



The Test Connection, Inc.

**GETTING TO THE POINT**

WWW.TTCI.COM

**The Test Connection, Inc. is named part of the Teradyne Support Network for TestStation and GR228x**



The Test Connection, Inc. is proud to be a part of the Teradyne Support Network. To be a member of the Teradyne Support Network, "you must bring expertise of one or more services that assists Teradyne's customers in getting the most from the Teradyne board test or inspection equipment", according to Teradyne.

Since 1980, The Test Connection, Inc. (TTCI) has offered quality Teradyne (GenRad) test programming. We are the oldest GenRad programming house in the world. Not only does TTCI offer Teradyne test programs, we also offer full boundary scan capabilities and support, Xpress Tool Suite, Panel Testing and Testability Reviews for all CAD systems.

We are always ready and available to assist our customers and partners with any issues they might be experiencing.

**Just In... An InteFun 2700 Update**

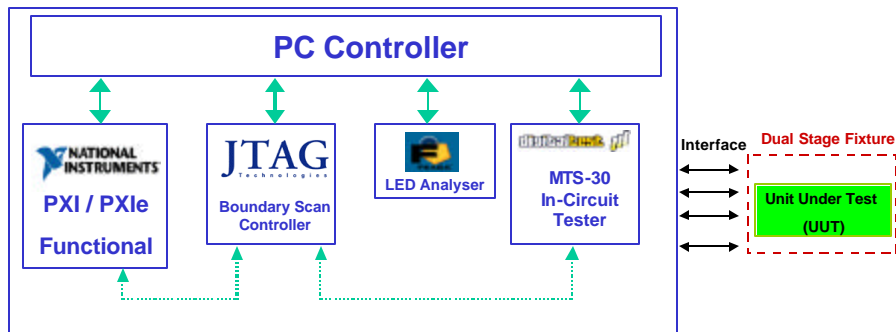
The InteFun 2700 Tester now has two fixture types:

1. A stand alone fixture with dual contacts for In-Circuit Test System (ICT) and functional testing.
2. A Virginia Panel Corporation inter-connect solution. This interface allows many types of connections and methods to choose from. This fixture can be dual level for both ICT and functional testing.

The tester features National Instruments PXI/PXIe, JTAG Boundary Scan, Digitaltest MTS-30 In-Circuit tester and FEASA LED Analyser with TTCI Software.



*How Does It Work?*



April 2007

**Inside this issue:**

Folsom's Fast Facts 2

Agilent Software Update 2

Digitaltest Flying Probe 2

Feasa LED Analyser 2



**The Test Connection, Inc.**

11400 Cronridge Dr.,  
Suite H,  
Owings Mills, MD 21117  
Phone: 410-526-2800  
FAX: 410-526-3547  
URL: www.ttci.com  
Email: info@ttci.com



## Folsom's Fast Facts

### CAD vs. Gerbers

Gerbers are sufficient to build a bare board. CAD is required to develop a test for a loaded board. Gerbers are essentially separate pictures of each layer of the board. CAD is an intelligent description of the board. CAD has net names, reference designators, component outlines, pin numbers, pin connectivity and more. Gerbers have none of that. Although it is mostly possible to reverse engineer a CAD file from the Gerbers, schematics, BOM and assembly drawings, the highly manual process is expensive, time consuming and prone to errors. Do your friendly test engineers a favor and let them have CAD.

## Software Update!

The Test Connection, Inc. has just updated our Agilent 3070 with PC Software. This includes a double boot system that allows TTCI to support both UNIX and the newer PC software. TTCI has an Agilent 3070 four bay system with Hybrid32 cards. TTCI has been providing Agilent 3070 test programs for over 14 years and has a large staff to quickly generate turnkey complete test programs and fixtures installed on your system.



## TTCI Flying Probe Services

The Test Connection, Inc. generates Flying Probe test programs on the Digitaltest Condor and also does in-house board testing. Test programs can be fully generated in one to two days. Board test services can be turned same day. All faults on the boards tested are verified by a test engineer and recorded on an electronic test log. A copy of the log is sent to your manufacturing team. The Condor is the most advanced Flying Probe tester and the fastest on the market. Digitaltest's C-Link software allows us to generate a test program very quickly and more accurately with their industry leading 63 CAD interfaces which virtually allows TTCI to interface with any CAD system.

## FEASA Announces Enhancements to the LED Analyser

Feasa announced some of the details of their latest and greatest LED Analyser. With over 10 years in the industry, the LED Analyser has been a proven solution for both Functional and In-Circuit Test. The latest software adds more features and has several customer driven enhancements which will give more tests, more accuracy and double the speed.

Here are some of the new Enhancements:

- White Color Measurements
- Saturation Measurements

Some features that were added:

- Faster Speed!
- New I/O Functionality
- Remote Capture
- Ability to XY Chromaticity and Wavelength
- Extended Range
- Custom Capture

For more information, please contact The Test Connection. We will be happy to answer any questions.

