

Use AI Analytics to Protect and Delight Guests in the Face of Economic and Labor Challenges

The Challenge

Protecting and delighting guests is a top priority for hotels and hospitality venues. Unfortunately, the pandemic caused workers to move into other sectors, and many have no plans to return. The resulting labor shortage is forcing hospitality providers to rethink how to deliver the services and experience guests value with a limited workforce. Many venues are also struggling to balance economic pressures with the reality that guests have come to expect improved healthcare protocols and a much more personalized experience. The result: hospitality providers are under extreme pressure to deliver greater value with fewer resources than ever before.



The Solution

The Vaidio AI Vision Platform transforms existing IP cameras and video infrastructures into proactive, integrated systems that improve safety and security, increase operational efficiency, and enhance guest experience — all while freeing up workers to focus on meeting the needs of every guest. From the moment guests enter the property until they depart, Vaidio supports an optimal experience. License Plate Recognition (LPR) is used to whitelist confirmed guests, admit them to parking areas, and alert staff when VIPs enter the venue. AI is used to detect guests' emotional reactions, enables customized ads/messages on digital screens, and delivers valuable insights into visitor demographics, all while protecting guest privacy. To ensure safety and security, Vaidio alerts personnel to smoke, fire, weapons, and abandoned objects; detects intruders; identifies overcrowding in event spaces, swimming pools, etc.; and spots aggressive behaviors before guest safety is impacted. Vaidio is enabled by a suite of 30 advanced AI video analytics functions that work with new or existing IP cameras and video infrastructures. Using the Vaidio Platform, hospitality providers are able to enhance guest experience and improve the security and operational efficiency for properties of any size.

Features

- AI-enabled parking management, including reservations, vehicle counting, traffic monitoring, and incident alerts
- Automated check in/out, queue management, VIP service support, and visitor demographics
- Health and safety support, including touchless access control, occupancy monitoring, and custodial scheduling
- Personalized guest experience with VIP alerts, IoT sensor signal integration, personalized signage, and emotion detection
- Detection of slip & fall, smoke & fire, weapons, object left behind, and more

Benefits

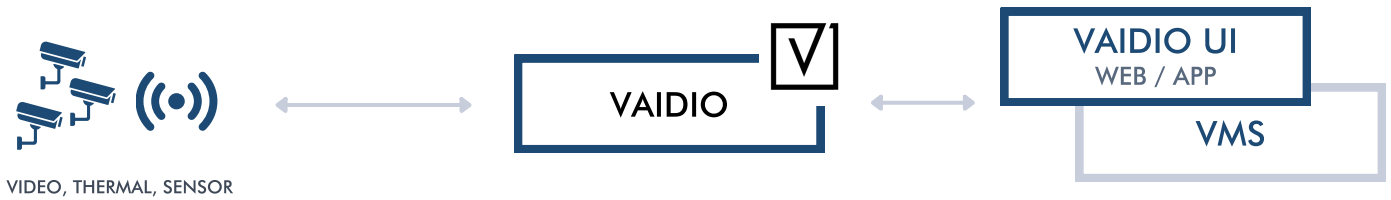
- Improved safety and security for guests and personnel
- Ability to deliver personalized guest experience with a limited workforce
- Immediate alerts to a wide variety of safety and security issues without relying on security personnel to monitor banks of video screens
- Ability to optimize staff, reduce costs, and improve operational efficiency
- Increased return on investment from existing camera and VMS infrastructure



IronYun's Vaidio AI Vision Platform is recognized by IDC as "a good decision for enterprises that have extensive video surveillance capabilities and want to upgrade to advanced analytics that incorporate the latest technology." IDC MarketScape, Video Surveillance Analytics, Nov 2021



Architecture



"We had a competitive AI-based system connected to 200 cameras. Each camera had an average of 10 false alerts a month--about 2,000 false alerts a month. We replaced the old system with Vaidio but kept the same cameras. Vaidio reduced our false alerts from 2,000 per month down to 10 total per month--a 99.9% reduction. Amazing."

- International Media Company



"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

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.



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