Monitor store traffic, control access, and analyze shopping behavior to ensure safety, prevent theft, and gain useful insights.

The Challenge

According to the National Retail Federation's (NRF) 2022 National Retail Security Survey (NRSS), retail shrink is an almost $100 billion problem. Tackling this "rapidly ballooning issue" is no simple task. The NRF report highlights "an urgent need for solutions to help keep retail employees and customers safe." The challenge is to prevent shrink, improve safety, and increase retail intelligence—while protecting privacy and improving the customer experience.

The Solution

The Vaidio AI Vision Platform is an all-in-one solution for safety, security, and operational efficiency in all types of retail environments. The Vaidio platform supports 30 à la carte, AI-enabled video analytics including intrusion detection, face and license-plate recognition-based access control, people counting, heat maps, and smoke, fire, object, and behavior detection.

Vaidio AI works with any new or existing IP camera and is currently integrated with 28 market-leading video management systems. Multiple Vaidio AI analytics can be applied to a single camera, performs on real-time video, and offers extensive AI-accelerated forensic search capabilities. Using Vaidio, retailers can monitor, alert, and report on theft, inventory, traffic, and customer behavior, while respecting privacy and leveraging existing video infrastructure investments.

Features

- ☐ Comprehensive video analytics and statistical analysis on a single platform
- ☐ Effective always-on, AI-enhanced monitoring and video data analysis
- ☐ Alerts and statistics on people, vehicles, objects, events, and behaviors
- ☐ Privacy blurring by default with auditable video search
- ☐ Works with any ONVIF IP camera and existing video infrastructure

Benefits

- ☐ Improved loss prevention effectiveness
- ☐ Ability to identify complex behaviors and filter false alerts using advanced AI
- ☐ Optimized decision making using actionable real-time and forensic data
- ☐ Accelerated alerting (< 2 seconds) and incident identification
- ☐ Improved response time and accelerate incident resolution
- ☐ Enhanced safety and peace of mind for customers and employees

VAIDIO ®
BY IRONYUN

Architecture

VIDEO, THERMAL, SENSOR → VAIDIO ↔ VAIDIO UI WEB / APP — VMS

"We have worked with IronYun in the year 2020 deploying the IronYun AI video analytics Vaidio software platform at the New Jersey Transit train stations, rail cars and buses. The performance of the IronYun Vaidio software has certainly met our expectations in speed, accuracy, and overall ease-of-use requirements. In addition, IronYun's customer support team offers New Jersey Transit excellent technical and business support services."

- Office of Information & Digital Technology, New Jersey Transit

NJTRANSIT The Way To Go.

"Out of hundreds of solutions we've worked with, Vaidio is one of a handful that ranks highest in terms of platform maturity and driving real-world customer value."

- Jumbi Edulbehram, Global Business Development, AI-City, Nvidia

NVIDIA.

About IronYun and Vaidio®

IronYun's SIA award-winning Vaidio Platform offers more than 30 advanced AI video analytics functions to bring intelligence and accuracy to existing camera and video infrastructures. Our mission: to build a safer, smarter world by helping our customers improve security, safety, health, and operational efficiency.

MADE IN USA

NDAA Compliant