

Workforce productivity and behavior insights

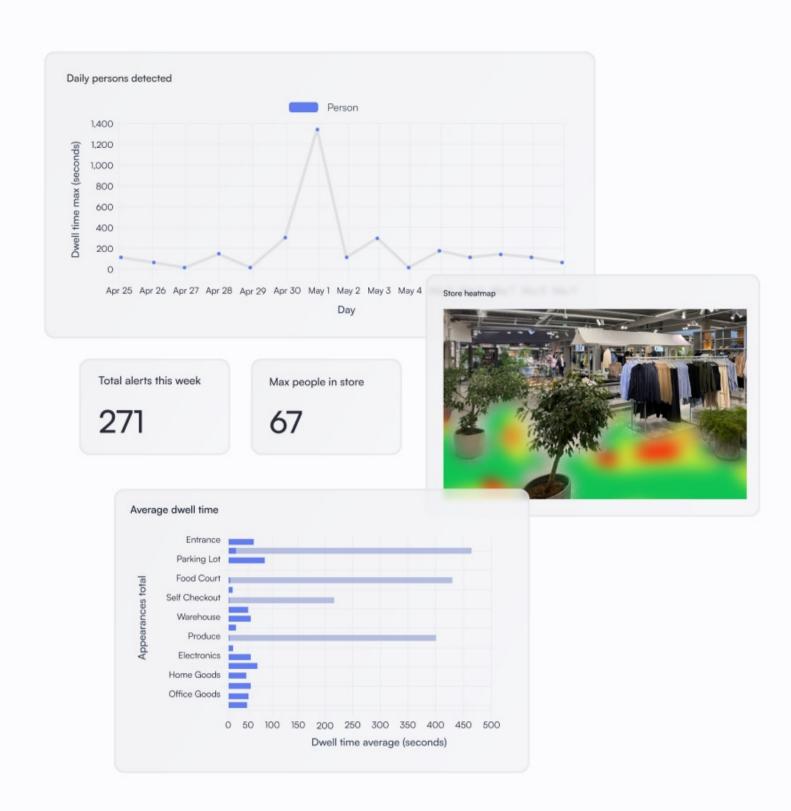
As labor costs rise and in-store fulfillment becomes the primary channel for digital orders, optimizing how employees interact with their environment is increasingly critical. Lumana leverages existing security camera infrastructure to provide real-time visibility into workforce behavior and fulfillment performance. The platform can detect late arrivals, periods of inactivity during order prep, and automatically trigger alerts when fulfillment delays occur.

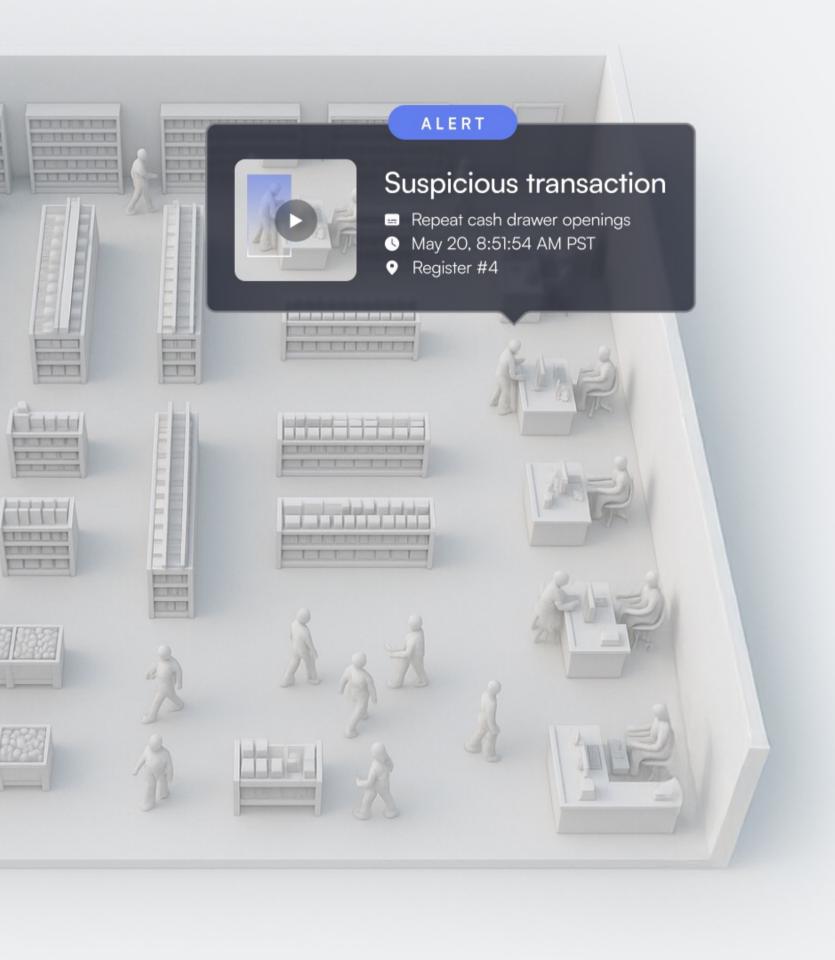
Through custom video Al models and open APIs, Lumana can track order receipt-to-fulfillment workflows and surface performance metrics in configurable dashboards. Teams can compare individual and group trends daily, weekly, or monthly, enabling operation leaders to identify bottlenecks, drive accountability, and optimize workforce productivity at scale.

