



KRYPTON AI TECHNOLOGIES

INTELLIGENCE IN MOTION.

Building the AI infrastructure that helps cities, institutions and critical operations see, decide and act.

ONE INTELLIGENCE LAYER

We turn traditional infrastructure into systems that think.

From roads and public spaces to defence and urban services, Krypton connects computer vision, edge AI and IoT to make operations:

01

Visible

02

Predictive

03

Autonomous

Critical infrastructure is generating more data— and acting on less of it.

Legacy systems watch. They rarely understand.

- 01 Fragmented sensors and control rooms create blind spots.
- 02 Manual decisions arrive after congestion, risk or waste has escalated.
- 03 Imported platforms struggle with the complexity of Indian operating conditions.

FROM SIGNAL TO ACTION

Krypton gives infrastructure the ability to understand.

Our unified AIoT layer observes live environments, interprets events at the edge and turns insight into coordinated action—without replacing the infrastructure already in place.

01

Sense

Cameras · sensors · devices

02

→ Understand

Vision AI · edge intelligence

03

→ Act

Alerts · automation · control

05 UNIQUE VALUE PROPOSITION

FROM INNOVATION TO EXECUTION

We make existing infrastructure intelligent—not obsolete.

01 End-to-End Deep-Tech Expertise

AI, computer vision, IoT, embedded systems, electronics, manufacturing and software engineering under one organisation.

03 Infrastructure-First Approach

Maximises existing infrastructure while minimising deployment cost and time.

05 Deployment-Ready Technology

TRL 8–9 solutions deployed in airports, smart cities, research institutions and high-security environments.

02 Seamless Third-Party Integration

Works with existing cameras, sensors, controllers and legacy infrastructure without vendor lock-in.

04 Tailored AI Solutions

Designed around customer-specific operational requirements—not fixed products.

06 Innovation to Execution

Concept, design, manufacturing, deployment and long-term support from a single technology partner.

ONE INTELLIGENCE PLATFORM

Four product families. One technology core.

01

Vision Intelligence

Video analytics · VMS · perimeter intrusion · safety and security automation

Transforms existing camera networks into real-time detection, tracking and actionable alerts.

02

Intelligent Mobility

ATCS · ITMS · tolling · smart parking · adaptive junction automation

Coordinates traffic infrastructure to reduce congestion and improve movement across cities.

03

Secure Operations

GARUD counter-UAS · pass management · ticket verification · access control

Protects high-security environments through unified identification, verification and response.

04

Connected Infrastructure

Universal IoT control · smart waste · VDB · signals · environmental sensing

Connects field devices and legacy assets to one remotely managed operational layer.

DEPLOYMENT-READY GROWTH ENGINES

Built to operate. Built to scale.



01

AI Video Analytics

Transforms existing CCTV into real-time intelligence for safety, security, compliance and asset monitoring.

30+
AI MODELS



02

Distributed VMS

Centralised, scalable monitoring, recording and analysis across distributed camera networks.

S-G-T-M
ONVIF PROFILES



03

Adaptive Traffic Control

Dynamically optimises signal timings using real-time traffic conditions and edge AI.

LIVE
EDGE DECISIONS



04

GARUD

AI- and RFID-based accountability across weapons, ammunition, maintenance and personnel.

CISF
AIRPORT
OPERATIONS

SHARED CORE. EXPANDING APPLICATIONS.

One platform extends across every infrastructure mission.

Protect01	Move02	Operate03
Perimeter Intrusion Detection Pass Management Ticket Verification	Krypto Park Pravaah Toll Management Smart Countdown Timer	Smart Waste Management Universal IoT Controller Smart VDB Solutions

DIFFERENT USE CASES. THE SAME INTEGRATION-READY AI, IOT AND EDGE FOUNDATION.

A LARGE MARKET. A CAPITAL-EFFICIENT PATH IN.

Built for an **\$84B** intelligent-infrastructure opportunity.

\$84B

Global smart infrastructure and AI-surveillance market by 2030

TAM

\$22B

Smart-city and traffic opportunity growing at a 24% CAGR

SAM

\$1–2B

Airports, ports, roads and industrial sites within Krypton's reachable market

SOM

Land. Expand. Recur.

01

Project contracts

02

Expansion revenue

03

Recurring SaaS

PROVEN IN THE FIELD

Trusted where infrastructure cannot fail.



01 · AIRPORT AUTHORITY BHOPAL

Flight Information Display System

Real-time passenger information and operational display infrastructure.



02 · SMART CITY GWALIOR

Smart Information Displays

A connected digital-signage network for public information.



03 · SMART CITY BHOPAL

ICCC + Challan Automation

Automated traffic-violation detection integrated with command-and-control operations.



04 · SMART CITY BILASPUR

Weather Sensor Integration

Real-time environmental sensing connected to public displays.



05 · CISE BHOPAL

GARUD

Digital weapon and ammunition inventory, tracking and accountability.



06 · PWD BHOPAL

Solar ATCS

Adaptive signal timing driven by real-time urban traffic flow.



07 · CISE AURANGABAD

GARUD

Operational readiness and asset accountability in a high-security environment.



08 · NAGAR NIGAM JABALPUR

Adaptive Traffic Control

Intelligent signal management for smoother urban mobility.



09 · BARC MUMBAI

AI Meter Reading

Computer vision automates monitoring without replacing legacy meters.



BUILT FOR EXECUTION

Three founders. One operating system.



CEO & CO-FOUNDER

**Arpit
Shrivastava**

Owns company strategy, vision and government relationships; leads engagements across BARC, CISF, AAI and Smart City missions.

STRATEGY · TECHNOLOGY · GROWTH



COO & CO-FOUNDER

**Bhumika
Wallabhadas**

Oversees company-wide operations, keeping execution and delivery aligned across every live deployment and new market.

OPERATIONS · DELIVERY · SCALE



CFO & CO-FOUNDER

**Abhay
Athya**

Leads financial planning and project governance across government and enterprise contracts, budgets and delivery timelines.

FINANCE · PROJECTS · GOVERNANCE

COMPLEMENTARY LEADERSHIP

One team connects the boardroom, engineering floor and deployment site.