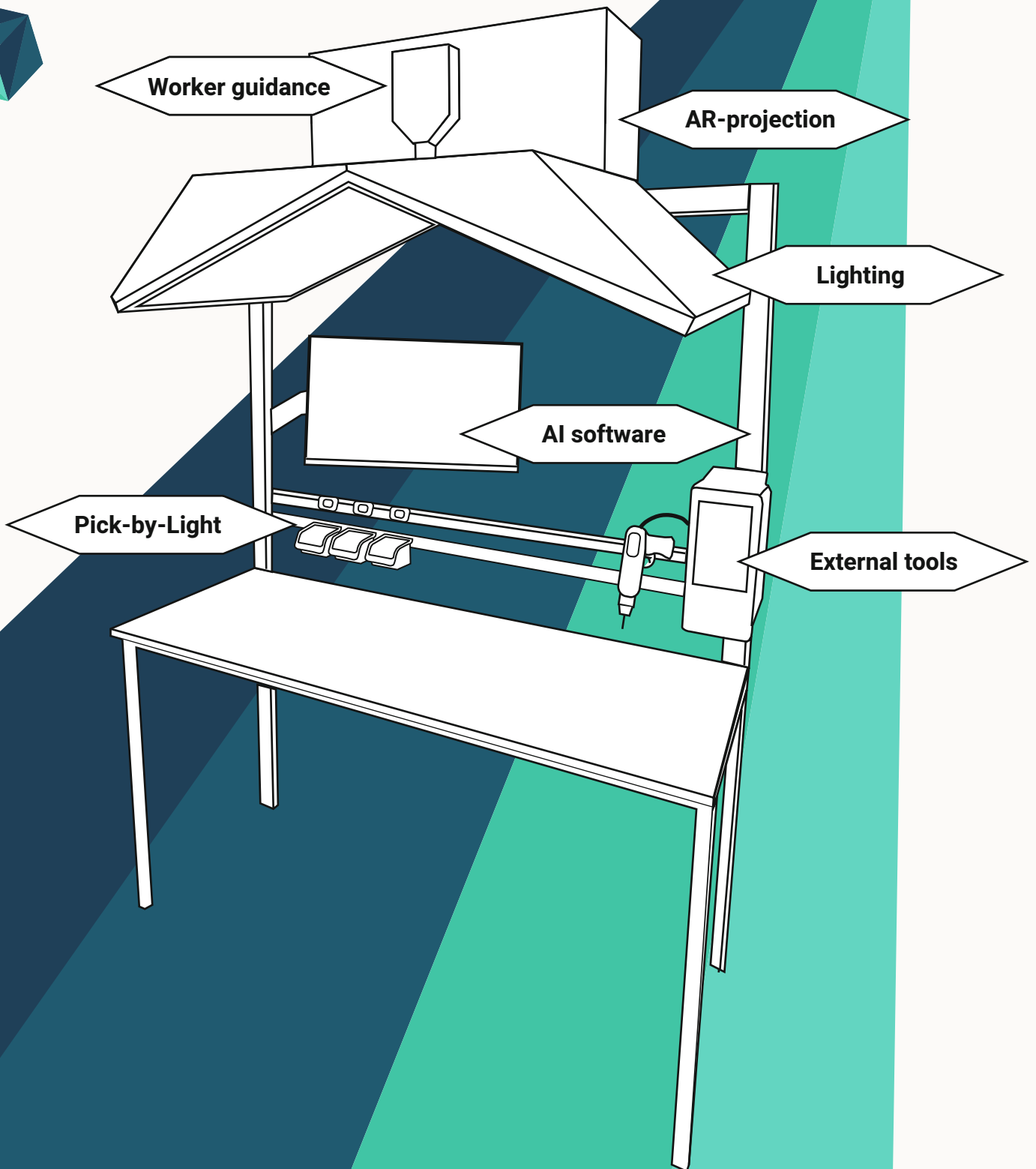


# VISION<sup>4</sup> quality



# About us



Our solutions can be used in a wide range of applications such as assembly control, visual inspection, worker assistance guidance, anomaly detection, and order picking.

We believe that technology should be simple and accessible, without complex programming requirements or technical hurdles. Our goal is to develop products that are straightforward and transparent in all steps, from the purchase to setup, use and expansion.



