Geotest
Marvin Test Systems, Inc.

Get A Head Start with Geotest Solutions ■ ■ ■

ATEasy

Corporate Profile

Give yourself a head start

In every stage of test-system development—from specification to implementation—you can create opportunities to gain speed and shorten the development cycle. At Geotest, we help you build better solutions faster by putting hands-on integration experience into every one of our hardware, software and system products.

We also do more to get you closer to a fully functional test system—from delivering a configured and tested PXI system to providing responsive support throughout your project. Whether you need test-and-measurement hardware, application-development software, integration services, or turnkey systems, Geotest can give you a head start on the road to a successful solution.

Since 1988, we've provided our customers a head start in thousands of military, aerospace, semiconductor, communications, medical and industrial applications. Based in Irvine, Calif., our ISO-9001-certified facility houses an experienced team that distinguishes itself every day through a deep commitment to customer service.

ACCELERATE SYSTEM CREATION AND DEPLOYMENT WITH INTEGRATION-FRIENDLY HARDWARE

Geotest addresses a wide range of automated-test applications with our portfolio of PXI-, PC- and GPIB-based products. As just one example, you can create compact, efficient systems with our line of high-density PXI instrumentation (3U and 6U) and simplify system integration with a wide variety of "smart" PXI chassis models available in 3U, 6U or combination 3U/6U form factors.

SIMPLIFY SOFTWARE DEVELOPMENT, DEPLOYMENT AND MAINTENANCE

Our ATEasy software offers an integrated software framework that includes test development capabilities and a versatile test executive. Its deep functionality can help you achieve rapid development of test applications such as test programs, instrument drivers and test executives. What's more, it also boosts cost-effectiveness: runtime licenses are not required for deployed systems.
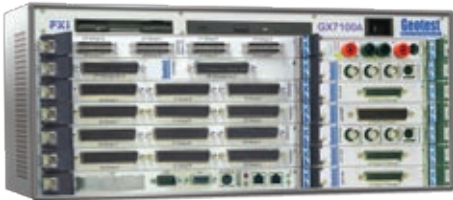
RELY ON RESPONSIVE SUPPORT AND ONLINE TOOLS

Our in-house team of test and application engineers strives to solve most issues within 24 hours. When you need instant help, we offer Web-based tools that provide 24x7 access to support services and an online knowledge base, and also provide detailed product documentation and user guides.

LOWER YOUR TOTAL LIFECYCLE COST OF TEST

A successful test solution also has to deliver a good business case—and Geotest can improve your total lifecycle cost through a tightly integrated offering of hardware, software, systems, services and support. One key contribution comes from familiarity with the long-term support issues faced by aerospace and military programs—and that experience influences our approach to commercial hardware, software and systems. We also contribute to your ongoing success with a support structure that includes staffing, calibration services, spares support and more.

Build better solutions faster

Geotest develops and manufactures off-the-shelf and custom products and solutions for automated test, research, design and manufacturing applications. The products featured here are just a few key highlights from our catalog. For more information about our full range of products and services, please visit www.geotestinc.com.

POWERFUL PXI CHASSIS, INSTRUMENTS, CARDS AND CONTROLLERS

Our line of PXI products includes a variety of unique and high-performance devices that cover the ATE spectrum:
- Smart chassis that monitor internal temperatures and system power
- High-speed and static digital I/O instruments
- DMMs, digital storage scopes and counter-timers
- Arbitrary waveform generators and programmable DC sources
- Switching cards in all topologies, covering DC to RF
- High-performance embedded controllers

A VERSATILE TEST EXECUTIVE AND SOFTWARE FRAMEWORK FOR RAPID APPLICATION DEVELOPMENT

ATEasy is the most flexible and feature-rich test executive in the industry for test, measurement, and data acquisition applications. ATEasy makes it easy to create and maintain test applications by providing virtually every tool you need to develop and maintain software components—from instrument drivers to complex test programs to customizable test executives. ATEasy's open architecture lets you utilize virtually any type of hardware or external software component within systems you create for functional test, ATE, data acquisition, process control, and other demanding applications.

