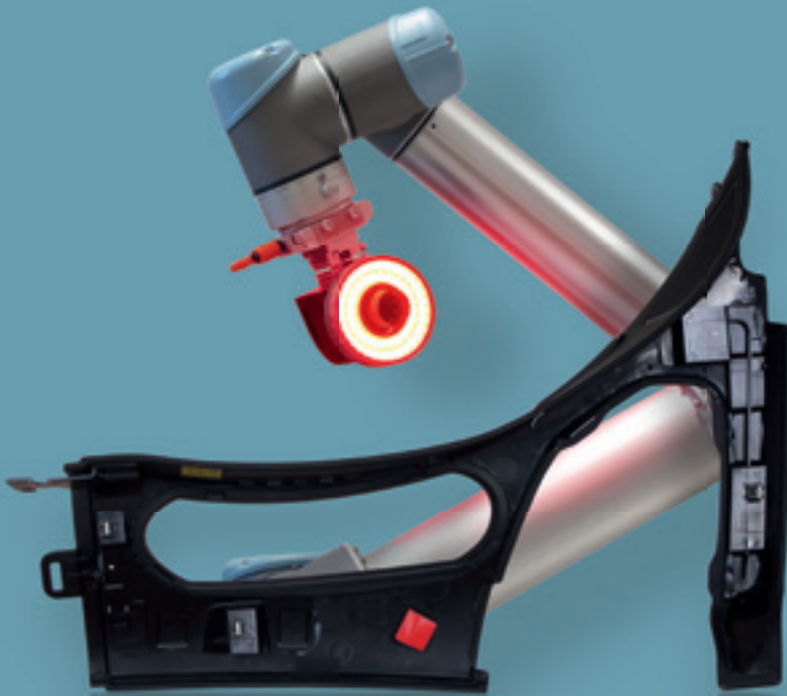


Image processing and robotics for flexible quality control

With our proven combination of an optical recognition system and robot control, we can offer you the realization of customised and high-performance systems for quality assurance within your company. And – thanks to inline measurement technology – this can be accomplished as early as the production line, if desired.



Functioning

Through an interface, the production system delivers the component variant to be inspected to the Robot Vision Center software. At that point, the software carries out the tailored inspection process, which may include a wide variety of inspections. Examples of this include the verification of the installation or the correct anchoring of attachments, measuring tasks, the reading of the code, and much more. In doing so, the robot takes on the precise positioning of cameras, 2D/3D sensors and lighting systems.



Software

Robot Vision Center offers customised solutions for automation and inspection tasks with robot control. It is characterised by high degrees of accuracy, process reliability and ease of use. Your advantage: maximum cost-effectiveness and efficiency.

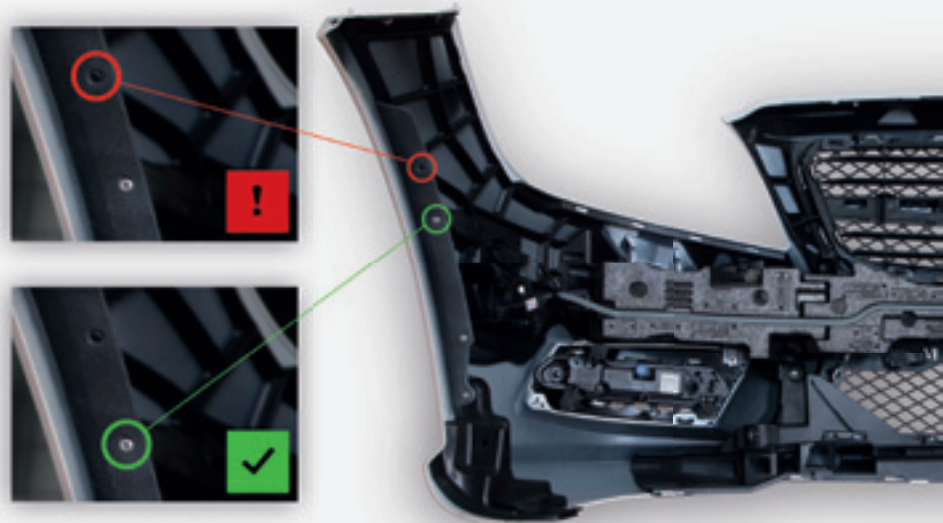


Inspection of automobile assemblies

The Robot Vision Center allows for the flexible inline inspection of variant-rich and large body parts for the automotive industry. From the car dashboard, through the doors, up to the bumpers, individual inspection tasks can be realized quickly and with minimal inspection effort, even with frequent type changes – and without retrofitting.

Use case: Assembly check

On large assemblies, such as bumpers in the automotive industry, it is often the case that numerous components must be attached in the positions provided for them. The Robot Vision Center facilitates the rapid and reliable recognition of completeness, visualises and documents errors and transmits the result to the production interface.



attentra GmbH
Wilhelmstraße 8
72074 Tübingen

Contact:
Christian Vollrath
+49 (0)7071 54955-12
cv@attentra.de

www.attentra.de
www.robotvisioncenter.com/en



youtu.be/v9-AmsF3EeQ