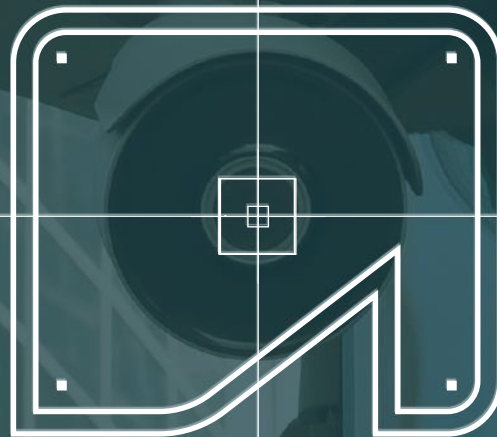# Next Gen AI Analytics for Safety, Security & Operations

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VAIBS

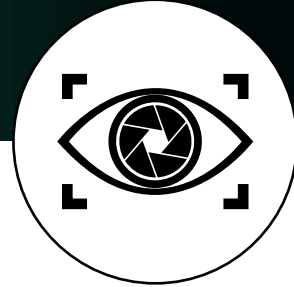VIDEO AI ANALYTICS

Get more out of video data

Every day, the countless cameras in (public) buildings, terrains, institutions or stadiums generate an enormous amount of security footage. Monitoring and analyzing that footage is time-consuming, but very important. After all, it contains a lot of data about historical or real-time events and therefore contributes to improving security. But how can you optimize this process?

Discover Video AI Analytics: Technology built on Artificial Intelligence (AI) algorithms that automatically detects and recognizes objects or (temporary) events on video footage.

In this brochure you will read all about how the Vaidio® Video AI Analytics platform provides everything you need for:

■ Video Search/Forensic Search
■ Video Analysis
■ Detection and inspection
■ Automatic monitoring
■ Automatic alerting

The purpose of the Vaidio platform is to apply cross-functional AI analytics to help make the world a safer place.

"VAIBS helps organizations extract valuable, visual information from their (real-time) video footage and convert this into practical, useful data."

Vaidio®: Next Gen Video AI Analytics

The Vaidio Video AI Analytics platform delivers video analtytics solutions for Security, Safety, Access Control and Social Health. Vaidio's advanced AI analytics makes video monitoring, security alerts, health screening and forensic investigation more accurate, more automated, and more affordable - and helps make your business safer and more secure.

Elimination of visual and manual inspection

With Vaidio, manual, visual inspection of video images is a thing of the past. The platform's ability to recognize objects, people, vehicles or patterns on its own eliminates the need for constant monitoring of footage. The smart search function also allows users to find desired persons, vehicles, objects or patterns in thousands of hours of existing footage within seconds. This makes forensic image investigation easier and more efficient.

30+ AI Analytics available

The Vaidio platform features standard 30+ AI Analytics models that are built based on AI algorithms and can be applied in various areas within safety, security and operations. Unlike conventional detection systems, Vaidio's Analytics models are continuously trained. This enables the Vaidio platform to achieve unprecedented accuracy, which ranks among the absolute best within the market (source: IDC 2021 Video Analytics MarketScape).

Always and everywhere deployable

Every day, tens of thousands of cameras are connected to the Vaidio platform. Vaidio also integrates with 35+ leading VMS, NVR and PSIM systems in the market and is compatible with virtually all IP cameras available. The platform is usable via a local server, in the cloud, via app or via an Edge device (12/24/230V). This makes the platform always and everywhere deployable and approachable.

Vaidio is designed for multiple industries:

