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FOR IMMEDIATE RELEASE

PARMI Wins 2026 Mexico Technology Award for Advanced Laser-Based AOI Technology

San Diego, CA – September 2026 – PARMi, a leader in advanced 3D inspection systems, has announced that its Xceed II has received a 2026 Mexico Technology Award in the Inspection – Laser-Guided AOI category. The award was presented during a ceremony held before SMTA Guadalajara 2026 on Wednesday, October 7, 2026, in Guadalajara, Jalisco, Mexico.

The Xceed II is PARMi's next-generation 3D Automated Optical Inspection (AOI) system, engineered for advanced semiconductor packaging and high-density SMT manufacturing. Featuring the newly developed TRSC2 sensor, the system delivers scanning speeds 40-60 percent faster than the previous generation while improving both 2D and 3D image quality. Its shadow-free dual-laser optical triangulation technology simultaneously captures full-color 2D images and precise 3D height data in a single scan, enabling highly accurate inspection of SiP devices, bare die, solder paste, bumps, underfill, Cu clips, IGBTs, and components as small as 0201.

To further enhance productivity, the Xceed II integrates with PARMi's optional AI System, which automates inspection model creation, OCR, and defect verification. AI Teaching reduces programming time by approximately 90 percent using only a PCB and BOM, while AI OCR decreases false calls by up to 99.73 percent (acceptance rate of 0.27 percent). AI Verification further improves inspection efficiency by automatically performing secondary defect review, allowing inspectors to significantly increase throughput while maintaining consistent quality. Together, these technologies reduce setup time, minimize rework, standardize inspection regardless of operator experience, and lower overall manufacturing costs.

"We are honored to receive this Mexico Technology Award recognizing the innovation behind the Xceed II," said Juan Arango, Head of Sales and Business Development, PARMi USA. "By combining high-speed laser-based 3D inspection with powerful AI-driven software, the Xceed II helps manufacturers achieve faster production, greater inspection accuracy, and more consistent quality. As electronics continue to become more complex, we're committed to providing technologies that help our customers improve efficiency while meeting the highest standards of reliability."

With its combination of advanced laser inspection, intelligent automation, and semiconductor-grade imaging performance, the Xceed II provides electronics manufacturers with a powerful solution for improving yield, reducing false calls, and supporting the next generation of advanced electronics manufacturing.



The Mexico Technology Awards recognize the most recent technological innovations in Mexico's manufacturing landscape, spotlighting achievements by OEM manufacturing equipment and materials suppliers over the past year. For more information about the awards, please visit www.mexicoems.com/mta-awards.

For more information about PARMI and its inspection solutions, visit www.parmi.com.

About PARMI

PARMI is a manufacturer specializing in 3D inspection equipment used to improve print quality and yield in SMT production lines. Throughout its 28 year history, the company has specialized in developing in-house expertise in laser measurement and software support. PARMI is a global leader in Electronics product inspection in 3D. For more information, visit www.parmi.com.

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