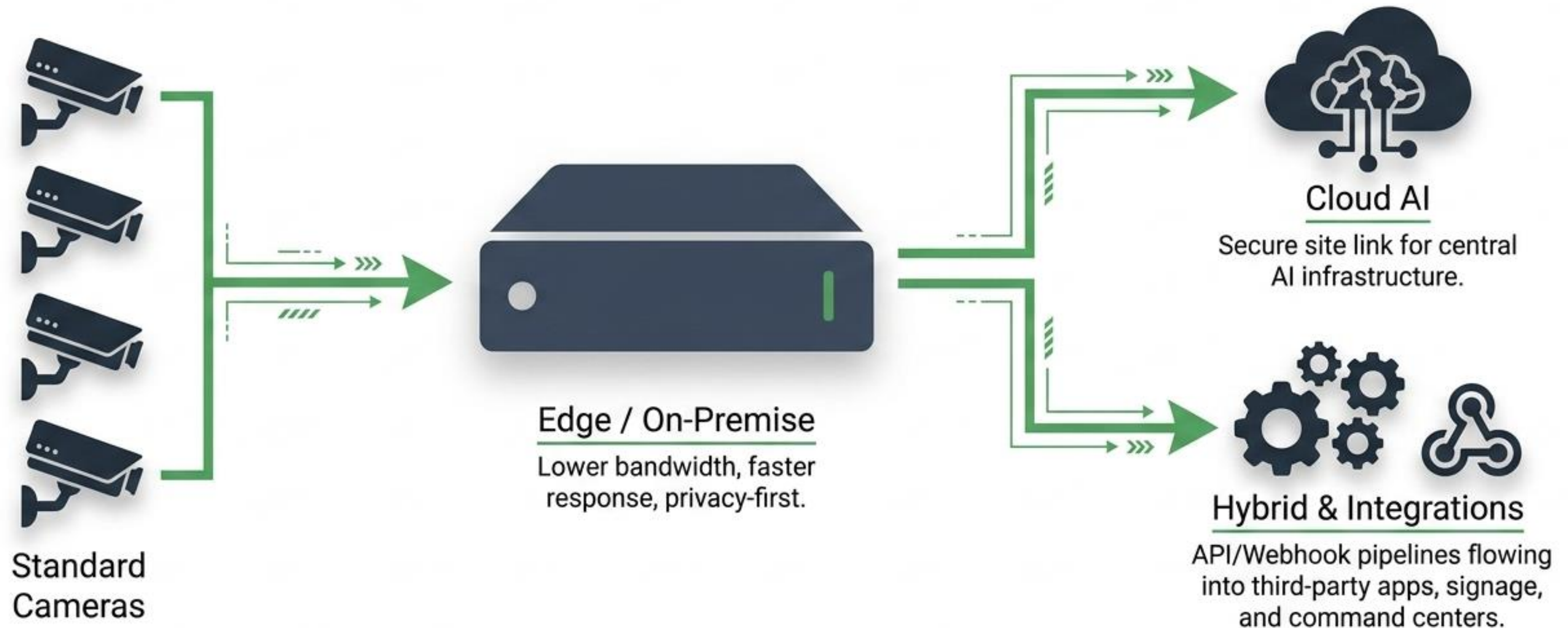
# 50+ Vision Agents Categorized by Business Value

|  Safety / EHS |  Security |  People & Identity |  Vehicles & Parking |  Retail / Facilities |  Operations |
|------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------|
| PPE                                                                                            | Intrusion                                                                                  | People Counting                                                                                       | ANPR                                                                                                   | Footfall                                                                                                | Camera Health                                                                                  |
| Helmet                                                                                         | Loitering                                                                                  | Queues                                                                                                | Occupancy                                                                                              | Dwell Time                                                                                              | VMS Alerts                                                                                     |
| Fire / Smoke                                                                                   | Unattended Object                                                                          | Attendance                                                                                            | Speed                                                                                                  | Checkout Queues                                                                                         | Escalation Workflows                                                                           |
| Fall Detection                                                                                 | Tailgating                                                                                 | Visitor Intelligence                                                                                  | Wrong-Way                                                                                              | Customer Flow                                                                                           |                                                                                                |
| Unsafe Areas                                                                                   | Vandalism                                                                                  |                                                                                                       | Gate Workflows                                                                                         |                                                                                                         |                                                                                                |

# Industry-Ready Intelligence for Every Environment



# Flexible Deployment Architecture



Process critical cameras locally and route lower-priority analytics centrally without replacing your network.

# Ethics, Privacy, and Built-In Governance

## RBAC & Permissions

Strict role-based access for admins, operators, and viewers.

## Enrollment Governance

Face recognition mandates proper consent, legal review, and restricted data access.

## No Private Spaces

Algorithmic geofencing to permanently exclude washrooms, changing rooms, and private areas.

## Secure Integrations

Audited APIs with human-in-the-loop approvals for sensitive physical actions.



# Ownership-Friendly Deployment and Next Steps

## **Software: One-Time Camera License**

Highlighting software permanence and predictable capital expenditure.

## **Hardware/Support: Optional Edge Hardware & Implementation**

With Annual AMC from Year 2.

### **1. What we need**

Camera list, site map, priority use cases, and IT details. (Pilot estimator: ~25 cameras per edge box).

### **2. What we deliver**

Configured AI agents, dashboards, alerts, and a scale-up BOQ.

### **3. Business Outcome**

Safer operations, searchable evidence, and management visibility.