



- Recognition of critical positions
- Prevention of assembly mistakes

ART's solution with VERPOSE® - Easy-to-use image recognition.



The small, compact and robust **VERPOSE®** camera mounted on the tool detects critical assembly screw positions. It enables preventing assembly mistakes by controlling and identifying the sequence and screw positions.

By using an AI software, the screw positions, trained in a short setup process, will then be able to recognize accurately and robust.

Our cableless VERPOSE® version VERPOSE®/TI is closely interacting with the tool to achieve maximum performance in a compact shape.



Recognition of various screw positions on a car seat with VERPOSE®

ART's solution with DTRACK - Marker-based tool tracking

For table-like assembly situations ART provides an industrial version of its well-known **DTRACK**.

Our DTRACK solution identifies the critical positions of the handheld tool by using reflection-based triangulation and provides accurate 6DOF output from any tool, or even from the assembly location.

A small passive target on the tool enables to track any assembly device with the compact ART optical tracking system. Moreover, DTRACK can monitor several devices at the same time in the same area.



Identical and closely placed screw positions with EV battery connectors.

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Since 1999, ART is one of the leading manufacturers of premium optical motion tracking systems for industrial applications and Virtual and Augmented Reality (VR/AR). More than 2000 installations worldwide have been set up, many of them in the automotive industry. All ART products are highly precise, reliable in use and can be customized.

The company is located in Weilheim i. OB, near Munich, Germany. More information about ART: ar-tracking.com