Mendygo
-AI That Adapts

Mendy Vision AI

OUR FOCUS

✓ Automated Compliance
Replace sporadic manual checks with continuous, 24/7 verification of safety protocols.

Predictive Risk
Identify high-risk behavioral patterns before they escalate into reportable incidents.

"Brain Behind the Lens"

Mendy AI is the cognitive force that powers our Vision systems. Unlike static cameras that trigger false alarms, our deep learning models continuously train on your specific environment to distinguish between true safety hazards and harmless events.

IN DANGER

Mendy Vision AI

Mendy Vision AI deploys edge-native computer vision to transform standard CCTV infrastructure into an active intelligence network. By processing video data in real-time, it automates safety compliance and optimizes operational workflows.

01. Autonomous Monitoring

Continuous, 24/7 detection of high-risk behaviors and PPE violations with sub-second latency.

02. Operational Intelligence

Visualize workforce movement patterns and identify production bottlenecks using advanced heatmap analytics.

Value-added capabilities

CO$_2$ Emission Monitoring & Impact Tracking — 1

No Annual Subscription, Only Maintenance Cost — 2

Plug-and-Play Deployment, Minimal Setup Required — 3

One Unified Platform for All Solutions — 4

ISO-Aligned Standards & Compliance Ready — 5

Highly Customizable to Your Business Needs — 6

Why Mendy Vision AI Stands Out ?

Mendy Vision AI bridges the gap between rugged industrial requirements and advanced deep learning, delivering a system that is as robust as it is intelligent.

Automated PPE Enforcement

Safety isn't optional. It's non-negotiable. Mendy Vision AI acts as an always-on safety officer, digitizing your EHS policy. It verifies that every worker on the floor is fully protected against industrial hazards—ensuring 100% adherence to safety standards without the need for manual spot-checks

Continuous Surveillance

Transform standard CCTV into intelligent sensors that audit safety protocols 24/7.

✓ **VIS Clothes**

Collision Avoidance

Verify that every worker wears reflective gear in traffic zones.

✓ **Safety Footwear**

✓ **Protective Helmet**

Fatal Risk Mitigation

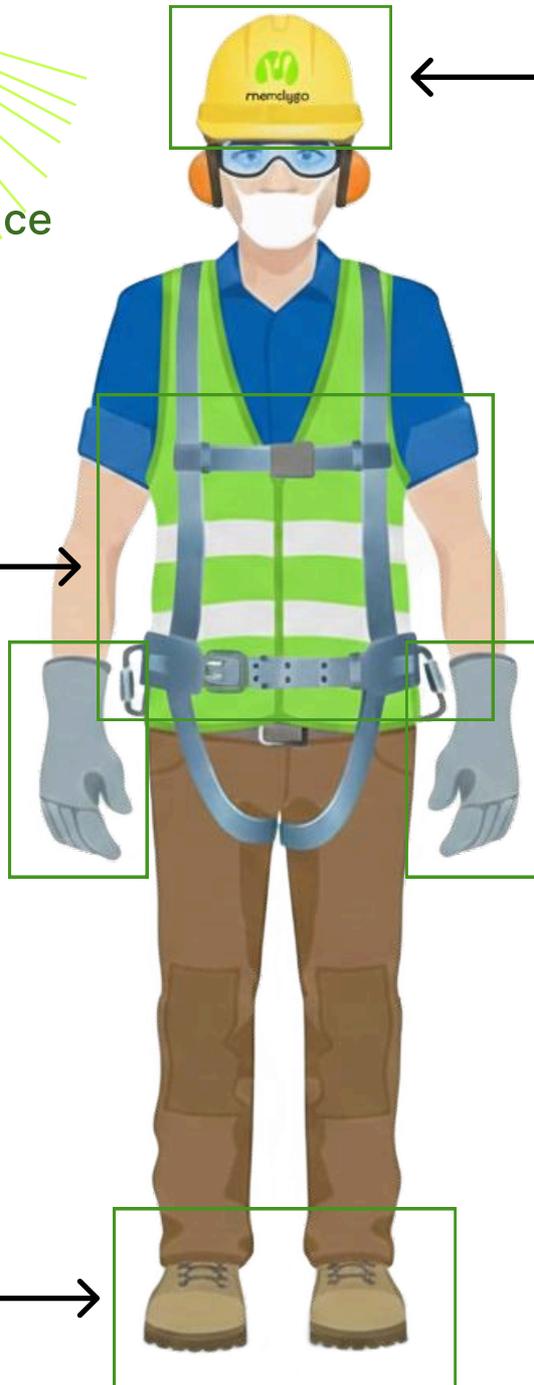Immediate detection of missing hard hats in designated "Head Protection Zones."

