



**SMIPL**

SMART MONITORING INNOVATIONS PVT. LTD.

INNOVATING FUTURE . . .

— COMPANY PROFILE · 2026

# Mission-critical infrastructure, *intelligently monitored.*

*India's first AI-enabled Integrated Command & Control Centre for Coal India. Full-stack EPC integrator for the nation's critical infrastructure — since 2009.*

5,000+

CAMERAS LIVE

50+

ACTIVE SITES

15+

STATES SERVED

16+

YEARS · DEBT-FREE

► VISIT US AT

[www.smiplindia.com](http://www.smiplindia.com)

ISO 9001:2015

ISO 27001:2013

MSME RECOGNISED

GEM VENDOR

NEW DELHI · INDIA · EST. 2009



## 01 · WHO WE ARE

# A full-stack EPC integrator for India's most *critical infrastructure.*

*For sixteen years, SMIPL has engineered mission-critical systems for India's government, PSU and industrial clients — where uptime is not optional and trust is earned site-by-site.*

Smart Monitoring Innovations Pvt. Ltd. was founded in 2009 in New Delhi as an engineering-led integrator for AI surveillance, ICCC command centres, SCADA automation, LT/HT electrical panels, data centre EPC, and HVAC systems. We serve Coal India subsidiaries (WCL, SECL), hydro and thermal power majors (NHPC, NTPC, SJVN, NHDC), Airports Authority of India (AAI), the Indian Army, and state-level infrastructure bodies.

We built India's FIRST AI-enabled Integrated Command & Control Centre for the coal industry — for Western Coalfields Limited at Nagpur HQ. The deployment drew the attention of the Hon'ble Coal Minister and directly led to our engagement with South Eastern Coalfields Limited, covering Gevra & Kusmunda — the world's 2nd and 3rd largest coal mines by annual output.

**ESTABLISHED**

2009 · New Delhi  
16+ Years of Operations

**FINANCIAL STRUCTURE**

Debt-Free Since Inception  
100% Self-Funded

**REGISTERED OFFICE**

HR 7, Anand Parbat  
New Delhi – 110005

**R&D LAB**

TBI-SRI, 19 University Road  
New Delhi – 110007

*Our company name says it — we lead with innovation first. We reject monopoly, we chase the latest technology, and we bring it to clients who cannot afford downtime. That's the SMIPL promise.*

**MR. VASU GARG · FOUNDER & CEO**



02 · WHAT WE DO

# Six integrated capabilities. *One engineering partner.*

*SMIPL operates as a full-stack EPC integrator — from site survey and in-house panel fabrication to AI analytics, commissioning and decade-long service support. Nothing critical is outsourced.*

01 / 06

## AI-Powered Surveillance

Intrusion detection, PPE compliance alerts, smoke & fire recognition, vehicle counting, ANPR, truck-state classification — at enterprise scale.

VIDEO ANALYTICS    EDGE AI    VMS

02 / 06

## Command & Control Centres

End-to-end ICCC build — video-wall design, rack integration, GIS mapping, vehicle-tracking dashboards, escalation workflows and multi-site federation.

ICCC    VIDEO WALL    GIS · API

03 / 06

## SCADA & Automation

PLC-HMI-SCADA architecture for power distribution, water management and process industries. Remote telemetry and real-time KPI dashboards.

PLC    HMI    TELEMETRY

04 / 06

## Electrical Panels & EPC

In-house fabrication of AMF, APFC and distribution panels up to 2000 Amp with SCADA support. Full EPC for hydro-power stations and industrial plants.

LT / HT    HYDRO EPC    SITC

05 / 06

## Data Centre Integration

End-to-end data centre build — server-rack layout, precision cooling, redundant UPS + DG, fire suppression and BMS integration.

SERVER RACK    PRECISION AC    BMS

06 / 06

## HVAC & Precision Control

Air-cooled chiller plants up to 140 TR, precision AC for mission-critical facilities, and building-level HVAC for government and PSU complexes.

