

## **Remote laser welding of car doors with optical seam tracking**

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The increasing precision, versatility, and speed of laser processing heads, which have over time increased manufacturing efficiency, are enabling improvements in the quality and performance of systems for vehicle manufacturing. The RLSK remote laser welding system from II-VI features a state-of-the-art optical seam-tracking device for welding aluminum and steel car doors that enables significantly lower cycle times compared with standard tactile guided welding optics. Our presentation relates a case study demonstrating the benefits and capabilities of this seam-tracking device.