✓ **Safety Gloves**

Injury Prevention

Monitor hand protection compliance in high-risk areas .

PERSONAL PROTECTIVE EQUIPMENT

⚡ ELECTRICAL PROTECTION

- PROTECTIVE HELMET
- RUBBER GLOVES
- DIELECTRIC BOOTS
- SAFETY ROPE

☢ CHEMICAL PROTECTION

- GAS MASK
- RUBBER GLOVES
- RUBBER BOOTS
- CHEMICAL PROTECTION CLOAK

☣ BIOLOGICAL PROTECTION

- GAUZE MASK
- MEDICAL GLOVES
- BIO-PROTECTIVE GLASSES
- ONE-PIECE INSULATING CLOTHING

🔥 FIRE PROTECTION

- FIRE MASK
- FIREPROOF GLOVES
- OXYGEN CYLINDERS
- FIREPROOF SUIT

Flexible Connectivity

An integrated connectivity system that combines Radio Frequency, LAN Network, and Wi-Fi/Internet technologies to ensure seamless and reliable data communication. This unified approach enables efficient wireless transmission, secure local networking, and cloud-based access, making the solution scalable and well-suited for smart and IoT-driven applications.
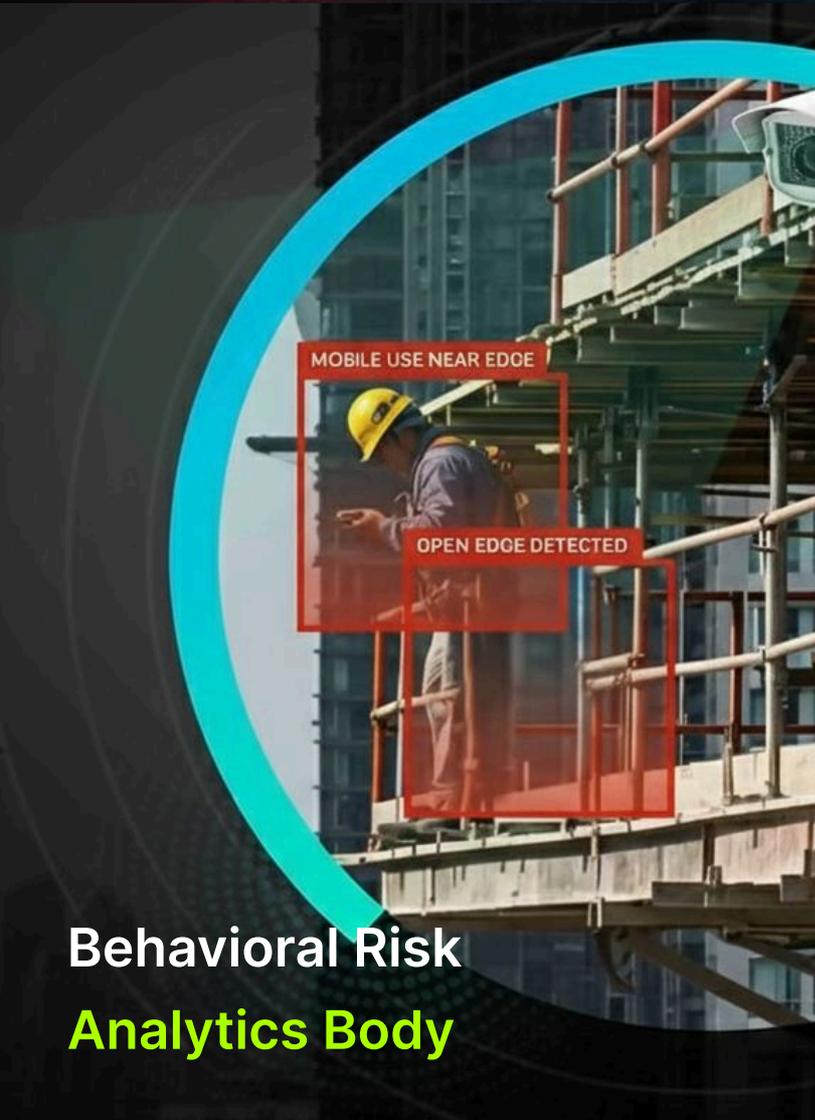
Radio Frequency