## “Our values are the foundation of our work.”

Our company is characterized by diversity and a young, dynamic team. We are proud to develop innovative solutions and shape the future of technology.

### Vision4Quality in a nutshell

- 20 + Employees
- Customers all over Europe
- At home in Würzburg
- Strong Partnership with Universities

Our **no-code principle** makes quality assurance accessible to everyone!

- Quality assurance systems
- Worker guidance
- Fully automated Inspection
- Assembly inspection
- Robotic Guidance



#### Innovation

We are always looking for new ideas and approaches to improve our products and services.

#### Customer focus

Our customers' needs are at the heart of our work. We strive to exceed your expectations.

#### Teamwork

We combine experience and expertise from different specialist fields to consistently achieve the best results.

#### Sustainability

We focus on sustainable technologies and environmentally friendly approaches. Our solutions are designed to have a positive long-term impact.

#### Excellence

We strive for the highest quality in everything we do. Only in this way can we offer our customers the very best.

#### Transparency

Openness and honesty are important to us. We communicate clearly and comprehensibly.

Achieve a zero-defect production with our products. inspection, analysis, evaluation, and long-term traceability of data—all in one solution.

Get the best of both worlds from AI and conventional image processing: object recognition, classification, anomaly detection, contour comparison, and much more.

# products 4 quality

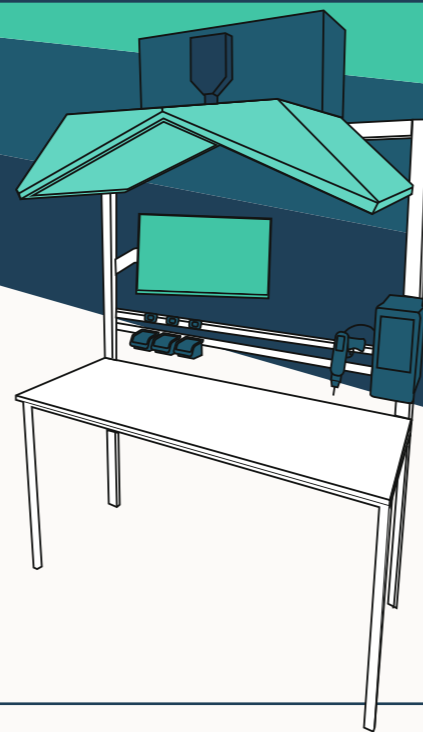
## Individual Solutions tailor-made for your production



Train your own AI models and let's work together to create the right system for you!

### ModPCB

ModPCB is a camera-based worker guidance system. Directly at the workplace, ModPCB guides workers through the individual work steps and checks each one at the same time. This allows errors to be corrected immediately and missing parts to be added.



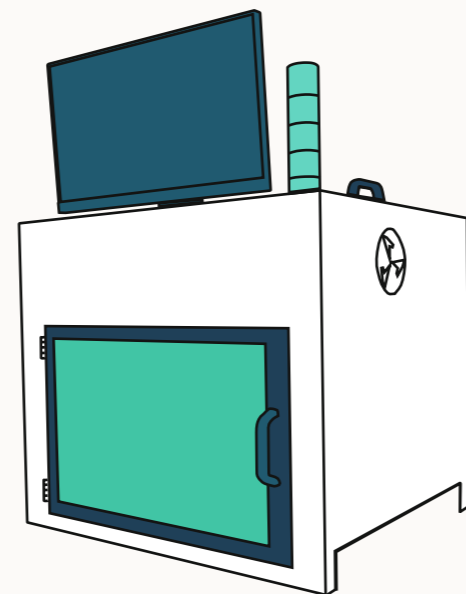
### ModOFFICE

ModOFFICE is PC software that allows you to train your own AI models. These can be used immediately in our inspection systems. Let your data work for you for even greater precision and scalability!



