



The Test Connection, Inc.

GETTING TO THE POINT

digitaltest 

The Test Connection, Inc. (TTCI) has just purchased the Flying Probe tester Condor MTS500-XL from Digitaltest. TTCI will support the MTS500-XL Flying Prober for test program development, board test, and is the service center for the Digitaltest Flying Prober in the Eastern United States.

In addition to the flying probe test development, TTCI

also offers boundary-scan development on the ASSET InterTech and other boundary scan systems. As an option, TTCI can

provide a more thorough test using Digitaltest in-circuit test function with a limited bed-of-nails fixture. These types of test will allow customers the choice of three types of testing.

- 1) Prototype flying probe board testing
- 2) Flying probe with boundary-scan
- 3) Flying probe, boundary-scan and limited ICT with (simple bed-of-nails or functional fixture)

In addition to the above options, TTCI purchased all the C-Link Software with 55 CAD systems.



From the President:

Bill Horner stated, "This Digitaltest Flying Prober is a step above the other flying probers and with this addition TTCI can provide customers a complete test solution. This tester is able to test boards up to 28" x 24", the largest in the industry." While visiting at TTCI in Maryland, Dr. Grant Bector, President and Mark Harding, National Sales Manager of Digitaltest agreed that a major programming house in the U.S. is needed to support this system. The installation of a new Flying Prober system at this facility along with TTCI's twenty-four (24) years in ATE test program development, will significantly contribute to the support and increase sales of these systems in North America. Bill Horner said our goal is to turn the review and testing of new PC boards around in just a few days any where in North America.

Atlantech, Inc. of Springfield, VA facilitated the sale of the MTS 500 Condor XL to TTCI. According to Nagy Bayoumi, President of Atlantech, "The versatility and flexibility of the machine, combined with Digitaltest's and The Test Connection's willingness to work, made the deal come together quickly."

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Folsom's Fast Facts

DESIGN FOR IN-CIRCUIT OR BOUNDARY SCAN FLASH PROGRAMMING

FLASH programming at in-circuit test has become a standard option. The board that is designed to enhance the ease, speed and reliability of FLASH in-circuit programming is still rare. Many boards do not have a free disable for each IC. More boards do not take advantage of features built into the various FLASH memories. Most FLASHs now have a READY/BUSY pin or a STATUS pin to trigger the tester to move to the next address to be programmed.

Long programming run times is the number one complaint from customers using a boundary scan tool to program FLASH memories. For higher speed FLASH programming using Boundary Scan, add, in addition to the 4-5 TAP pins, header access to FLASH WRITE ENABLE and to READY/BUSY. Direct access to these signals, as opposed to scan chain access, may give a 50% decrease in FLASH programming times.

TTCI's "Design for Test" review service can help your next project be successful !

Agilent Technologies Ohio Users Group 2003 Hospitality Suite hosted by The Test Connection, Inc.



TTCI hosted the hospitality suite at the Agilent Ohio Users Group meeting in late May at *Dave & Buster's*. Over ninety customers and thirteen vendors attended providing some informative presentations. Pictured left to right are: Bill Horner, Bert Horner, Mike Dickey of Agilent, Joe Folsom and Jason Platts.

TTCI attended the TUG (Teradyne/GenRad Users Group) meeting in Nashville. The TUG meeting was well attended and informative. Teradyne demonstrated some new programming techniques and many users presented technical papers.



May 5-7 2003

Mark Harding, National Sales Manager for Digitaltest was in our booth at the Nepcon East show. Mark was promoting the new flying probe CON-DOR test system, a new purchase for TTCI. There were six TTCI employees present in the booth at the Nepcon East show, several from the Manchester, New Hampshire office.

Boston, MA June 10-11 2003

The Test Connection, Inc. (TTCI) was proud to be an exhibitor this past March 29-April 2 at the APEX Meetings and Conference in Anaheim, California. TTCI was among its test partners: Agilent Technologies, ASSET InterTech, Digitaltest, Teradyne and other industry leaders. In the photo, Gary St. Onge, President of the Test Fixture Division of Everett Charles Technologies (ECT), demonstrates to Bill Horner two of the new technologies that ECT has released this past winter to help test PC Boards. The two advances that ECT addressed are the LEDCHECKER™ which is a light-probe-detector for LED testing and the new EC-1 Shortwire™ which is one of the techniques in the industry for tight spacing of test probe targets on the UUT. Bill Horner states, "TTCI realizes that partnering with industry leaders, like ECT, gives us an edge when testing the latest technologies."



The Test Connection Also Provides:

- Agilent 3070 test programming and can support all the Agilent options. Has a 3070 Series 3 test system with 5200 pins, 32-channel pin cards and is an Agilent Technologies Channel Partner
- Teradyne/GenRad TS/228X test development with 4 testers.
- ICT Testability Reviews for PC Boards
- ASSET InterTech Boundary-Scan test development and Partner Provider
- Uses Router Solutions Inc. CAM-CAD to interface with CAD systems, also an RSI reseller.
- Main office in Baltimore, Maryland with an office and tester in Manchester, New Hampshire
- Corelis Boundary-Scan Value Added Partner
- Full Test Engineering Service Company.