CHILLERS    PRECISION AC    BMS



03 · FLAGSHIP ENGAGEMENT

# India's first AI-enabled ICCC *for the coal industry.*



CLIENT

**WCL**  
COAL INDIA GROUP

SCOPE

**AI ICCC**  
DESIGN · INTEGRATE · OPERATE

CAMERAS

**500+**  
SCALABLE TO 1,000+

COVERAGE

**10 Areas**  
CENTRAL INDIA

Western Coalfields Limited — a Coal India subsidiary — engaged SMIPL to transform its fragmented, area-level CCTV into a unified, AI-enabled command ecosystem. The result became the benchmark ICCC deployment for Indian mining, designed to scale from 500 cameras to 1,000+ and built to operate 24x7 on a six-year SLA.

The federated architecture keeps 10 area-level NVRs for resilience while the central ICCC at WCL's Nagpur HQ aggregates all live feeds, analytics events and alerts into a single command view. The deployment runs ten concurrent AI analytics models — intrusion, ANPR, PPE compliance, crowd detection, camera tampering, wrong-way movement, entry/exit tracking, loading-state analytics, wrong-parking, idle-time alerts.

The project drew the attention of the Hon'ble Coal Minister of India, who reviewed the operational deployment. It has since been briefed to senior Coal India leadership as a reference implementation — establishing SMIPL as a trusted delivery partner within the Coal India ecosystem.



04 · REPEAT ENGAGEMENT

# The command centre for the *world's largest coal mines.*



CLIENT

**SECL**

COAL INDIA GROUP

SCOPE

**AI ICCC**

INDEPENDENT CONTRACT

CAMERAS

**832**

AI SURVEILLANCE

COVERAGE

**13 Areas**

GEVRA · KUSMUNDA

After SMIPL's successful WCL ICCC deployment, South Eastern Coalfields Limited — a separate Coal India subsidiary with a separate tender, scope and contract — engaged SMIPL to build its own AI-enabled Integrated Command & Control Centre. The scope covers 832 cameras across 13 operational Areas including Gevra and Kusmunda, the 2nd and 3rd largest coal mines in the world by annual output.

The SECL ICCC features 16 video-analytical servers running ten concurrent analytics event-types across a scalable enterprise VMS. The deployment operates 24x7 from SECL HQ Bilaspur on a six-year SLA with three dedicated on-site operators in shifts.

Together, the WCL and SECL ICCC deployments make SMIPL the only engineering integrator in India with independent AI-ICCC production references across two major Coal India subsidiaries — a distinction that informs every subsequent Coal India engagement we pursue.



05 · CLIENT ROSTER

# Sixteen years. *Earned relationships.*


SMIPL is empaneled with multiple government bodies and PSUs across defence, coalfields, power, aviation and infrastructure — PAN India.



**WCL**  
COAL INDIA · MINIRATNA



**SECL**  
COAL INDIA · MINIRATNA



**NHPC**  
HYDRO POWER · NAVRATNA




**NTPC**  
THERMAL · MAHARATNA



**SJVN**  
POWER GENERATION · PSU




**NHDC**  
NARMADA HYDRO · PSU



**AAI**  
AIRPORTS AUTHORITY




**DTIC**  
DELHI TRANSPORT INFRA



**National Zoo**  
NEW DELHI · GOI



**MMDU**  
NAAC A++ · MULLANA



**Indian Army**  
DEFENCE · BORDER OPS

**GoI**  
**MSME**  
RECOGNISED VENDOR



06 · SECTORS SERVED

# Six sectors. *One commitment to uptime.*

*SMIPL delivers mission-critical infrastructure across sectors where failure is not an option — from coalfield command centres to border surveillance, from hydro-power stations to airport apron security.*

## Defence & Border Security

INDIAN ARMY · INDO-PAK BORDER

Long-range ruggedised surveillance systems for sensitive deployments. Details under NDA.

## Coalfields & Mining

WCL · SECL · COAL INDIA

AI-enabled ICCC, RFID automation, weighbridge surveillance across 23 operational Areas.