Space utilization and customer experience impact

Store layout directly impacts both customer experience and operational efficiency, yet many design decisions are still made based on intuition rather than data. Lumana transforms existing video security infrastructure, providing deep visibility into how customers and employees navigate high-impact areas such as registers, pickup counters, and service zones. Through video-derived heatmaps and proprietary Al models, businesses can identify congestion points, monitor dwell times, track line formation, and analyze foot traffic and transaction activity.

Customizable dashboards can be created to visualize this data at the store, regional, or global level. At the same time, real-time alerts notify managers of potential issues as they arise, enabling immediate action and resolution. By leveraging real-world video data, Lumana helps teams accurately forecast and measure whether layout or operational changes will reduce friction, increase efficiency, or unintentionally disrupt flow.





POS integration for transaction monitoring

Integrating Lumana with point-of-sale (POS) systems creates a seamless connection between transaction data and video footage, reducing fraud and theft while unlocking new levels of operational visibility and efficiency. Every transaction is automatically paired with a corresponding video clip, allowing teams to quickly pinpoint and review specific events, dramatically cutting investigation time.

Lumana monitors all registers in real-time, identifying high-risk behaviors such as transactions executed without a customer present, frequent voids, repeated cash drawer openings, and unusual refund activity. Real-time alerts can be configured for these scenarios, enabling loss prevention and operation teams to respond immediately to potential incidents.

Custom dashboards provide a searchable, timestamped video log of every transaction across all locations, simplifying investigations, dispute resolution, and compliance verification. This integration strengthens accountability at the point of sale and empowers teams to proactively reduce shrinkage and maintain operational integrity with minimal overhead.

Key benefits for retail



Manage video security and Al

on one platform

BRING AI TO YOUR SOC

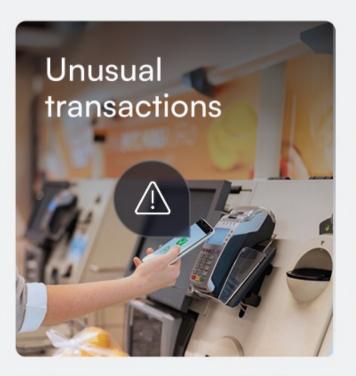
Receive intelligent, real-time insights from video

