FOR IMMEDIATE RELEASE

TRI Receives the 2026 Global Technology Award for AI Verify Host

[**October 28, 2026 – Rosemont, IL**] Test Research, Inc., the leading test and inspection systems provider for the SMT industry, announces that the company's AI-Powered Repair Station, AI Verify Host, received a 2026 Global Technology Award in the Software Process Control category.

The AI Verify Host introduces a centralized, server-based AI repair station that automates defect verification across SPI, AOI, and AXI systems. Instead of relying on manual operators to review thousands of inspection images each shift, the platform uses multi-model AI, including detection, classification and segmentation, to deliver automated defect judgment.

Key Features & Benefits

- Automated Defect Classification: The system automatically verifies defects flagged by the inspection line. A key application is verifying all 2D inspection windows, automating the buy-off process and significantly reducing false calls.
- Central Server Architecture: A single AI Verify Host server connects to and services multiple inspection lines , including AOI, SPI, and AXI. It receives defect data from the repair stations and returns a pass/fail judgment, centralizing your factory's AI power.
- Proven Cost & Labor Reduction: Case studies show the AI Verify Host enables a "1-Person, 2-Line Control Center," effectively reducing the number of operators needed per line.
- Intelligent SPC Reporting: The system includes powerful SPC reports that track and compare AI results against operator judgments, allowing you to monitor and continuously improve AI performance.
- High-Accuracy Performance: In real-world applications, the AI Verify Host achieves: o >99% accuracy for common chip defects (e.g., missing, shift, tombstone).
    - >90.5% overall AI accuracy.
    - 10% increase in final yield rate.

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About TRI

TRI offers the most robust product portfolio in the industry for Automatic Test and Inspection solutions. From Optical Inspection to Board Testing, TRI provides the most cost-effective solutions to meet a comprehensive range of manufacturing test and inspection requirements. Learn more at www.tri.com.tw. For sales and service information, please write to us at marketing@tri.com.tw or call +886-2-2832 8918.