

## COMPUTER VISION E-PAPER

# TRANSFORM YOUR BUSINESS WITH CUTTING-EDGE VISUAL INTELLIGENCE

Welcome to our computer vision e-paper where we shed light on the transformative capabilities of computer vision and how it can bring unparalleled benefits to your company.

In an era defined by rapid technological advancements, harnessing the power of visual intelligence is the key to staying ahead of the competition and redefining the way you do business. By integrating computer vision into your operations, you can revolutionize the way you interact with data, automate processes, enhance decision-making and gain invaluable insights. Get ready to unleash the power of computer vision and elevate your business to a new level!



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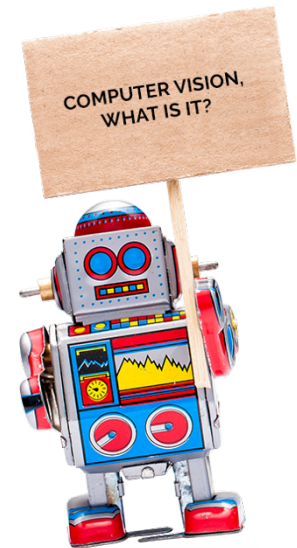
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## COMPUTER VISION IN A NUTSHELL

In a nutshell, computer vision is a field of artificial intelligence and computer science that focuses on enabling machines to understand and interpret visual information, just like humans do. By mimicking the human visual system, computer vision algorithms can analyze, process and extract meaningful insights from visual data, revolutionizing the way businesses operate.

Overall, computer vision empowers machines to understand and interpret visual data, unlocking a wide range of possibilities for automation, efficiency, safety and personalized experiences across various sectors. Here are some short examples:

- It is used in autonomous vehicles for detecting and recognizing pedestrians, traffic signs and obstacles.
- In healthcare, computer vision aids in medical imaging analysis, assisting with the diagnosis of diseases.
- It also plays a role in surveillance systems, enabling real-time monitoring and security threat detection.
- In retail, it powers applications like facial recognition for personalized customer experiences and cashier-less checkout systems.
- In manufacturing, computer vision is employed for quality control, defect detection and robotic automation.



## THE POWER OF COMPUTER VISION



### AMAZINGLY INTELLIGENT

Recognizes details & patterns humans often miss. It keeps learning and improving.



### NEVER SLEEPS

Maintains unwavering awareness round the clock, without any breaks or interruptions.



### DEPENDABLE

Ensures unwavering consistency and objectivity with each operation.



### RELIABLE

Executes tedious tasks with unwavering assurance and precision.



### HIGHLY SCALABLE

Effortlessly manages substantial volumes of data & tasks without exhaustion or compromise.

# COMPUTER VISION BENEFITS

## WHY SHOULD YOU CONSIDER USING COMPUTER VISION IN YOUR COMPANY

- ♥ Automating manual tasks effortlessly, leading to efficiency and productivity.
- ♥ Analyzing and interpreting visual data accurately.
- ♥ Possessing over intelligent capabilities that allow you to add features that can enhance customer satisfaction, engagement and loyalty.
- ♥ Innovating & offering unique customer experience, giving you a competitive advantage.
- ♥ Eliminating manual labor, allowing you to reduce costs.
- ♥ Offering valuable insights and data-driven information to support decision-making processes.
- ♥ Allowing you to be at the forefront of technological innovation, so you stay relevant in the digital era.

## DO YOU NEED HELP?

Are you currently facing a shortage of in-house expertise? Let us tell you why Conclusion Mediaan is the right partner to brainstorm together on use cases specific to your situation.



### STANDARDIZED PLATFORM ACCELERATOR

Our [AIVI platform](#) provides standardized and reusable components for many intelligent capabilities you may want to use now or in the future. These components are built on many lessons learned and years of experience with computer vision implementations.



### TAILORED & INTEGRATED SOLUTION

We can tailor everything to your specific business processes and systems you use, while making sure it integrates seamlessly with the other capabilities our platform offers. How about recognizing unusual objects and patterns that other solutions can't handle? We will take care of that!



