

HawkVision AI – Supplemental Product Information

Overview

HawkVision AI is an AI-powered computer vision platform that transforms existing CCTV infrastructure into real-time safety and operational intelligence. Designed for industrial, construction, logistics, and enterprise environments, HawkVision helps organizations proactively prevent incidents, improve compliance, and gain actionable insights without replacing cameras.

Key Capabilities

- **Real-time hazard detection:** PPE violations, near-misses, slips/falls, intrusions, unsafe vehicle and pedestrian behavior
 - **Instant alerts & automation:** Notifications via dashboards and messaging, with optional automated actions
 - **Customizable rules & regions:** Site-specific business rules and regions of interest
 - **Dashboards & analytics:** Live monitoring, trends, counters, and exportable reports
 - **Scalable deployments:** From single sites to multi-site, enterprise-wide rollouts
 - **Edge or cloud processing:** Flexible deployment based on customer needs and network constraints
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Typical Use Cases

- Manufacturing and heavy industry safety monitoring
- Construction site compliance and hazard detection
- Warehouses, logistics, and forklift safety
- Oil & gas, utilities, and critical infrastructure
- Public and private facilities requiring continuous safety oversight

Deployment & Integration

- Works with existing CCTV (RTSP / NVR / DVR)
- Supports edge-based and cloud-based inference
- Integrates with Microsoft Azure services and Microsoft Entra ID (Azure AD)
- APIs available for integration with enterprise safety, EHS, and reporting systems

Security & Privacy

- Role-based access control and MFA support
- GDPR-aligned privacy controls with optional anonymization (faces, plates)
- Encrypted data in transit and at rest
- Secure logging, monitoring, and alerting
- Designed with secure coding practices aligned to OWASP Top 10

Business Value

- Reduce workplace incidents and downtime
 - Improve regulatory and safety compliance
 - Leverage existing camera investments
 - Enable data-driven safety and operational decisions
 - Lower long-term safety and insurance costs
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Getting Started

HawkVision AI supports proof-of-concept, pilot, and full-scale deployments. Customers can start small, validate value, and scale confidently across sites and regions.