ADDITIONAL USE CASES

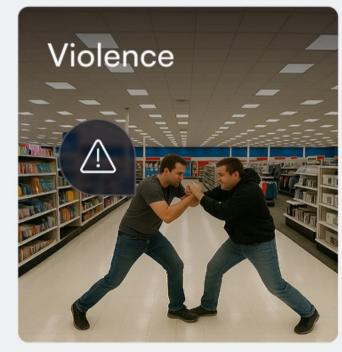
Security and safety







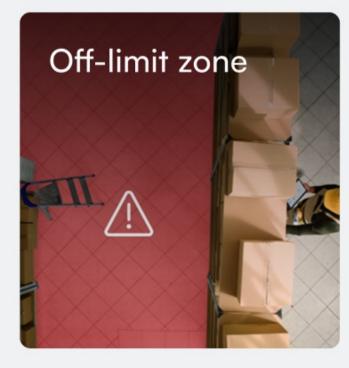


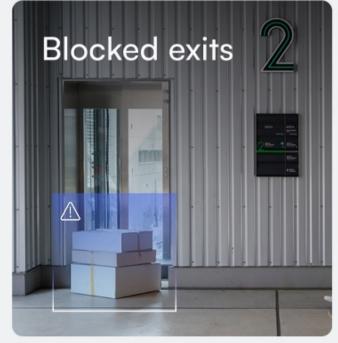


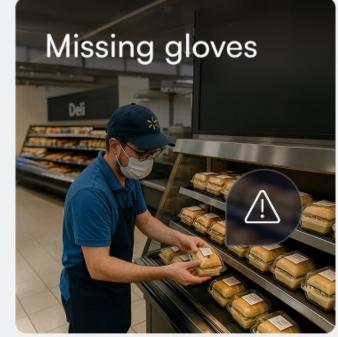








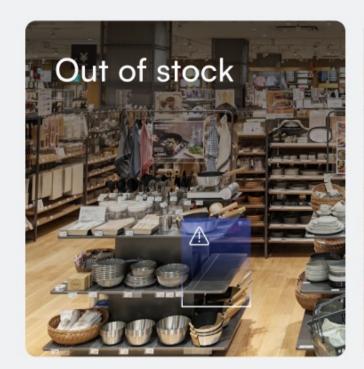


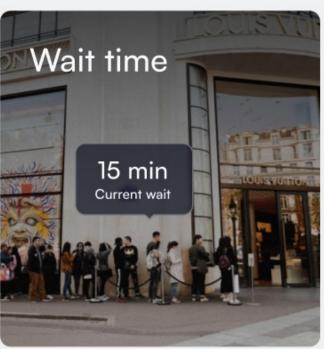


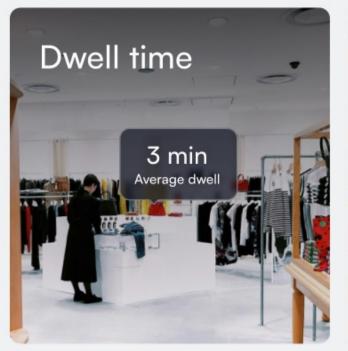
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ADDITIONAL USE CASES

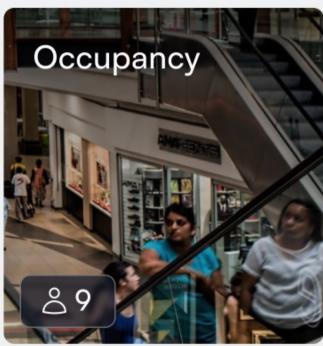
Operational analytics and insights

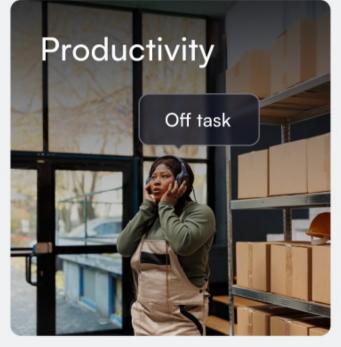


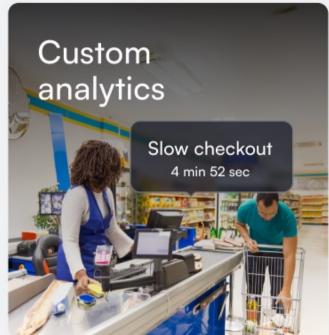












Final thoughts

Retail success today demands more than just visibility—it requires actionable intelligence that spans workforce performance, operational efficiency, customer experience, and safety. Lumana brings a new layer of insight to traditional video security systems by transforming passive camera infrastructure into a proactive, intelligent platform for retail operations.

From reducing fulfillment delays, improving store layout decisions, detecting known thieves, and enforcing safety standards, Lumana helps retailers move from reactive problem-solving to real-time optimization. Its flexible architecture, custom Al models, and seamless integrations with POS and business systems make it easy to deploy and scale across locations.

As retailers continue to adapt to new consumer expectations and operational challenges, Lumana offers a path forward: a smarter, more automated approach to understanding what's happening in-store at every moment. By making video data searchable, quantifiable, and deeply actionable, Lumana empowers organizations to turn video data into valuable insight.