COST-EFFECTIVE REPLACEMENTS FOR LEGACY INSTRUMENTATION

When aero/defense programs outlive the instrumentation used in their test systems, it's often necessary to develop new systems and migrate (and qualify) hundreds of Test Program Sets (TPSs). To provide a more cost-effective solution, Geotest offers a line of 100% form-fit-function replacements for pulse, function, and arbitrary waveform generators originally supplied by HP, Wavetek, and Tektronix. We also offer a PXI-based replacement for aging Summation SigmaSeries systems. All were created in response to customer requests—and we can do the same for you.

Leverage our expertise in systems engineering

Our test-engineering staff has created solutions for numerous applications in many industries, and a few examples are presented here. With a dedicated team of over 30 systems engineers—and more than 20 years of expertise in designing, developing and integrating functional test systems—Geotest can deliver systems and solutions that meet your project's schedule and performance requirements.

RUGGED TESTERS FOR FLIGHT-LINE AND FIELD USE

Designed for the U.S. Air Force's Maverick Missile System, the portable, flight-line qualified MTS-206 has the capabilities of an I-Level test set in a compact enclosure. This ultra-rugged, PXI-based system performs parametric functional testing on the AGM-65 missile and missile sections (GCS and CAS), LAU-117 and LAU-88 Launchers, and launcher/missile clusters. Geotest also offers the MTS-207, the commercial version of this ultra-rugged test set. Based on the MTS-206, the MTS-207 is designed for field testing and data acquisition applications in harsh environmental conditions, and meets MIL-STD-810E requirements. It can also be customized for specific flightline and I-Level test applications.

TURNKEY SYSTEMS FOR COMMERCIAL AND MILITARY APPLICATIONS

The Geotest Systems Division has created turnkey test systems for applications such as digital cellular, telecom, video, geophysical, industrial, transportation, aircraft platforms and weapons systems. Our range of offered services includes test system design, fabrication and integration; Test Requirements Document (TRD) and Test Program Set (TPS) development; Interface Test Adapter (ITA) fabrication; documentation creation (operation and maintenance); and operator training. We understand that every application is unique and requires special attention—and our team can work with you to define and create a cost-effective solution that meets your specific challenges. Our turnkey testers are deployed worldwide in hundreds of manufacturing and maintenance applications, including O-level, I-level, and depot-level test.

Count on our commitment to you

Geotest is dedicated to delivering innovative solutions that exceed your toughest requirements for automated test and measurement. Whether you need to test individual devices, electronic subassemblies or an entire system, our team is focused on providing the highest quality solutions for your needs.

Our existing customers acknowledge and appreciate our commitment to total customer satisfaction. Over time, we strengthen our customer relationships through the responsiveness of our Customer Sales Services (CSS) and Customer Technical Services (CTS) teams. The CSS team is your primary point of contact, ensuring prompt attention to any requests or issues that may arise. The CTS team is ready to address product and application questions—before, during and after your project—and provide training programs tailored to your specific needs.

The Geotest website delivers online support 24 hours a day, seven days a week. Our automated support system, called M@GIC, is accessible via the Web. Once you've registered, you can log in to search an online knowledge base, create and manage incident reports, and update your account information.

OUR MONEY-BACK GUARANTEE

We offer a 30-day money-back guarantee on all Geotest products. If you are not completely satisfied with the quality, workmanship, suitability of the product for your application, or for any other reason, you may return it within 30 days of the date of purchase.

OUR WARRANTY

To ensure reliable and consistent performance, all Geotest products are manufactured using the highest quality materials and superior workmanship. If any product is defective in material or workmanship, we will repair or replace it free of charge within one year of the date of purchase.

GEOTEST AND THE MARVIN GROUP

Geotest, a subsidiary of The Marvin Group, is headquartered in Irvine, California and occupies facilities that support engineering, manufacturing, and corporate functions. The Marvin Group, headquartered in Inglewood, California, has been a leader in the military, logistics and commercial aerospace sectors for more than 40 years. With several companies under its umbrella, 900 employees, and 750,00 square feet of office and manufacturing facilities, The Marvin Group offers diversified product lines as well as extensive capabilities and services.

The Marvin Group includes five major companies: Marvin Engineering Company, Geotest-Marvin Test Systems, Aerospace Dynamics International, FLYER Defense, and Marvin Land Systems. Through sustained growth, The Marvin Group has consistently been ranked as one of the 100 fastest growing privately-held companies in Southern California. For more information about The Marvin Group, visit www.marvineng.com.

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PICMG

PXi
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SIG

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NDIA

AAI
Airline Avionics Institute