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For Immediate Release

More Than Electrical Test: TTCl to Spotlight X-ray and CT Capabilities at SMTA Capital Expo

Baltimore, MD – May 2026 – The Training Connection LLC (TTC-LLC) will exhibit at the SMTA Capital Expo on Thursday, May 14 at the DoubleTree by Hilton Baltimore - BWI Airport.

Best known for its electrical test services, TTCl will be highlighting its X-ray and computed tomography (CT) inspection capabilities—services that are increasingly being used alongside traditional test methods to better understand complex electronic assemblies.

At the center of these capabilities is the Prime TruVision™ X-ray and CT Inspection System from Creative Electron, which enables TTCl engineers to examine internal structures in high detail without destructive analysis. The system supports 2D X-ray, laminography, and full 3D CT scanning, allowing for in-depth evaluation of solder joints, vias, plated through holes, and component connections.

This level of visibility is especially useful when investigating issues that electrical test alone can't fully explain. TTCl uses X-ray and CT to analyze voiding, inspect BGAs and QFNs, identify barrel cracks, and uncover structural defects that may impact long-term reliability.



Rather than treating inspection and test as separate steps, TTCl integrates these capabilities into a single engineering workflow. Electrical test confirms performance, while X-ray and CT help pinpoint the root cause when something isn't right. For customers, that means faster answers and a clearer path to resolution.

With more than 45 years of experience, TTCl continues to expand its engineering services to meet the needs of today's manufacturing challenges—where smaller components, denser layouts, and higher reliability expectations demand deeper analysis.

Attendees at the SMTA Capital Expo are encouraged to stop by and connect with the TTCl team to discuss their current test and inspection challenges.

To learn more about TTCl's test services, visit www.ttci.com.
For information on training programs, visit www.ttc-llc.us.

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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.