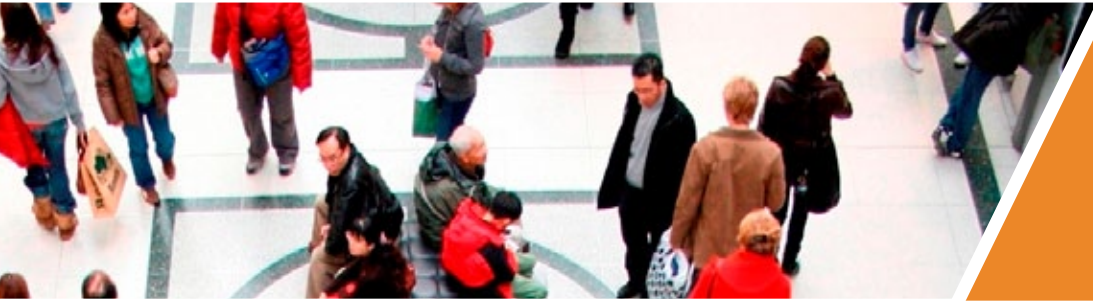


AGENT

Comprehensive Video Analytics Solutions



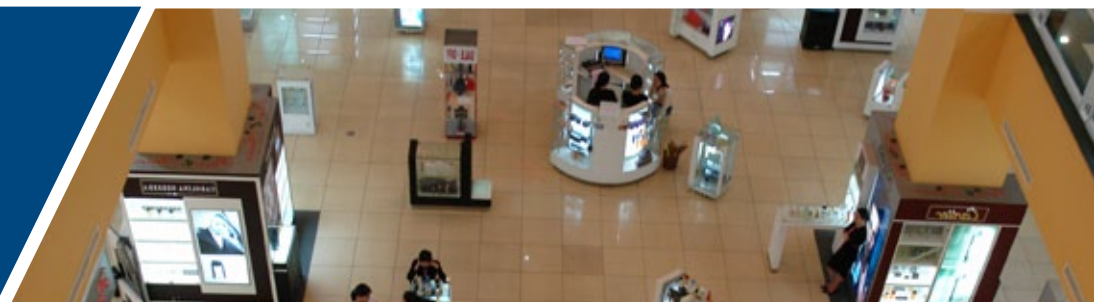
Customer Traffic

**In-Store
Customer Behavior**



Operational Efficiency

**Loss Prevention,
Security & Safety**

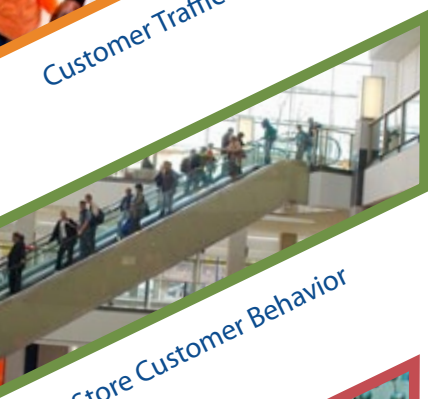


Video Analytics Applications for the Retail Market

How Agent Vi Can Maximize Store Productivity and Add Value to Your Operations



Customer Traffic



In-Store Customer Behavior



Operational Efficiency



Loss Prevention, Security & Safety

Agent Vi's video analytics solution for the retail market empowers retailers to increase the ROI on their surveillance networks. By offering retail-specific business intelligence and detection capabilities, Agent Vi helps to optimize operations and enhance security, safety and asset protection.

Understanding the customer is essential for maximizing business opportunities. Agent Vi's retail solution analyzes customer behavior and provides actionable insights that increase customer satisfaction, expand sales opportunities, optimize store performance, and ultimately, drive profitability.

Based on Agent Vi's open architecture, pure software approach, Agent Vi's retail solution seamlessly integrates with a wide range of edge devices and video management systems, in both new and existing surveillance networks.

For more information please visit:

www.agentvi.com



Customer Traffic

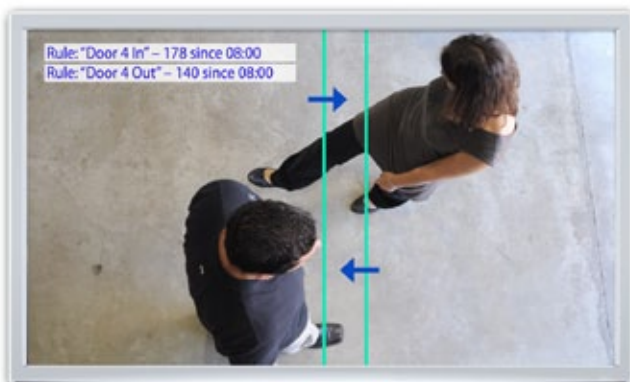
Do you measure store traffic?

