



2026



UCHIT

TECHNOLOGY (P) LIMITED

SIMPLIFYING TECHNOLOGY

ADVANCE AI & SECURITY
SOLUTIONS



uchittechnology.com



About Us.

Uchit Technology Pvt. Ltd. is a forward-thinking technology company at the forefront of fire safety, automation, and AI-driven analytics. Established with a clear mission to make lives safer, smarter, and more efficient, Uchit has become a trusted name in India for comprehensive fire protection solutions, fire safety audits, design consultancy, and intelligent automation systems.

As a recognized Indian company and MSME certified enterprise, we are among the few Indian companies developing AI/ML-based custom video analytics systems for modern manufacturing environments. Our work spans manufacturing units, industries, homes, institutions, and commercial spaces across India, while we continue expanding globally with innovative AI-driven solutions tailored for the future of smart industrial environments.

OUR AI SOLUTIONS



PPE Compliance Detection

Instant alerts if workers enter zones without helmets, high-visibility vests, safety gloves, or any required protective equipment. 100% frame-by-frame verification.



Hazardous Zone Monitoring

Virtual tripwires around dangerous machinery and high-voltage areas prevent unauthorised access. Pose estimation tracks workers entering no-go robotic zones.



Advanced Fire & Smoke Detection

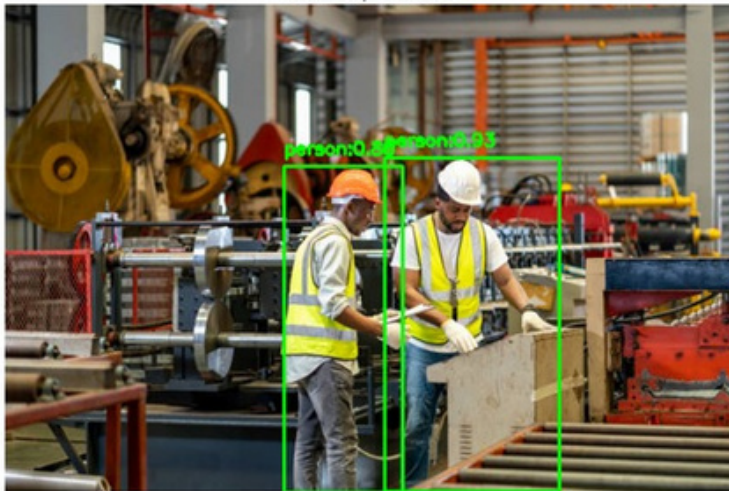
Detects flames and non-thermal smoke in large open spaces where traditional heat sensors fail. Average response time under 30 seconds vs. 4–6 minutes conventionally.

OUR AI SOLUTIONS



Vehicle Intelligence

Monitors forklift speeds, near-miss incidents, and pedestrian path violations in real time. Auto-classifies vehicles and detects direction/speed anomalies.



Crowd & Person Count

Real-time density heatmaps and stampede prediction. Monitors occupancy in restricted zones, evacuation paths, and entry points with automated alerts.

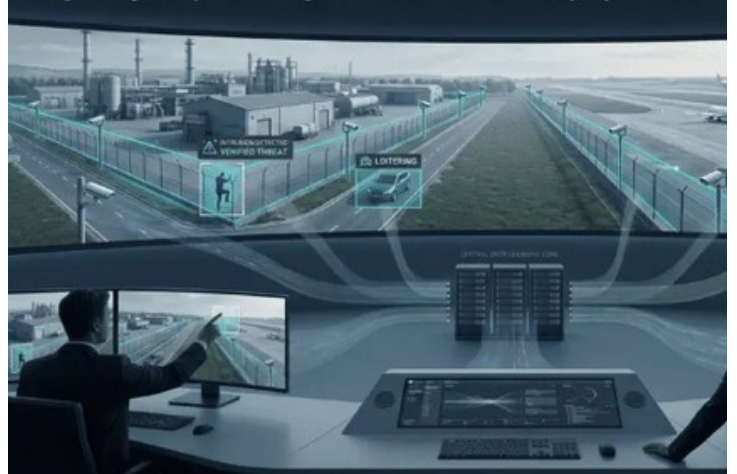


Perimeter Intrusion Detection

Autonomous 24/7 perimeter watch with visual alerts. 96% detection rate and 91% reduction in false alarms compared to manual monitoring systems.

AI-Powered Perimeter Intrusion Detection

Integrating Deep Learning into Proactive Security Systems





Our Philosophy.

At UchitTechnology, we believe that safety is a fundamental right, not a luxury reserved for a few. Our philosophy is grounded in the conviction that advanced, reliable, and compliant safety solutions must be accessible to every home, business, and institution regardless of scale or budget.

We operate with unwavering integrity, placing the well-being of our clients, their communities, and our own team above all else. Every project we undertake is guided by a deep commitment to quality, compliance, and long-term reliability because when it comes to fire and safety, there is no margin for error.

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