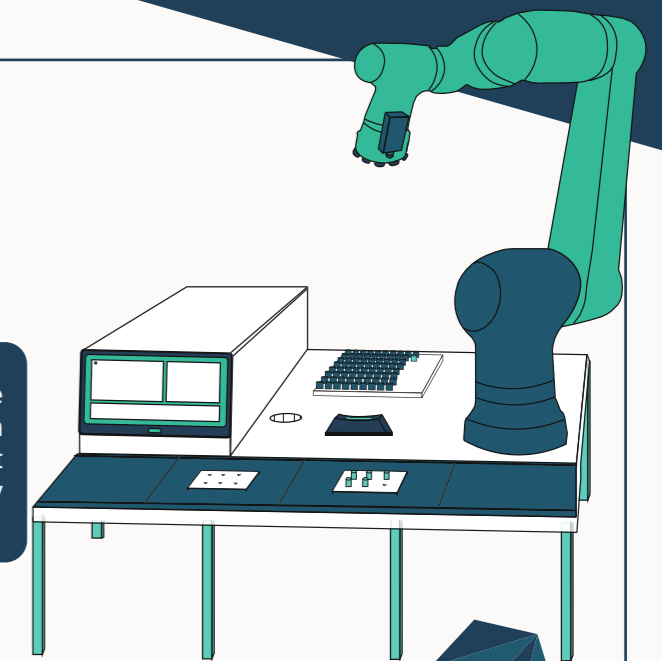
### ModSPOT

As a fully automated inspection system, ModSPOT offers a wide range of configuration options. Whether as a closed inspection box, an inexpensive axis system, or an ultra-fast multi-camera system, ModSPOT can be tailored precisely to the requirements of your production.



### ModEYE

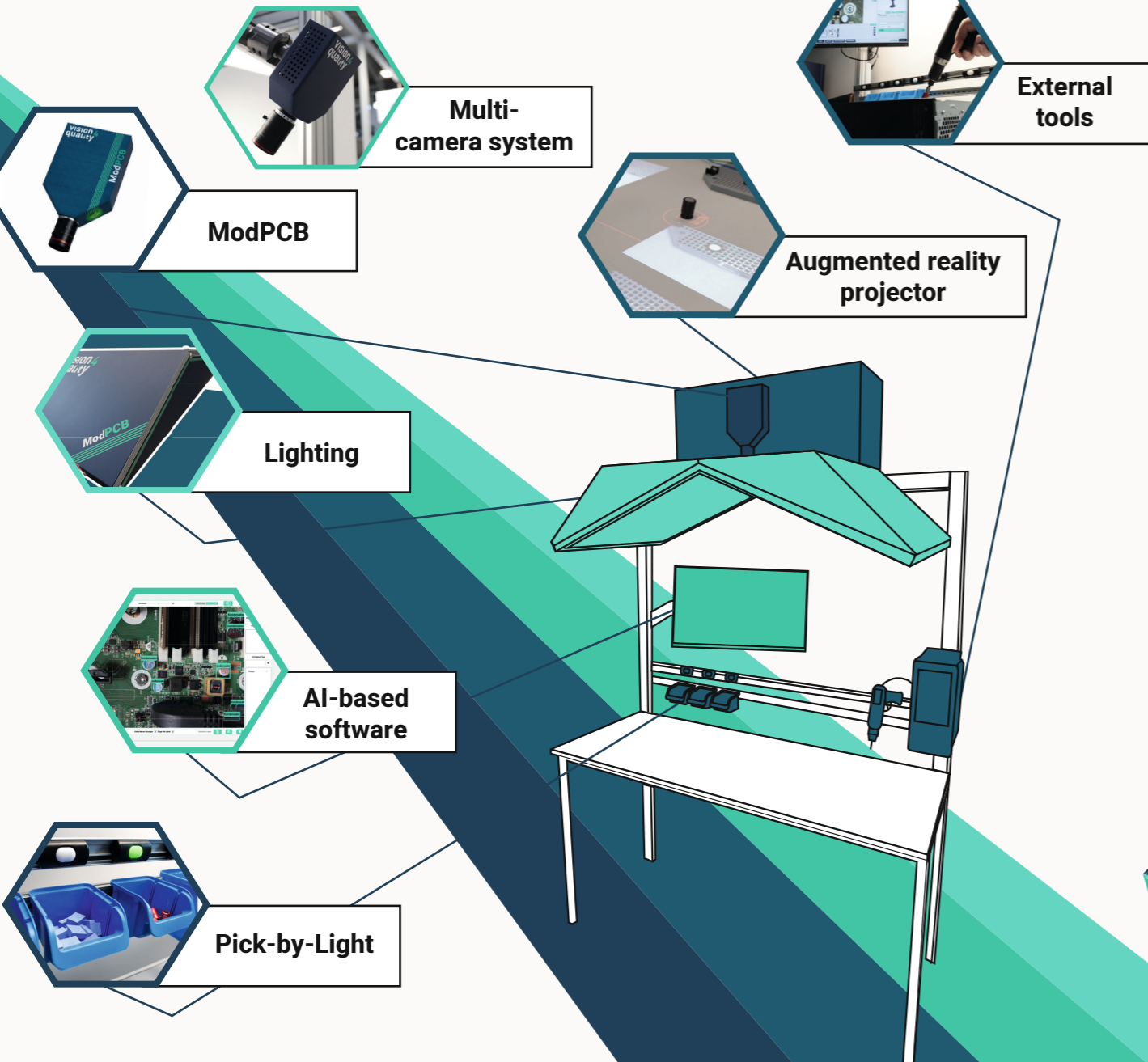
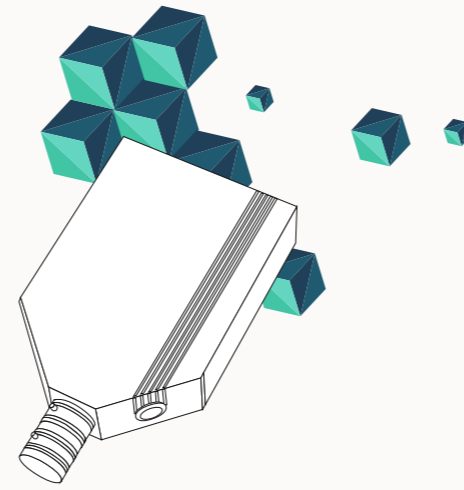
As a robotic guidance system, ModEYE is your interface between camera-based visual inspection and robots in production. With our no-code software, automated robot systems can be set up in just a few clicks without any programming knowledge.