Do you know which entrances / exits have the most traffic, and at what time?

Do you use traffic statistics to determine optimal staff deployment and promotion plans?

With Agent Vi's retail solution, you can:

- Count / compare / aggregate the number of people passing through each entrance / exit
- Determine how many customers are in the store at any time
- Track and compare the number of customers for different days and hours, allowing optimal planning for in-store promotions and events
- Improve customer service by adapting staff resources to match customer traffic
- Produce comprehensive statistical reports which allow for optimal short-term and long-term planning
- Compare the performance of different stores
- Use the traffic count together with POS data to calculate conversion rates



Measure store traffic (ingoing / outgoing) and compare traffic across different days / stores



Generate graphs to visualize traffic data per day / month / year, in / out balance and more

In-Store Customer Behavior

Do you know the paths by which customers navigate your store?

Do you know where customers spend most of their in-store time?

Do you use traffic path and dwell time data to direct premium product placement?

With Agent Vi's retail solution, you can:

- Analyze store traffic to identify the dominant traffic paths, assisting to pinpoint premium product positioning, determine general strategies for product placement and make better merchandising decisions
- Identify the regions that do not attract customer traffic or result in bottlenecks, and subsequently optimize store layout to best satisfy customers and drive sales
- Use the heat map to ascertain the areas with the greatest frequency and activity ("hot zones"), informing marketing decisions such as the most appropriate locations for in-store promotional campaigns
- Assess the effectiveness of window and marketing displays by measuring customer dwell time, indicating the success of product placement and ROI on advertising investment
- Make decisions that optimize staff allocation, space utilization and traffic flow in line with data regarding dwell time (stickiness) in certain areas
- Use the valuable business insights gained from one store to lift sales at stores that are under-performing, by undertaking a cross-analysis of customer behavior at different stores



Generate path analyses to identify traffic paths and inform product placement decisions



Visualize "hot zones" with the most activity to make marketing and merchandising decisions



Operational Efficiency

Do you monitor queues at cash registers and product counters?

Do you know when additional check-outs should be opened?

Do you use queue data to enhance operational efficiency and increase customer satisfaction?

With Agent Vi's retail solution, you can:

- Receive real-time data about consumer and store activity to inform operational processes and improve retailer responsiveness
- Improve customer satisfaction by receiving real-time alerts when queues exceed predefined thresholds, and adapting the number of open cash registers to meet demand
- Understand the customer traffic at check-out points and product counters across different time periods and seasons, to more strategically allocate human resources across the store and optimize staff shifts



Receive alerts for queuing and add cashiers to check-outs in real-time to improve customer service



Measure customer traffic to inform operational processes and assist staff allocation

Loss Prevention, Security & Safety

Do you automatically detect suspicious in-store activity?

Do you use your surveillance network to prevent accidents and enhance safety measures?

Do you monitor suspicious after-hours activity?

With Agent Vi's retail solution, you can:

- Detect loitering in areas displaying high-value goods
- Detect breaches of secure zones such as closed warehouses, storerooms and offices
- Detect unusual after-hours activity to enhance loss prevention efforts, including perimeter intrusions, movement in secure areas, loitering, and tailgating by unauthorized personnel
- Detect suspicious objects left unattended in sensitive areas, including those blocking emergency exits and fire stairs which pose a safety risk
- Detect customer density in specified areas to avoid over-crowding and ensure that the number of people present does not exceed recommended limits, thereby preventing potential safety hazards
- Detect vehicles parked in loading zones for more than set time periods, and grouping in sensitive areas to avoid potential threats
- Detect camera blocking and tampering which may indicate suspicious activity



Detect unusual after-hours movement in restricted areas, such as storerooms or offices



Detect suspicious objects left in sensitive areas and receive real-time alerts

Agent Vi's Retail Solution

Agent Vi's retail solution is implemented through Agent Vi's leading products: Vi-Search and Vi-System.

Vi-Search is Agent Vi's innovative video search and analysis software, which enables rapid and effective retrieval and presentation of specific data, events and video segments from vast amounts of recorded video.

While recording is a basic component of most surveillance networks, the recorded video is rarely utilized due to the lack of an automated and time-efficient solution that enables easy search and analysis. With Vi-Search, video streams are analyzed during recording, and events and features are indexed and stored. Users can search for specific data and events which are retrieved automatically, replacing time-consuming, ineffective manual review.

