amendo AI

OneVision

AMENDO AI

More efficiency with automated and AI based image processing

www.onevision.com/**amendo**

Give your processes the decisive **automation boost**

Efficient. Flexible. Proven.

OneVision Software has been providing tailor-made automation solutions for 30 years. Our customers profit from more efficiency in their production processes by using our software solutions.

Across a wide range of segments – e.g. magazine publishers, media agencies, online or photography services – the software enables cost savings, increases printing, publishing and processing quality, reduces processing times and makes workflows more flexible and dynamic. OneVision's software solutions are successfully used around the clock by more than 3,000 print service providers, media houses, agencies and publishers worldwide.

Quality increase	**Time saving**	**Cost reduction**
Connectivity	**End-to-end workflow**	**Computer Vision**

One step ahead with OneVision:
www.onevision.com/thats-onevision

AMENDO AI

Increased productivity and faster processes
with automated image processing by Amendo AI

Individual automation

The automated image processing and optimization software Amendo AI makes your workflow much more efficient. Amendo AI processes your images in the shortest possible time and with complete flexibility according to your requirements and the image itself. The software can be integrated into existing CMS or editorial systems.

Automated image processing

Incoming images are analyzed and optimized based on the analysis results. The images can be cropped or extended based on content or color, backgrounds can be removed or color information can be adjusted. The software thus enables fast image processing and consistently high image quality for any kind of publication.

It´s worth it!
Exemplary return on investment

Example ROI calculation, assuming that 1000 images are processed per day.

90 % **Automation level** of image processing	**100** Average number of images processed manually	**138 400 $** **Cost savings** in the 1st year (incl. investment)
0,4 Required staff (8 h per day)	**3,3 h** Time for manual image editing	**182 400 $** **Cost savings** in the 2nd and subsequent years

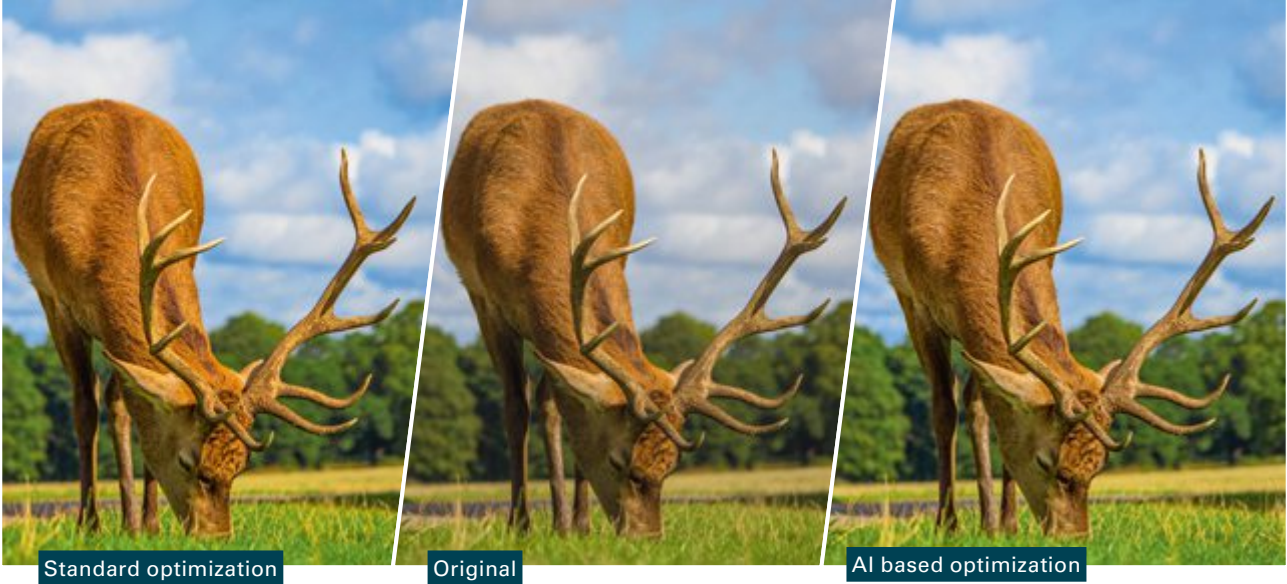### Comparison to other solutions

Automation level	70 %
Avg. number of images processed manually	300 images
Required time for manual image editing	10 h
Required staff	1,25 employees

Comparison to manual processes

Automation level	0 %
Avg. number of images processed manually	1000 images
Required time for manual image editing	33,3 h
Required staff	4,2 employees

Would you like your specific numbers?
Contact us for your individual ROI calculation.

Standard optimization

Original

AI based optimization

The next level
Image processing based on artificial intelligence

The possibilities of image processing are significantly expanded by artificial intelligence (AI). Based on an extensive AI image analysis and the AI based object detection the individual image processing takes place:

Colors, saturation, skin tones and much more are processed based on artificial intelligence. Great image results and a smooth, seamless and individualized processing are some of the advantages of using Amendo AI.