## ModPCB

### Camera-based worker guidance

ModPCB guides you step by step through the assembly process and detects errors immediately, allowing components to be repaired or sorted out right away. Up to two optional additional cameras capture every detail from different angles. With a selection of cameras ranging from 12 to 40 megapixels and various lenses, every requirement can be met individually.



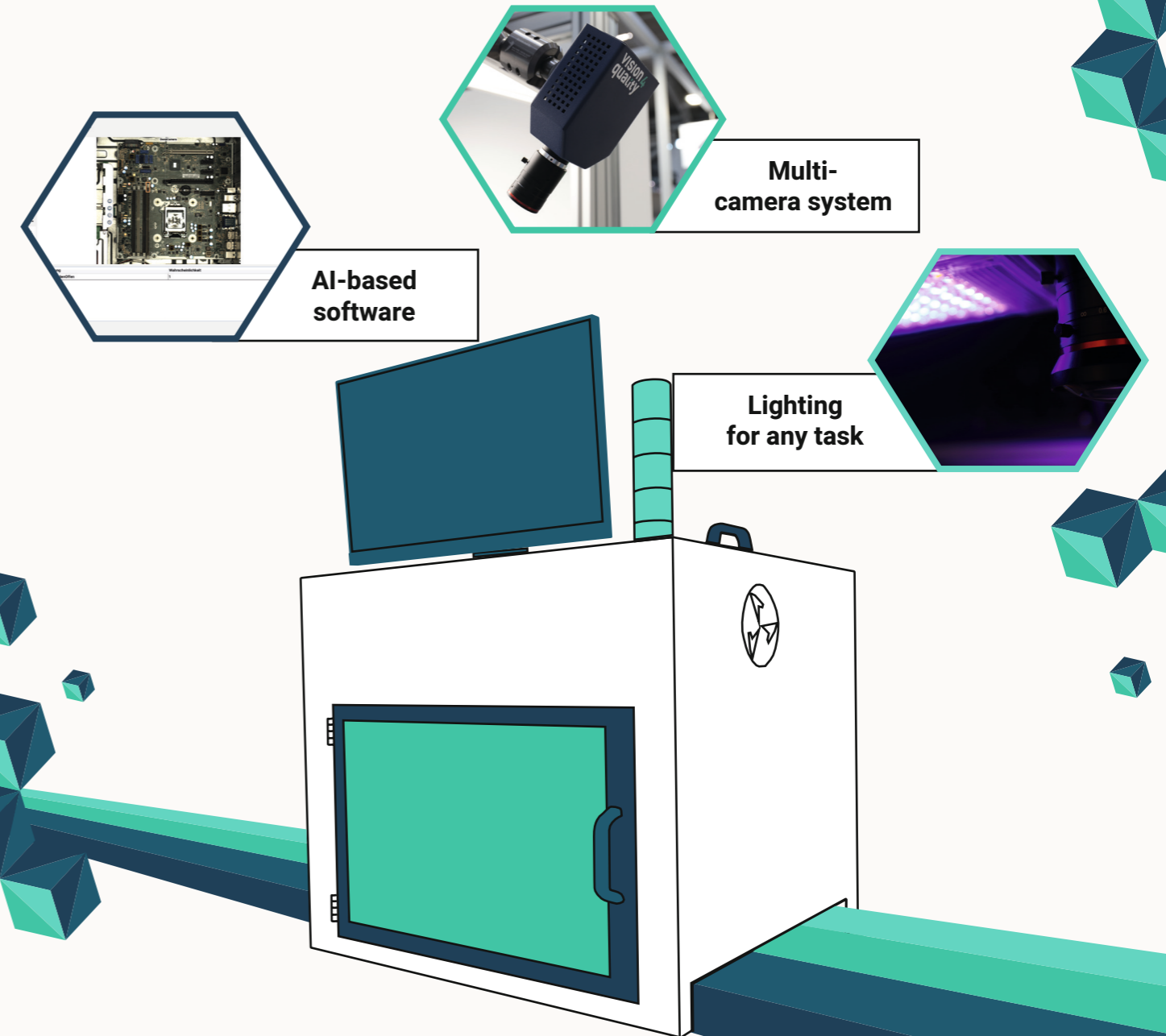
Thanks to its compact design, ModPCB can be easily integrated into your existing production lines. Thanks to a variety of add-ons, such as additional cameras, lighting or a projector, the worker guidance system can be adapted to any work process.