Vi-Search allows true leveraging of stored video by enabling analysis of motion patterns and extraction of statistical data for applications such as business intelligence, security and post-event analysis, as well as instantaneous forensic searches.

Vi-System is Agent Vi's real-time video analytics software, which transforms standard surveillance networks into intelligent and effective detection and alert systems.

By performing real-time analysis of the video stream, Vi-System identifies and generates alerts for a variety of user-defined events relating to people, vehicles and static objects. Used for applications such as security, safety and business intelligence, Vi-System offers effective monitoring of multiple video sources in parallel, enabling automatic detections, alerts and responses to events, as they emerge.

Vi-System boasts the combined benefits of superior detection performance, high scalability, installation simplicity and ease of use, making Vi-System the most advanced, comprehensive and cost effective real-time video analytics solution on the market.

[Contact Agent Vi TODAY to discuss an optimal retail solution for you](#)

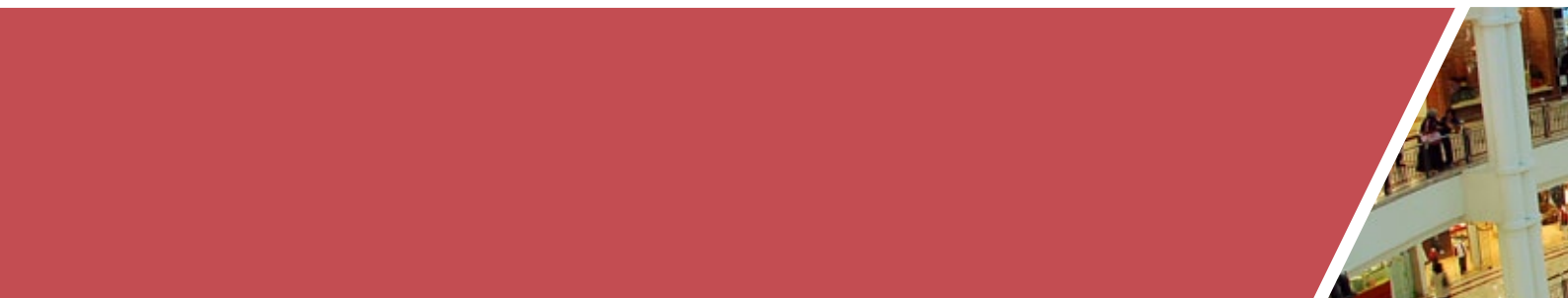
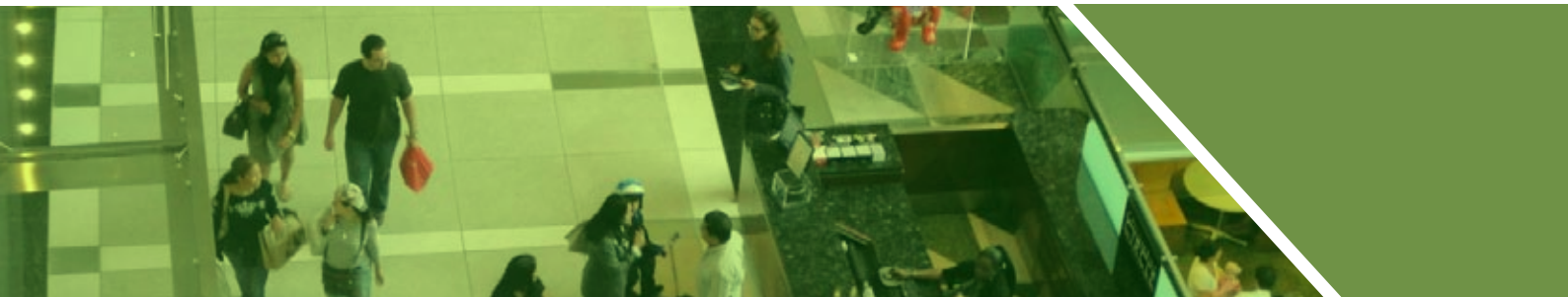
Agent Video Intelligence (Agent Vi) is a leading provider of open architecture, video analytics software deployed in a variety of security, safety and business intelligence applications worldwide. The comprehensive video analytics solutions offered by Agent Vi extend from real-time video analysis and alerts to forensic search and post-event analysis, and are fully integrated with a range of third party edge devices and video management systems. Integrating Agent Vi's advanced video analytics capabilities into existing or new surveillance networks enables users to benefit from the true potential of their surveillance networks, transforming them into intelligent tools that respond to the practical challenges of the 21st century.



Generate a "site map" for heat map or motion path analyses to view customer activity storewide



Measure dwell time to assess the effectiveness of marketing displays



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