



**The Test
Connection, Inc.**

GETTING TO THE POINT

WWW.TTCI.COM

**NEPCON
EAST
ELECTRO**

Time moves fast, since our last full newsletter we were at the **Productronica Show in Munich, Germany** in November and the **APEX Show in Anaheim, California** in February of this year. And now we are coming up on the **NEPCON/East Show (Booth# 2502)**, in **Boston, Massachusetts May 5th & 6th**. Alan Niesel our New England sales representative and Mark Harding, National Sales Manager for Digitaltest, will be there. Bill Horner, President, Bert Horner, Sales Manager, along with a few TTCI test engineers will be at the show.

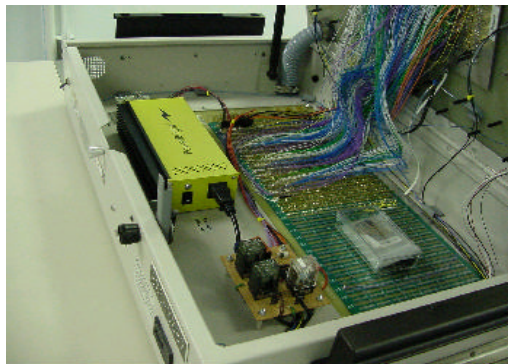
We Look forward to seeing you all at **NEPCON/East** with it's new location at the **Hynes Convention Center** on Boylston Street. Years ago when ATE East had their show at Hynes Convention Center there were many good places to go and see. It's a fun place to be.



Look for this **Booth# 2502** at **NEPCON/East Boston, Massachusetts**

Functional at ICT? Yes!

From simple DC voltage measurements to AC power injection, many types of functional testing can be done right on your ICT tester. Some more sensitive types of



measurements will require a bi-level fixture to isolate the tester from all board nodes not needed for the functional test. The extra seconds spent on the In-Circuit tester will pay dividends in minutes of time saved at the functional test station.

On a recent job, the customer required verification of the UUT's AC/DC conversion circuitry. **TTCI** built a power inverter into the test fixture to provide AC voltage at a safe, low amperage. Quick-blow fuses, relay disconnects, hard disconnects and a neon "power on" light all combine for safety of the operator, the in-circuit tester and the UUT.

Let **TTCI** quote your ICT and functional tests. **We can do it!**

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**With an office in
Manchester, NH.**

Folsom's Fast Facts Serial Numbering

Whether your application demands binary-coded-decimal, ASCII or hexadecimal, **TTCI** has the experience and expertise to scan and encode a serial number, date code and MAC address into a serial EEPROM on either **Agilent 3070** or **GenRad** TestStation by **Teradyne**. SPI™, I2C™, 2-Wire, 3-Wire EEPROM's and digital potentiometers have all been successfully programmed at In-Circuit test by our crack staff of test engineers. Call **TTCI** today for all your test programming needs from MDA to in-circuit to functional.

Have Production Test Problems?

The Test Connection can place a test engineer on your production or design floor. Maybe just for a day or two, or a few weeks. They can be test engineers with years of experience to solve test production problems for In-circuit **GenRad (228X)**, **Agilent 3070** or **Flying Probe**. The same test engineer can work with your company for quotation or DFT in conjunction with **TTCI Maryland** to provided help any where in the USA. The customer can take advantage of The Test Connection's 25 years experience. Test engineers can also be supplied for long-term solutions.

Agilent Technologies Ohio Users Group 2004 Hospitality Suite Co-hosted by The Test Connection, Inc.

Tradeshows, Seminars and Users Group meeting...Oh My! **The Test Connection, Inc. (TTCI)** will be hitting the road once again next month. This time, **TTCI** is heading to **Ohio** to

participate in the regional Agilent Users Group Meeting on **May 25th & 26th**. **TTCI** has been a long time Channel Partner of **Agilent** Technologies and this users group forum is a great place for us as vendors to get feedback from customers in the area to see how to better service their needs on the **Agilent** test systems. **TTCI** will also proudly be co-hosting the event at **Dave & Buster's** the night before the meeting. This is our second year co-hosting the event and our way to thanking the customers for allowing **TTCI** to showcase our services. See you there!

TTCI will Co-host the hospitality suite at **Agilent** Ohio Users Group meeting on **May 25th 2004** at **Dave & Busters's**.

Bill Horner, Bert Horner and couple of **TTCI** Applications Engineers will attend the Users Group meeting.



left to right are: Mike Dickey and Bill Horner.

FOR SALE GenRad 2284i

Specifications:

- Excellent Condition.
- The System is Complete with up to 10 Combo II Driver/Sensor Cards.
- HI Voltage/AFTM Module.
- Newer DELL Computer.
- OVP Box (Self Test Fixture).
- Power Supplies Fixed (+5V, +15V, -15V)
- /PS1 20V, PS2 20V, PS3 20V, PS4 60V/ Systems Monitor.
- The System can be purchased in conjunction with test programs and fixtures for immediate use and board testing at your facility.



GenRad 2284i

Another New Test Engineer

Tamer Beshai joins **TTCI** as a Test Engineer specializing in Flying Probe test development. Tamer has six years of electronics engineering experience and an Electronics Engineering degree. He comes to us from **Digitaltest** where he was an applications specialist focusing on the **Condor Flying Probe** MTS500 and **Sigma** MTS300 ICT software/tester. At **TTCI** he will be part of the support team for the new **Condor** Flying Prober with **JTAG** Boundary-Scan built into our testers on our floor. Tamer also has experience with PC networking. Bill Horner, President stated, "With the addition of Tamer, it only strengthens our test engineering staff, as I believe we have the best and most experienced test engineering in the board test industry."

TTCI Mission

The Test Connection is now in its twenty-fifth year of generating quality test programs for In-Circuit and flying-probe testers. We are a Quality Test Engineering company that supports:

- **Agilent 3070 series test development on our 5184 pin 3070 Tester.**
- **Teradyne/GenRad TS/228X testers since 1980 on 4 in house Systems.**
- **Digitaltest CONDOR Flying Probe MTS500-XL with ICT & JTAG.**
- **JTAG Technologies' Boundary-Scan Programming.**
- **Contract Board Testing for all of the above systems with 2 days turn around anywhere in the US.**
- **ICT Testability Reviews and Board Strategy on all types of board.**
- **PC Board Design and Layout for small and large boards using PCAD Software.**