This all-in-one system combines high-performance hardware consisting of a PC, camera, and lens with clever no-code inspection software including a database. All settings can be configured on site and no additional devices are required. Additionally, ModPCB is compatible with a range of features that ensure smooth integration into any production workflow.

## ModSpot

### The flexible AOI system

ModSPOT is a freely configurable, fully automated inspection system. The individual components can be assembled in such a way that they can be easily integrated into any production environment, whether in-line or end-of-line. With axis or multi-cam systems, even large and complex inspection areas can be covered. The finished system offers a variant with an isolated inspection environment in which UV coatings, among other things, can be inspected.



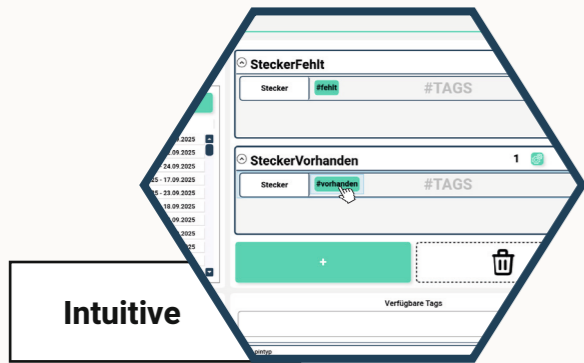
ModSPOT is the solution that excels when conventional automated inspection systems reach their limits. Every production process and every product has its own unique challenges that off-the-shelf systems are often unable to meet. ModSPOT, on the other hand, offers flexibility and is tailored precisely to your needs.

Like all our other products, ModSPOT is based on our no-code software, offering high user-friendliness and easy integration into your manufacturing processes. Even if new products are added or existing products are modified, the inspection program can be adapted directly in the software with just a few clicks.

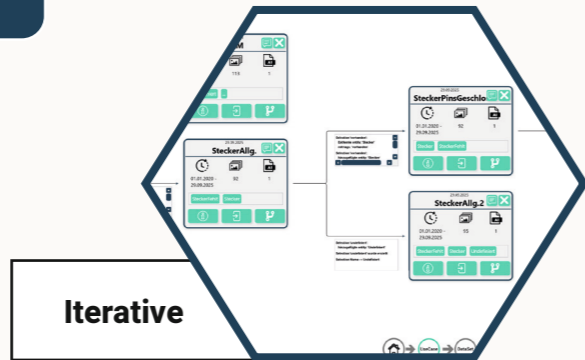
# ModOFFICE

## The AI software

ModOFFICE learns by means of image processing and offers effective solutions for assembly and installation errors, and quality problems of all kinds.

