

100% Automated Quality Assurance

- Computer Vision
- **Recall Elimination**
- Machine Learning
- Automation
- Cost Reduction
- Industry 5.0
- Artificial Intelligence
- Industrial Equipment

Our company specialises in developing solutions for highly complex computer vision challenges. The scanning is carried out using industrial cameras, lasers, lidars and other sensing devices. We work with quality equipment that is customised to perfectly suit your needs.

Working with the best

- Automated control of intermediate or final products before packaging
- Industrial cameras and controllers with long-term warranty and support
- Custom software (C++ and lua) allowing a flexible approach where smart solutions do not meet the requirements
- Application of globally certified tools and libraries, such as Halcon, OpenCV, SICK AppStudio, enabling fast processing and low takt times
- Custom C++ Vision libraries

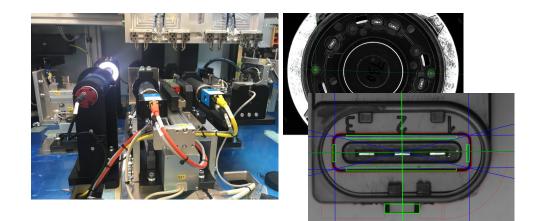
Interdisciplinary experts

We are currently present in the automotive, wood-processing, healthcare, military and transport industry.

Working for your benefit

- 100% reliable quality assurance recall elimination lower costs
- Automation elimination of the human factor from the QA process
- Friendlier error margins higher control reliability resulting in more agreeable error margins





Who for?

Automated QA systems are intended for manufacturing companies that want to keep up with the times and have customers who value or demand 100 % of quality products with each delivery.

Who are our current clients?

Hidria (end customer) Avastar (machine building) Domel (end customer) PS Logatec (machine building) Slovenska Vojska Menina Mahle Lek Mbvision Sumida Ama Laser Eurotunnel

Total control over the processes

- Quick response servicing/error resolution remote support
- Tailor-made systems based on client demands
- Data analysis and **pinpointing** which segment of the manufacturing process causes higher defect count (throw-out)

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REFERENCINE NOS	2020-10	202680291		19.069242	-29.196166	0.093724	3.99	21.535999	-29.71452	0.056522	3.904999	25.143236	-30.521000	0.095124	3.892999	21.543068	-31.290199	0.004222	3.90
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Sciences -	2020-13	203680177	3	19.182822	-29.177991	0.027965	3.947	21.546901	-29.717831	0.046155	3.938	25.21488	-30.501244	0.000669	3.855	28.858132	-31.234509	0.138009	3.95
Application	2020-10	203650446		19.11116	-29.297193	0.011507	3.980999	21.573402	-29.723815	0.028846	3.976999	25.200892	-30.563897	0.03036	3.992	25.543034	-31,349384	0.533211	4,043
¢€ SETTINGS	2020-11	202680179		19.19796	-29.290008	0.00283	3.951999	21.558434	-29.723476	0.034384	3.907	25.164819	-30.509744	0.082304	3.522999	28.549001	-31.281348	0.291204	3.948
	2020-18	203670259	6	19.075627	-29.394523	0.02498	3.978	21.59887	-29.715086	0.053949	3.920999	25.202822	-34.553	0.028064	3.979	28.316449	-31,338645	0.062054	4.0609

Fully automated approach

The robot picks up the piece and places it into the measuring station. A system of cameras analyses the piece from all angels. An industrial PC signals the piece status to the controller - good/not good. Based on the computer input the robot than moves the piece to the corresponding (good/not good) conveyor or repository.





