

# terotest

## DtifEasy

LASAR Post Processor, Run Time  
and Diagnostic Software Module



DtifEasy is a full-featured tool set for importing, converting, and executing IEEE-1445 compliant digital test vectors generated by a LASAR simulator. All four IEEE-1445 file types - UUT model group, Stimulus and Response group, Fault Dictionary group, and Guided Probe group are supported by DtifEasy; providing the user with the ability to execute go/no-go, fault dictionary, and guided probe sequences. DtifEasy supports Geotest's 3U PXI GX529x series of dynamic digital instrumentation to 200 MHz and the 6U PXI GX5055, 50 MHz digital instrument, which also features a high voltage drive / receive capability.

The DtifEasy conversion tools can be used in conjunction with Geotest digital instrumentation / systems to offer a low cost, superior solution for those users needing to migrate existing LASAR based applications (with .tap files) from a legacy platform to a new test platform. Examples of legacy platforms which might be replaced using this methodology include the Genrad 1795, 1796, 2225, 2235, and 2750, the Hewlett Packard DTS-70, Teradyne L200 and L300, and the Schlumberger 790.

### Key Features:

- Imports, converts and executes IEEE-1445 compliant .tap files from a LASAR simulator for use with Geotest digital hardware and digital functional test systems
- Supports Geotest GX529x and GX5055 digital I/O PXI cards
- Full support for Go / No-Go, Guided Probe and Fault Dictionary functionality
- LASAR simulation allows test program fault coverage to be known & updated
- ATEasy/Windows 32 application with test executive GUI simplifies development and deployment of applications
- Guided probe offers both textual and UUT image probing aides, guided probe tree display, and repeat / skip probes – simplifying the diagnosis of UUT faults
- Open architecture supports interfaces for programming languages including CVI, LabView, VB, and C/C++

### Applications:

- Convert / re-host digital test applications deployed on legacy test systems such as the Hewlett Packard DTS-70, Teradyne L200, L300, Spectrum 9100, Genrad GR179x, GR2750, GR2225, or Factron / Schlumberger S790

### Guided Probe & Fault Dictionary

The guided probe consists of a digital probe, a momentary push button and a status indicator. The probe is compatible with both the GX529x and GX5055 digital cards and provides the probed UUT states for the guided probe sequence, and can use the fault dictionary files to reduce the time needed to locate a faulty component.



If you thought you couldn't test it.....  
.....talk to us !

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