LAN Network

Wi-Fi / Internet
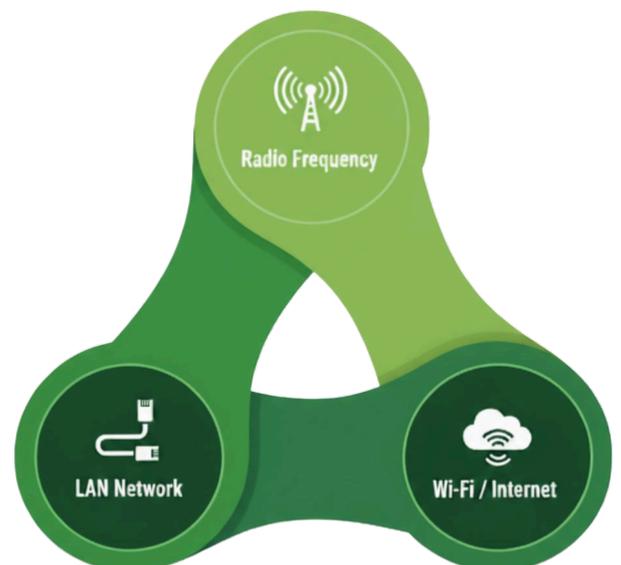
Visual Fire
**Intelligence Body**

Task-specific
Compliance Body

Behavioral Risk
Analytics Body

Man-Machine
Segregation Body

System
Architecture

Intelligence at the Edge. Control in the Cloud. Mendy Vision AI is built on a robust edge-to-cloud framework. We process video data locally to ensure milliseconds-latency and bank-grade security, while our cloud platform delivers centralized analytics and fleet-wide management.
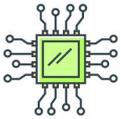
Mendy Edge Node

Ruggedized computing hardware that connects to your existing cameras to process video streams locally with zero lag.

Command Dashboard

A centralized "Control Tower" for viewing live alerts, safety trends, and site-wide compliance health in real-time.

Instant Alert Engine

Multi-channel notification system that delivers critical hazard warnings to supervisors via SMS, Email, or App instantly.

API Connectors

Seamless integration with your existing ERP, HRMS, or Safety Management Systems for unified data reporting.

Use Cases

PPE Compliance

Automated verification of Helmets, Vests, and Safety Gloves to ensure 100% adherence to site protocols

Early Fire Detection

AI detects the visual signature of smoke or fire seconds after ignition—often faster than thermal sensors.

Collision Avoidance

Real-time tracking of forklifts and pedestrians to prevent accidents in high-traffic warehouse aisles.

Perimeter Security

Autonomous intrusion detection for restricted zones, eliminating the need for static security guards.

OPERATIONAL EXCELLENCE

The Future of Industrial Safety

"Empowering enterprises with autonomous visual intelligence."

ZERO ACCIDENTS. ZERO EXCUSES.

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