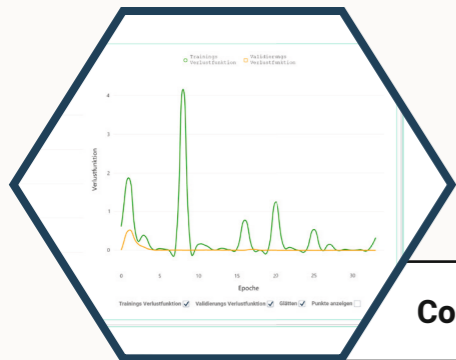


Intuitive

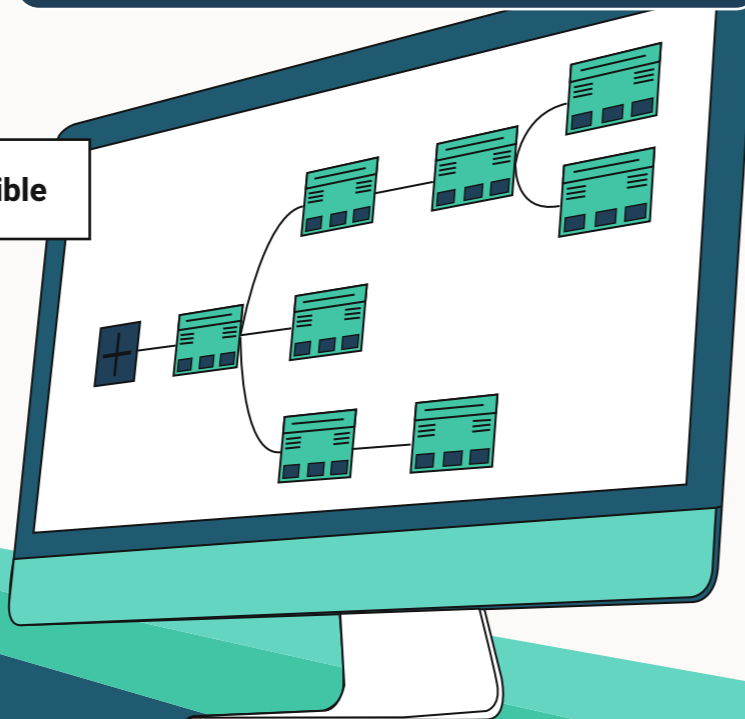


Iterative

ModOFFICE is installed on your PC and allows you to create AI models in just a few clicks without any programming knowledge. With our inspection systems, such as our ModPCB worker guidance system, you can collect image data of your components. Based on this data, you can conveniently create AI models in ModOFFICE from your PC. These are immediately ready for use and can be used directly in your inspection system. To help you get started with ModOFFICE, we offer a two-day training course and our online academy.



Comprehensible



Let your data work for you!