Your benefits with OneVision Software

Managing Director

As a managing director, your goal is to make your company efficient and future-proof. OneVision´s software can help you improve your KPIs and increase your profitability.

- Up to 100% automation for your workflow
- More capacity to process images with the same team
- Higher profitability and increased margins
- Innovative software to address the shortage of skilled workers

Production Manager

Smooth processes and flawless products are your responsibility. With OneVision, you can automate your image workflow effectively, reduce errors and increase your productivity.

- Up to 80% time savings thanks to AI based image processing
- Greater efficiency and production reliability with a concurrent increase in quality
- High data security and reliability

Workflow Manager

You keep the jobs running. With user-friendly solutions from OneVision, you can create and control individual workflows and adapt them if required.

- Flexible and individual customization of the software, tailored to your requirements
- End-to-end workflow: connection of any software systems (e.g. CMS, media database,...)
- High-quality service, regular updates, training, 24/7 support

Standard optimization

Original

AI based optimization

Outstanding possibilities
AI based object and face detection

Amendo AI's latest technology comes with many valuable features that make your image processing much easier. Amendo AI enables a degree of automation of 85–100%, saving you an average of 80% in time. The local installation of the software ensures that your data is processed securely.
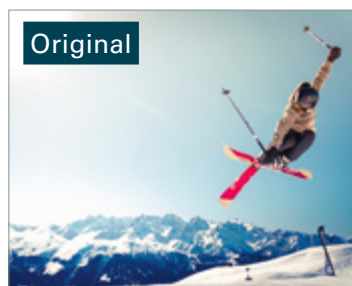

Pixelate images

Protect privacy and personal rights with Amendo AI's Pixelate function. Using object and face detection, identified faces and license plates are made unrecognizable. This can be done by pixellating, blurring or colorizing in black or white.
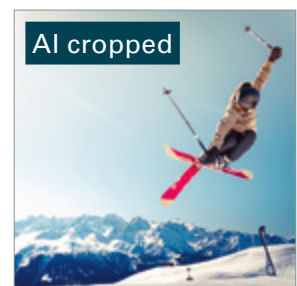

Image cropping

Intelligent image cropping prepares your images for all media channels (e.g. print, e-paper, website, social media) in the required formats.

Original

AI cropped

4:3

1:1

Perfect skin technology

Amendo AI gives your images the perfect skin tone. Faces and skin tones are detected and optimized based on the environment and its brightness. Natural skin tones are also taken into account, while individual skin features remain untouched. In addition, eyes and teeth are brightened. Natural skin tones and faces are the result.

Object and person detection

The latest AI technology detects objects according to more than 25 different object classes. Among others Amendo AI identifies animals, people, air and ground vehicles, and much more. This enables specific image processing and tagging of images.

Remove Background / Clipping

Amendo AI adds a clipping path to the image using the Create Clipping Path function. This can be used to control the text flow or to place the image on a different background. Images with more complex backgrounds can be sent to remove.bg.

Noise Reduction and sharpening

Noise reduction functions remove noise artifacts while leaving details untouched. Other functions improve sharpness taking into account the existing image sharpness, while protecting highlights. This makes your images razor-sharp and noise-free.

Automatically optimized
Image processing enables time and cost savings

Konradin, a German publishing house with more than 500 employees, produces a wide range of specialist and knowledge magazines, including the corresponding online portals. The company processes an average of 40,000 images per year. By insourcing and automating image processing, Konradin was able to reduce the costs of magazine production and significantly shorten processing times.

Challenges

- External repro needs more than 24 h for image optimization.
- Initially, automated image optimization with a defined standard; uniform across all magazine titles.
- Subsequent manual intervention required in over 50 percent of cases.
- Adjustment and expansion of processes requires effort and costs for external manpower.
- Data must be given to external provider.

Solutions

- Optimized and (print-)ready images within a few seconds.
- Individual processing of images, according to defined processing steps.
- Due to the increased quality of automated image processing, manual interventions are reduced to a minimum.
- Short-term workflow changes can be handled flexibly in-house without interrupting processing.
- All data remains in-house and is processed on the company's own servers.

Read more customer cases:
www.onevision.com/voice-of-customer

SEAMLESS INTEGRATION
TO EXISTING SYSTEM LANDSCAPE

SIGNIFICANT TIME SAVINGS
DUE TO AUTOMATED PROCESSES

SCALABILITY AND FLEXIBILITY
TO RESPECTIVE REQUIREMENTS

DATA SECURITY
DUE TO LOCAL IMAGE PROCESSING

Your workflow consulting
Hand in hand: automated

OneVision´s automation solutions are not off-the-shelf – neither are your requirements. From the first meeting over a detailed workflow analysis, to the individual proof of concept and software test, our experts will accompany you. Individualized, customized and tailored to your needs. We call it: Workflow Automation Your Way!

Services at a glance:
www.onevision.com/service

These customers rely on Amendo

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and many more

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