Sensormatic Solutions' innovative computer vision technology delivers retail operational insights based on best-in-class deep learning Artificial Intelligence (AI) models. Our computer vision solutions are created in partnership with Intel and optimized for retail using Sensormatic IQ's proprietary AI algorithms. Each analytic is developed with our foundational pillars of retail success in-mind, driving sales, reducing risk, optimizing labor, and enhancing the shopper experience.

Computer vision automates tasks and derives meaningful information from video footage in real-time. Our wide range of computer vision analytics help you strengthen your loss prevention efforts, gather insights for improved shopper experiences, and maintain a safe environment for both shoppers and associates.

Easy to deploy and powerful, computer vision analytics leverage your existing video infrastructure and a smart hub appliance to tap into the data you need to open-up a world of problem-solving solutions across the retail expanse. All analytics are presented in a one-stop, consolidated dashboard for easy access to key metrics.

## Retailer Value

### Meaningful, Impactful Insights

Real-time insights on retail specific use cases help you make informed decisions and take a more proactive approach to problem solving.

### Future-focused, Dynamic and Scalable

Analytics can be easily added and removed to help you focus on what is most important to your changing business needs. New analytics are continuously being developed to address top-of-mind retail challenges.

### Easy to Deploy

Cost effective and easy to deploy and leverage your existing camera infrastructure and a smart hub device.

### Monitors Activity so you Don't Have to

With computer vision technology, tasks are automated and monitored to look for specific activities or items.

## Key Insights

### Measurable Loss Prevention Outcomes

With shrink and organized retail crime activity on the rise, retailers are looking for ways to combat these threats while optimizing in-store labor usage. Our comprehensive suite of computer vision analytics can play an important role in loss prevention and in keeping an environment safe and secure. Computer vision analytics are developed specifically to address some of the most critical loss prevention issues today. Examples of some of the analytics available to help strengthen your loss prevention activities include:

- Group Detection Alert
- Loitering Monitoring
- Shelf Sweep Detection
- Slip & Fall Detection
- Vehicle Alert

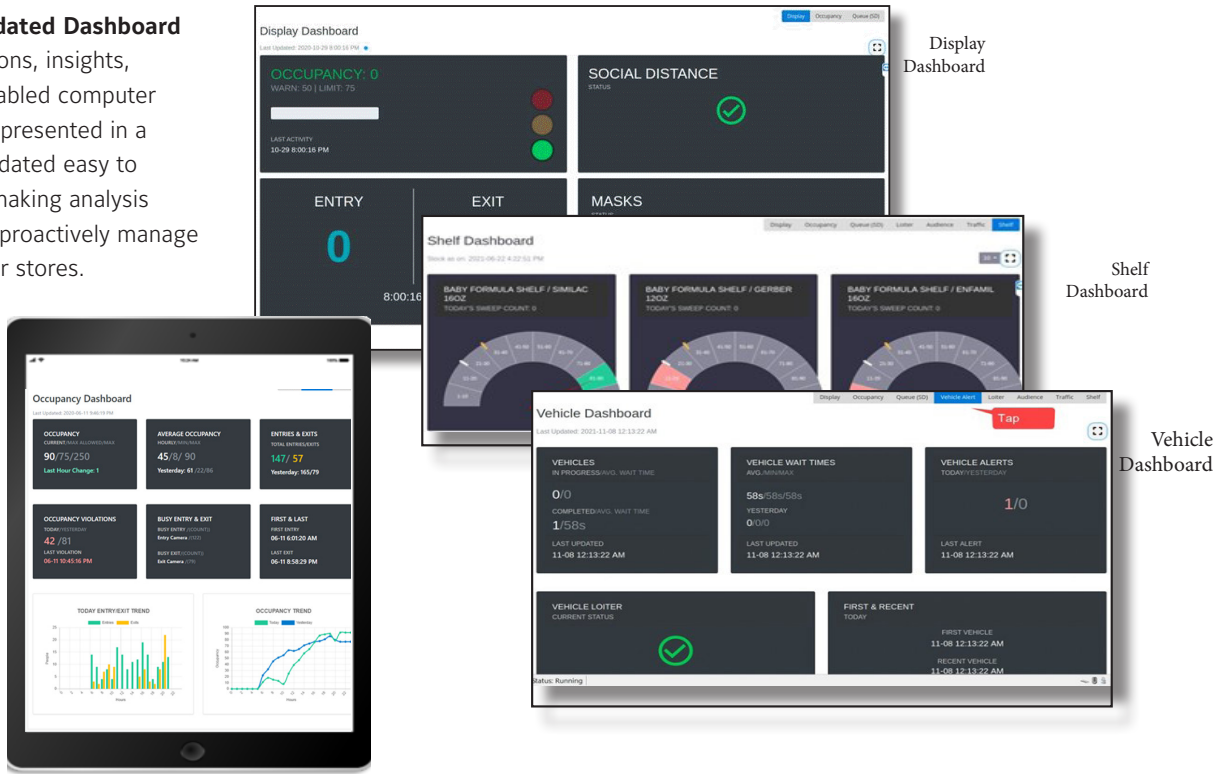
### Meaningful Shopper Insights

To stay ahead of the competition and provide shoppers with an outstanding in-store experience, retailers are always looking to better understand shopper behavior and the shopper journey. With this information in hand, retailers can create the ideal environment and develop appropriate marketing plans that ultimately lead to increased sales. Our growing list of computer vision analytics can help you get a better handle on shopper traffic patterns, path to purchase, and even demographics and sentiment of shoppers visiting your stores. Some of the computer vision analytics include:

- Audience Measurement
- Dwell Time Measurement
- Line Queue/Social Distancing Monitoring
- Occupancy Tracking
- Traffic Pattern Insights

# Computer Vision Dashboards

**One-stop Consolidated Dashboard**
Real-time notifications, insights, and alerts on all enabled computer vision analytics are presented in a streamlined consolidated easy to access dashboard making analysis simpler so you can proactively manage key activities in your stores.




## HARDWARE REQUIREMENTS

- Minimum one camera
- Cameras must be ONVIF compliant with an RTSP stream at 5fps 640x480 minimum
- Smart Hub appliance (required size based on number of use case packages deployed in-store)

| Computer Vision Analytic | |
|---|---|
| Product Code | Description |
| RV-AGNT-LIC | Computer Vision analytic-subscription per month |

| Smart Hub Appliance | | |
|---|---|---|
| Product Code | Description | Solution Capacity |
| RV-SMHB-2A | Atom E3950 4GB RAM 64 GB eMMC w/1xAI Core X-Myriad X VPU. Linux OS + Computer Vision software | 2 |
| RV-SMHB-3A | Pentium N4200 8GB RAM 64GB eMMC w/Myriad x VPU AI Core X, 2.5" 128GB HDD/SSD Chassis w/Cooling Fan. Linux OS + Computer Vision software | 3 |
| RV-SMHB-8A | EC.i5-7300U HDMI VGA 2LAN 4USB3 4COM 2Myriad X VPU 16G DDR4 128G SSD. Linux OS + Computer Vision software | 8 |
| RV-SMHB-16A | Intel Core i3-8100T Processor 2PCIe x 4 and 2PCIe x8 slots 4HDD bays 16GB RAM. Computing Accelerator Card with 8x Movidius Myriad X VPU. Linux OS + Computer Vsion software | 16 |
| RV-SMHB-24A | Intel Core i7-8700T Processor 2PCIe x 4 and 2PCIe x8 slots 4HDD bays 32GB RAM. Computing Accelerator Card with two 8x Movidius Myriad X VPU. Linux OS + Computer Vision software | 24 |