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## For Immediate Release

### TTCI Receives 2025 Global Technology Award for Redefining Design for Testability in High-Reliability Electronics

**Baltimore, MD – November 2025** – The Test Connection Inc. (TTCI), a trusted provider of electronic test and manufacturing solutions, has been awarded the 2025 Global Technology Award in the Test Services category for its groundbreaking work in Design for Testability (DFT). The award was presented during a ceremony at productronica in Munich, Germany on Tuesday, November 18, 2025.

For 45 years, veteran-owned-and-operated, ITAR-registered TTCI has been at the forefront of test engineering. With a combined century of engineering expertise, the company partners with OEMs and EMS providers from the earliest design stages through full-scale production testing, ensuring that testability is embedded into the product rather than added as an afterthought. This proactive approach reduces downstream risk, accelerates time-to-market, and delivers measurable gains in yield and reliability.



TTCI's methodology begins before a single trace is laid, evaluating test requirements early to guide optimal component placement, partitioning, and access planning. When engaged after design completion, TTCI conducts comprehensive reviews to determine actual coverage, pinpoint access limitations, and propose changes that enhance both electrical access and overall test strategy. Detailed schematic markups and test specifications align design, manufacturing, and test teams, while integrated boundary scan optimization ensures maximum coverage even in the most constrained assemblies.

By leveraging native CAD data, TTCl builds efficient test programs for industry-leading platforms including Keysight, Teradyne, and Seica, cutting debug time and speeding deployment. The company's predictive coverage analysis, using its proprietary Presence, Polarity, Value, and Solder (PPVS) metric, gives customers a clear, quantified view of what will be tested, what won't, and where improvements can be made.

The results speak for themselves. Customers regularly achieve up to 95% test coverage on mixed-technology boards, reduce rework cycles by as much as 40%, and maintain consistent quality from prototype through production. More than a service provider, TTCl acts as a partner—fostering close collaboration between design and test teams to achieve superior outcomes.

"In high-reliability markets like aerospace, defense, medical, and industrial electronics, testability isn't optional—it's mission critical," said Bert Horner, President of TTCl. "This award recognizes our dedication to ensuring that every product we touch is built to meet the highest standards of quality and reliability from day one."

From its roots as the first test engineering company in the electronics industry to its position today as a trusted leader in DFT, TTCl continues to prove that quality is engineered into a product long before the first unit is built. This award is a testament to the company's enduring role in helping customers design, build, and deliver smarter.

Since 2005, the prestigious Global Technology Awards have recognized the absolute best new innovations in the printed circuit assembly and packaging industries. It brings together the global SMT and advanced packaging industry in a celebration of the companies and people that are achieving the highest standards and driving our industry forward. For more information, visit [www.globalsmt.net](http://www.globalsmt.net).

For more information about TTCl's DFT services, visit [www.ttci.com](http://www.ttci.com).

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#### **About The Test Connection Inc.**

The Test Connection Inc. (TTCl) is a leading provider of electronic test and manufacturing solutions, serving a diverse range of industries. With a strong commitment to quality and innovation, TTCl also believes in giving back to the community through meaningful charitable initiatives. For more information, visit [www.ttci.com](http://www.ttci.com).