- Security & Safety
- Alarm Centers & Control rooms
- Public Order & Safety
- Traffic & Logistics
- Healthcare
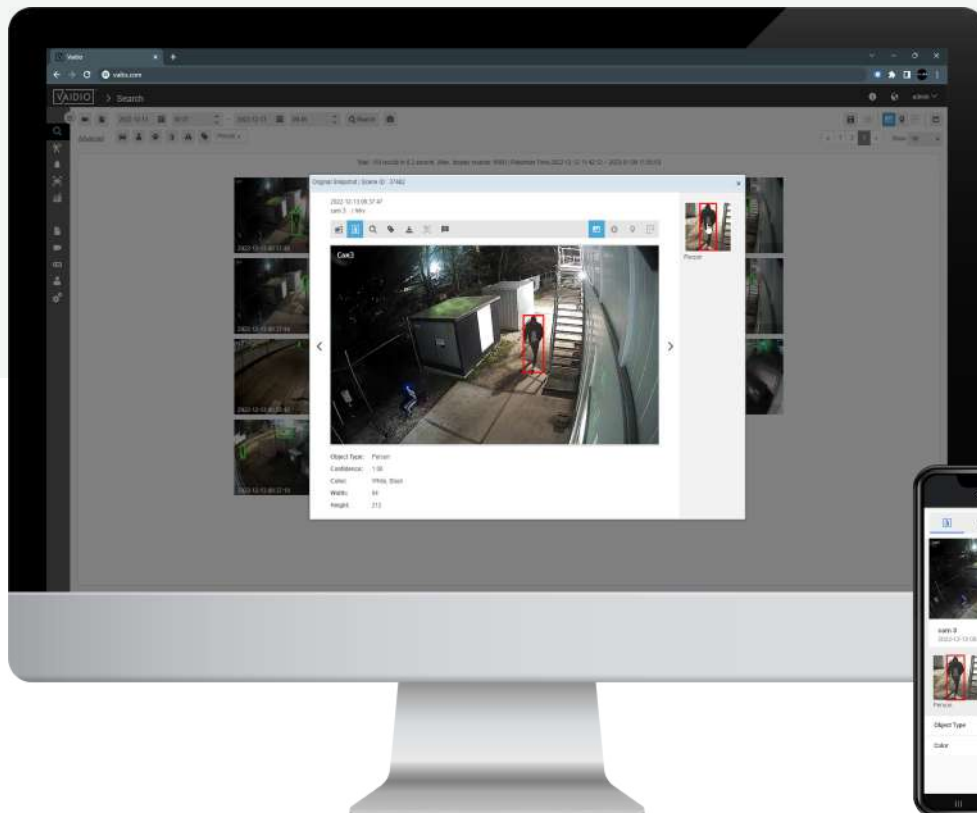- Manufacturing
- Retail

30+ AI Analytics

Extreme decrease in false alerts

35+ integrations (VMS, NVR & PSIM)

Camera independent

Vaidio Key Features

The Vaidio platform has 30+ AI Analytics that can be deployed for various applications. Below are some of the possibilities. For an overview of all Analytics, please contact one of specialists.

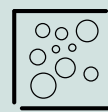|			
VIDEO SEARCH	INTRUSION DETECTION	FACE RECOGNITION & IDENTIFICATION	LICENSE PLATE RECOGNITION
PEOPLE & VEHICLE COUNTING	ABNORMAL BEHAVIOR DETECTION	VEHICLE RECOGNITION	OBJECT LEFT BEHIND DETECTION
WEAPON DETECTION	SMOKE & FIRE DETECTION	HEATMAP GENERATION	ID VERIFICATION & ACCESS CONTROL
CROSS CAMERA TRACKING	PERSONAL PROTECTION EQUIPMENT DETECTION	AGE, GENDER & EMOTION DETECTION	CROWD MANAGEMENT

Vaidio as a Complete Video Platform

In addition to the various Key Features, Vaidio also features a number of other features that make it a complete video platform.

Live Alerts

Would you like to be alerted when something specific happens? Vaidio generates, depending on the sensitivity settings, instantly live alerts in various types, including: email, app notification, http(s) or via integrations with other software and hardware systems.

GDPR-friendly

Within Vaidio, privacy of individuals is key. The platform offers the standard possibility to apply a privacy filter (blurring of persons). In addition, Vaidio has a full audit trail, extensive user management and a logging functionality. This makes that Vaidio fully supports a GDPR-proof workflow.

Live View

Vaidio features a Live View feature within the interface of the platform. Within this Live View there are several predefined dashboards for camera streams to choose. Via drag-and-drop, the Live View Dashboard can be customized. In addition, it is possible to enable 'Live Stream Analytics'. This feature makes classified metadata instantly visible live video footage.

API

Vaidio comes with a fully documented Server REST API. This makes it possible to integrate Vaidio with external hardware and software systems, such as VMS and PSIM systems, access control and more.

Do It Yourself!

Vaidio DIY is a do-it-yourself application within the platform, which allows users to create their own AI models to recognize objects. Vaidio can be easily trained to recognize a new object by simply upload a set images of the object. Depending on the complexity of the use case and the environment where the detection of the object takes place, Vaidio may require only approximately 120 images per object type to archive baseline accuracy. Additional images will increase accuracy.

Want to know more about Vaidio DIY? Scan the QR-code en watch the demo video!

About VAIBS

Located in northwestern Europe

Local support in the same timezone

From footage to data

At VAIBS, we help organizations extract valuable, visual information from their (real-time) video footage and convert this into practical, useful data. We do this by using Vaidio: The world-leading Video AI Platform that adds intelligence for security, safety, health, and operations to any IP camera and dozens of market-leading Video Management Systems - at a fraction of the cost of comparable systems.

Video AI is often seen as a future potential, while its deployment already can provide major advantages. At VAIBS we like to use Video AI in a practical, accessible way.

We serve our customers, active in North-West Europe, from Ermelo in the Netherlands.

Because we operate from the Netherlands, our customers benefit from local services on both regular and project base. Curious about what we can do for your organization? Please, contact one of our specialists.

Contact Details

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