### QUICK TO START & READY TO SCALE

Setting up multiple camera systems can be done quickly. Want to start small and quickly scale up to many other cameras and locations? Our platform is built to scale!

## OUR APPROACH

### AGILITY

We are a small company doing big things: we have the agility and flexibility it takes to master large and complex tasks. When the going gets tough, we rise to the challenge. Our clients can always count on us to deliver. Solutions are just a phone call away.

### SKILLS

To us, quality means recruiting and retaining the best and brightest. Our colleagues are the best in the business and we make sure it stays that way. We're a multidisciplinary team of experienced software engineers, data scientists, management consultants, technophiles and cyber security specialists.

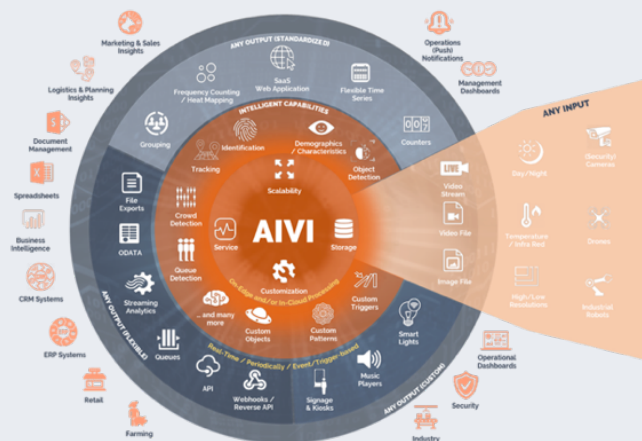
### TRANSPARENCY

Performance should be trackable and transparent. That's why we've been working with objective performance benchmarks for years. We deliver outstanding solutions on time and on budget—project after project—and we'll be sharing our insights and expertise with you right from the start.

## AIVI PLATFORM

AIVI is our end-to-end modern computer vision platform that bundles all capabilities into a modular but integrated solution.

- Capable of handling any input** – Handling images, videos and live streams is possible. Whether they come from security cameras, industrial robots or drones. Regardless of the conditions – day or night, varying temperatures, infrared imaging or different resolutions – we can manage them. Besides visual data, we can even process any other structured or unstructured meta-data.
- Intelligent capabilities** – A continuously growing library marketplace provides you with object detection, tracking, pattern recognition and many more features.
- Outputs based on your needs** – Integrations and connectors can be built on top of our flexible integration layer. Even fully customized and tailored outputs can be developed to your needs.



## 4 EASY & SIMPLE STEPS TO START USING COMPUTER VISION WITH AIVI

Some believe that diving into the realm of computer vision requires a massive investment. But fear not, as we are here to show you how AIVI can help you get started with computer vision in just 4 simple and easy steps!



### STEP 1: STRUCTURE YOUR VISUAL DATA

Start by uploading your images, videos or streams. Then, annotate and label them to let the system know what exactly it's looking at. This step helps the system learn from your input.



### STEP 2: TRAIN YOUR AI

Create a smart algorithm using the annotated data you provided. You have control over its performance and accuracy during training, ensuring it meets your specific needs. Our data scientists will handle the technical aspects, ensuring you get satisfying results.

At this stage, you'll already have a Proof of Value (PoV). It demonstrates the possibilities and benefits of your use case within your organization.



### STEP 3: USE YOUR AI

Deploy and run your newly trained AI model in your daily business operations. From day one, you'll begin reaping the benefits and seeing its impact on your workflow.



### STEP 4: IMPROVE PERFORMANCE

Keep fine-tuning your AI model by incorporating more datasets from changing operational data and real-world scenarios. This ongoing process allows your AI model to continuously adapt and enhance its performance.

Hopefully, by now, we have convinced you that we are the right partner to brainstorm together on use cases specific to your situation. Request a demo or receive more information about our computer vision solutions. Don't hesitate to plan a meeting with our business and computer vision experts!



## CONTACT

# LET'S TALK!

Whether you like to discuss your idea or need help finding a solution.



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CONCLUSION