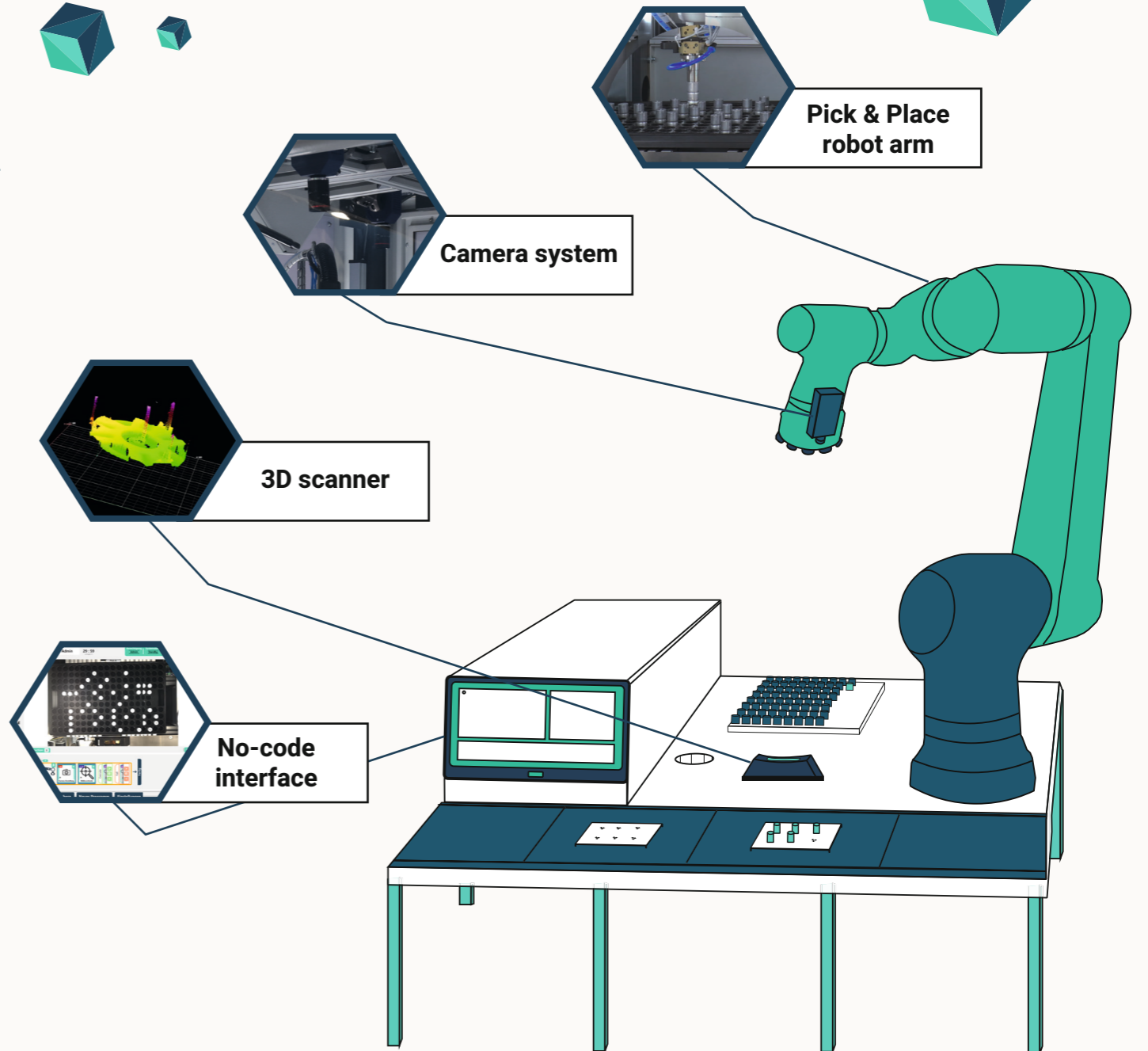
AI is a real performance booster for your quality inspection. Even the smallest and most irregular deviations from standards are reliably detected.

ModOFFICE makes quality control scalable. Based on existing data sets, AI models can be adapted to new components or component configurations with minimal effort.

# ModEYE

## The Robotic Guidance system

ModEYE is an integrative solution that connects robots with the camera-based inspection system of a production line. This allows robots to perform, among other tasks, pick-and-place tasks while simultaneously checking the quality and positioning of components.



Camera system

Pick & Place robot arm

3D scanner

No-code interface

ModEYE is the interface between camera-based visual inspection and robots within the production process. Whether Eye-in-Hand, for high resolution from every perspective, or Eye-to-Hand, for maximum overview: With ModEYE, robots can react to irregularities or damaged parts in real time, drastically reducing scrap.

# The right tools for every situation

Our products offer a wide range of configuration options and additional add-ons. Design your inspection system according to your wishes and needs!

## Digital tools

Thanks to our integrative software, external devices such as screwdrivers, calipers, or code scanners can be easily added into the inspection process. This means that non-visual parameters (e.g., torque when tightening screws) can also be verified.

