

The Challenge: Protecting Complex Operations Around the Clock

Manufacturing facilities are hubs of innovation and production, housing valuable equipment, precious raw materials, intellectual property, and personnel. However, their large footprints, complex supply chains, and the constant flow of people and goods create unique physical security challenges. Threats like external intrusion, cargo and materials theft (including high-value copper), internal theft and fraud, vandalism, sabotage, and critical safety hazards persist 24/7, whether the plant is fully operational or idle. Traditional security often struggles to keep pace, leaving gaps in monitoring and reacting only after costly incidents occur.

Introducing Ambient AI: Intelligent Security for Manufacturing Resilience

Ambient AI provides manufacturing facilities with an advanced, AI-driven security solution, delivering unparalleled visibility and proactive threat management 24/7. By seamlessly integrating with your existing camera and physical access control systems (PACS), our platform intelligently identifies and flags potential security and safety incidents in real-time, ensuring robust protection for your operations, assets, and people.

Key Benefits for Manufacturing Facilities

- **Comprehensive 24/7 Security & Safety:** Maintain continuous vigilance across your entire facility, day and night.
- **Leverage Existing Infrastructure:** Enhance security posture without the immediate need for costly hardware replacement.
- **Proactive Threat & Hazard Prevention:** Identify and address security risks and safety hazards proactively, mitigating potential losses and injuries
- **Maximized Operational Efficiency:** Dramatically reduce false alarms and investigation times, freeing up security resources.
- **Faster Response & Resolution:** Equip teams with verified alerts for rapid response to security and safety incidents.

Tailored Solutions to Manufacturing Security & Safety Challenges

Ambient AI's platform is specifically designed to address the unique requirements of manufacturing environments, day and night:



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IMPOSSIBLE™

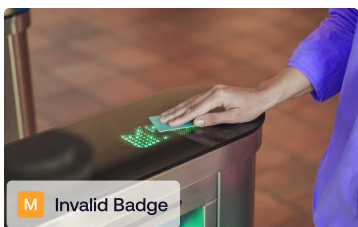
Rod Pearson
Director of Global Security

Ambient's efficiencies allow us to execute a broader range of security and risk management activities, rather than having our personnel locked down behind a mountain of manual tasks and alarm noise.



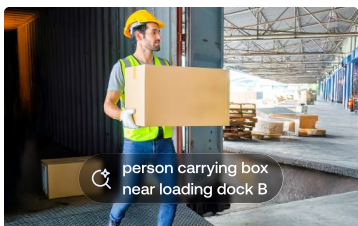
Proactive Threat Detection & Real-Time Response

Ambient AI continuously monitors your entire facility, including perimeters, production floors, warehouses, and loading docks. It instantly identifies threats like perimeter breaches (fence jumping), unauthorized access (tailgating, propped doors), suspicious loitering near sensitive areas or loading docks, potential theft indicators (asset removal/interaction), and person brandishing firearm. Receive immediate, actionable alerts with video context, enabling response 10x faster.



Intelligent Access Control Integration (Signals Intelligence)

Seamlessly connect with your existing PACS (e.g., C•CURE, Genetec, LenelS2, and Brivo). Ambient AI uses video verification to automatically validate access events, drastically reducing false alarms (>95%) from common issues like door-held-open alerts, allowing your security team to focus on genuine threats.



Rapid Incident Investigation (AI-Powered Forensics)

Accelerate investigations of theft, safety incidents, or unauthorized access by 20x. Quickly search across thousands of cameras using simple, contextual queries (e.g., "person carrying box near loading dock B," "blue forklift entering restricted zone") to understand incidents and gather evidence efficiently.



Enhanced Workplace Safety:

Go beyond traditional security. The platform detects critical safety hazards such as **person falling down** (as demonstrated in a manufacturing case study where it enabled life-saving intervention), blocked emergency exits, or potentially unsafe equipment operation patterns (depending on configuration), helping you maintain a safer environment and potentially support OSHA compliance efforts.

Build a Safer, More Secure Manufacturing Environment.

Choose Ambient AI.