## Power · Hydro & Thermal

NHPC · NTPC · SJVN · NHDC

Electrical panels, SCADA systems, HVAC and precision cooling for hydro-power stations.

## Aviation & Transport

AAI · DTIDC

Airside PTZ surveillance with weather-resistant housings, integrated into central monitoring.

## Government & PSU

CENTRAL · STATE · GEM VENDOR

Data centre EPC, ICCC systems and complex HVAC for government complexes across India.

## Education & Institutions

MMDU · NATIONAL ZOOLOGICAL PARK

Campus-wide surveillance, access control, and integrated security for institutional clients.



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— 07 · WHY SMIPL

## What makes us *the right partner.*

### IN-HOUSE FULL-STACK CAPABILITY

Panel fabrication, R&D lab, PCB-level rework, tower erection, commissioning and 24×7 operations — all under one roof. No dependency chains when uptime is on the line.

### DEBT-FREE EXECUTION

Self-funded since 2009 — no bank overdrafts, no cash-flow wobbles. Matters when a PSU pays on milestones across a six-year SLA.

### ISO 9001 + ISO 27001 CERTIFIED

Process discipline plus information security — essential for systems handling sensitive operational data from strategic national resources.

### DOMAIN ENGINEERING CONTEXT

SMIPL engineers walk the sites — from Umrer to Wani North, from Gevra to Kusmunda — we know the failure modes, we write the analytics thresholds from the field, not a spec sheet.

### API-FIRST, INTEGRATION-READY

Designed from day one to connect with RFID boom barriers, GPS vehicle tracking (IVTS), weighbridges, despatch and production systems — and for future federation with corporate dashboards.



## 08 · LEADERSHIP

# Led by *engineering conviction.*



## Mr. Vasu Garg

### FOUNDER & CEO

Mr. Garg founded SMIPL in 2009 with a conviction that India's mission-critical infrastructure deserved a full-stack engineering partner — not another reseller, not another SI layer. Sixteen years on, that founding principle shapes every decision at SMIPL.

Under his direct leadership, SMIPL built India's first AI-enabled ICCC for the coal industry, followed by an independent engagement with SECL covering the world's 2nd and 3rd largest coal mines. Every tender enquiry at SMIPL is reviewed personally by leadership — no call centres, no middle layers.

*We reject monopoly, we chase the latest technology, and we bring it to clients who cannot afford downtime. Our clients don't pay us for equipment — they pay us for the assurance that the system will work, every shift, every day, for the life of the contract.*

MR. VASU GARG · FOUNDER & CEO · SMIPL



09 · CONTACT & COMPLIANCE

# Direct to *engineering leadership.*

Every enquiry is reviewed by SMIPL's engineering leadership — not filtered through call centres. Preliminary response within 72 hours for structured RFQs.

### SALES & RFQ

[info@smiplindia.com](mailto:info@smiplindia.com)

PRIMARY ENQUIRY CHANNEL

### PHONE / WHATSAPP

+91 95998 33247

SALES · 10AM – 7PM IST

### ENGINEERING DIRECT

+91 99534 76389

OPERATIONS · 10AM – 7PM IST

### WEB

[www.smiplindia.com](http://www.smiplindia.com)

FULL PORTFOLIO · CASE STUDIES

### REGISTERED OFFICE

HR 7, Anand Parbat  
Industrial Area  
New Delhi – 110005  
INDIA

### R&D LAB

TBI-SRI  
19 University Road  
New Delhi – 110007  
INDIA

### LEGAL COMPLIANCE

CIN · U74140DL2009PTC197136  
GSTIN · 07AANCS7062A2ZC

### CERTIFICATIONS

ISO 9001:2015  
ISO 27001:2013  
MSME Recognised · GoI  
GeM Vendor

— INNOVATING FUTURE . . . —

# When uptime is *not optional*, choose SM IPL.

*Sixteen years of mission-critical engineering for India's most important infrastructure. Debt-free, ISO-certified, PSU-trusted.*

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