



## THE VAIDIO AI VISION PLATFORM

Vaidio's AI Vision Platform analyzes your camera feed to turn sight into insight - providing real time alerts, forensic search capabilities, and business intelligence that helps you operate more safely, securely, and effectively.

### What Makes Vaidio Unique?



#### Custom AI Analytics

Train AI to spot the exact events, objects, or patterns you care about, and turn any camera into a powerful tool for improving safety, effectiveness, and operations.



#### Custom Alerts

Set alerts for the specific events you care about, so you can act faster and reduce risks.



#### Real-Time Forensic Search

Up to 1000x faster than manual review, dramatically improving investigation speed and accuracy.



#### Deployment Flexibility

Avoid costly rip-and-replace projects and vendor lock-in by adapting to your current environment.



#### Model Orchestration

Enable faster deployments, more accurate results, and real-time search by automatically selecting and tuning the best models for the task.



#### Auto-configuration Agent

Scales camera configuration automatically — speeding up deployment and cutting costs.

### Key Benefits

#### Safer, Faster, Smarter Security

- Real-time AI-driven monitoring and alerts
- Real-time search to reduce response times and enhance decision making
- Eliminate false alerts
- Block unauthorized entry with tighter access control

#### Improve Your Business

- Reduce inefficiencies and operational overhead, and improve decision-making
- Extract video data insights that improve customer service and unlock new revenue streams
- Minimize errors, lower liability, and keep employees safe

#### AI that Grows with You

- Integration of new AI capabilities with minimal infrastructure upgrades
- Integrate with any camera, VMS, or infrastructure
- Scale up from 1000 to 100,000+ cameras, in a single location to across geographies



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## Analytics

Vaidio offers a suite of 30+ analytics to choose from with the ability to train the AI to spot the exact events, objects, or patterns you care about. Any camera turns into a powerful tool for improving safety, security and effectiveness.

### Security and Safety

Intrusion Detection	Crouch & Fall	Object Detection	PPE (Mask, Uniform)	Sensor Integration
Anomaly Detection	Loitering	Object Left/Removed	Restricted Areas	Smoke, Fire
Crowd	Object Counting	Perimeter Monitoring	Scene Change	Weapon

### Health Screening

Face Mask  
Distancing  
Occupancy  
Temperature

### Investigation and Search

Video Search  
Video Evidence  
Cross Camera Tracking

### Operations

Camera Health  
Dwell Time  
Heat Map  
Material Inspection  
Privacy Protection  
Operational Data

### Access Control

Face Recognition  
License Plate Recognition  
Visitor Check-in

### Vehicles

LPR – Access Control  
LPR – Stolen Vehicles  
Parking Management

Speed Detection  
Traffic Flow  
Vehicle Make/Model

Vehicle Wrong Direction

## Supports Use Cases Across Any Industry



OPERATIONAL EFFECTIVENESS | SAFETY & SECURITY | COMPLIANCE MONITORING | CUSTOMER EXPERIENCE | CUSTOM



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## Vaidio Data

An advanced BI engine, Vaidio Data delivers actionable insights via interactive dashboards by visualizing metadata from real-time video streams to support business intelligence, trend analysis, and informed decision-making.

## Vaidio Command Center

Vaidio Command Center centralizes management, data collection, and alerts for large-scale deployments, supporting up to 32 Vaidio Core and Edge appliances for streamlined oversight, alert monitoring, and camera management across multiple sites.

### Modular Platform: Always Evolving with the Latest AI

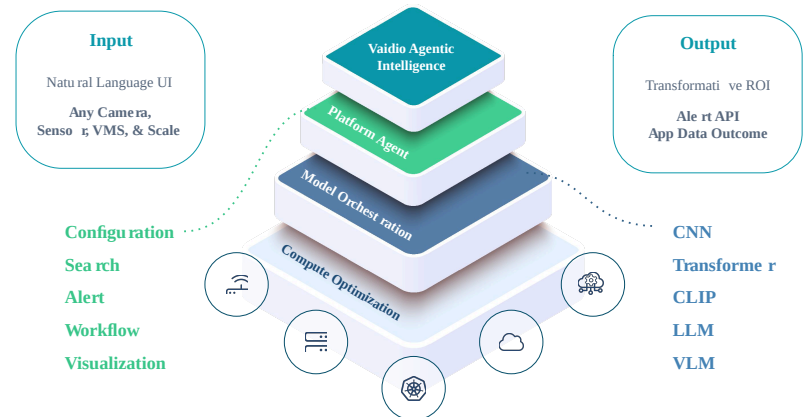
Vaidio's modular platform integrates AI into every layer, seamlessly adding the latest innovations without requiring hardware or infrastructure upgrades.

### Platform Agents

Agentic AI delivers real-time answers through semantic search, enabling smarter decisions and immediate action. Its scalable, automated camera configuration reduces deployment time by 90%, ensuring efficiency and consistency.

### Model Orchestration

Vaidio leverages proprietary AI models, LLMs, and VLMs to efficiently handle complex video analysis. Models can scale dynamically and work together to optimize performance, scalability, and adaptability to evolving video content and requirements.



### Compute Optimization

Vaidio optimizes compute efficiency by prioritizing lightweight AI models and activating higher-compute-intensive resources, like LLMs and VLMs, only when needed. This dynamic approach can reduce compute power and hardware costs, potentially delivering significant platform cost savings.

### Deployment Flexibility

Vaidio scales seamlessly across any environment, running on Jetson devices, servers, Kubernetes, cloud, hybrid, and SaaS. It integrates with any camera and 30+ VMSs, maximizing your existing infrastructure investment.

### Tunable Edge Device (TED) Benefits

- Tune to a single use case
- Automate configuration to adjust to changing needs
- Process data locally for uninterrupted functionality even in low-connectivity environments
- Integrate into existing systems easily
- Ideal for small-scale deployments
- Deliver real-time analysis for immediate response
- Create multiple regions of interest (ROIs)



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# Integration

Vaidio enables fast, seamless deployment with industry-proven integration, supporting five levels of compatibility with 28+ NVR/VMS providers. Available globally via IronYun partners, it also embeds easily into OEM solutions for flexible, scalable applications.

1	Vaidio sends alerts	Immix	
2	Vaidio retrieves video	Digiever Hanwha NVR Iveda Sentir Kedacom Mobotix ACTi	NUUO (Linux) QNAP VioStor Uniview Vaidio Internal Recorder VideoInsight
3	Vaidio sends alerts and retrieves video	Avigilon Axis ACS Bosch Digifort Exacq	Intellicene Symphia Ganz Control Luxriot EVO Pelco Qognify Ocularis
4	Vaidio sends alerts, retrieves video, and can be accessed as a tab in the VMS to conduct video search	Genetec Security Center	Milestone Xprotect Salient CompleteView
5	Vaidio sends alerts, retrieves video, and enables object search in VMS UI	Digital Watchdog Spectrum Hanwha Wisenet Wave	Mirasys Network Optix Nx Witness

## Vaidio Leads in Adopting and Optimizing NVIDIA Technologies for Real-World Impact.

Vaidio's AI model-building capability, leveraging the latest advancements and fine-tuned proprietary models, unlocks new AI Agentic functionalities and over 300 custom models.



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.

—Large Sports Media Company



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