## Workplace lighting

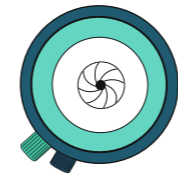
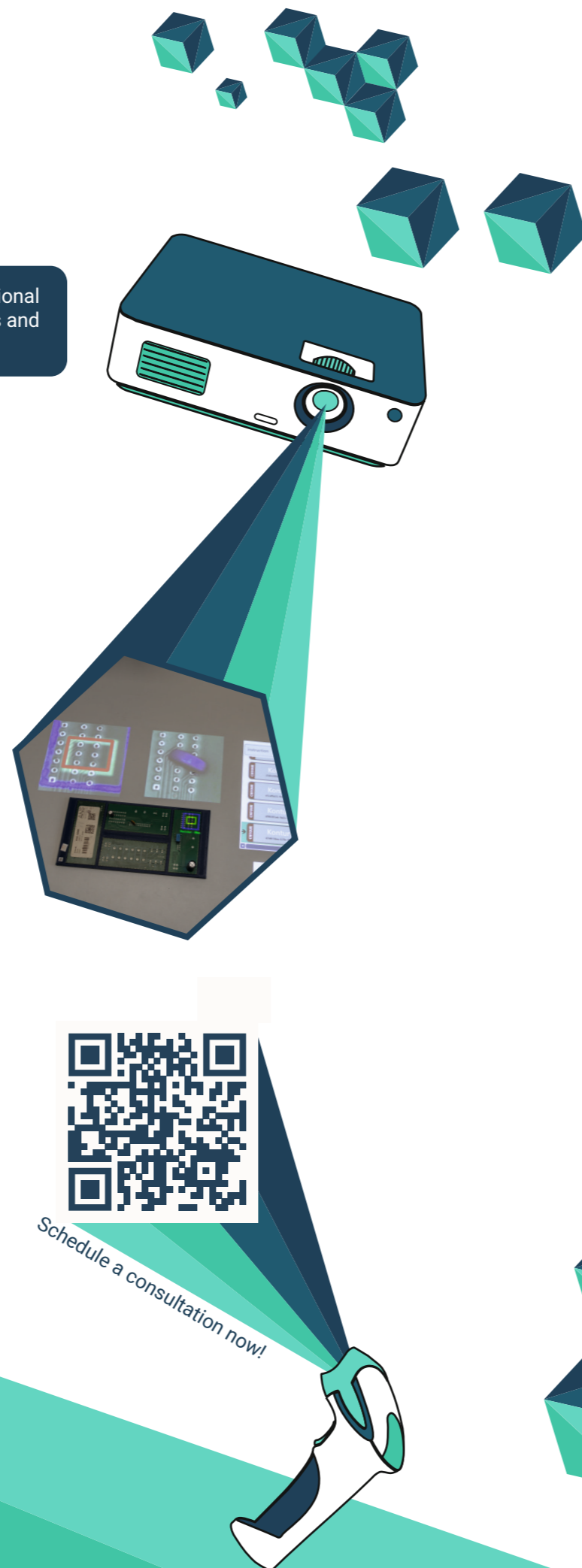
Permanently installed lighting ensures consistent conditions and contributes to precise inspections. Special types of lighting (e.g., UV) also enable new inspection methods.

## Projector + Pick-by-Light

The projection of guidance elements onto the work area and markings directly onto the components ensures even greater efficiency and precision. The projector can also be used for pick-by-light.

## Signal outputs

From signal lights to production lines: To ensure seamless integration into your production, all our systems can communicate with external devices via outputs.



# An eye for quality

## Resolution

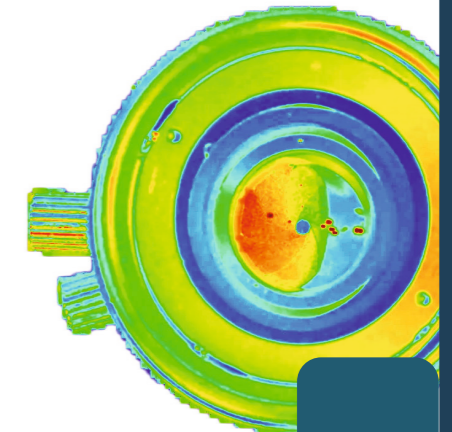
With resolutions of up to 40MP (8k+), our inspection systems don't miss a single detail.

## Additional cameras

One camera is good, but many are better. Our systems can be equipped with additional cameras so that the inspection can be carried out from any angle.

## Specials

Thanks to special solutions such as our thermal imaging cameras, our systems ensure quality even where the human eye reaches its limits.



# Performance for every production

Every production process has its own individual workflows and pace. Inspection systems should integrate seamlessly into these workflows and not slow down production.

The different performance levels of our systems provide the necessary computing power for any requirement.



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