

Specialists in Computer Hardware and Software Testing

NTS is a world leader in assisting organizations to access domestic and international markets. We are a single source for a full range of integrated engineering solutions, product testing, standards compliance, project management staffing solutions and managed services. Globally accredited by leading regulatory agencies, NTS can provide cost-effective programs to meet your requirements at one of our many U.S. or international facilities, or we can provide onsite solutions. NTS is the largest independent standards compliance and product testing company in the U.S.A. serving companies within the aerospace, defense, automotive, telecommunications, electronics, power, medical device, computer, software and financial markets.

NTS Vietnam provides economical test engineering hardware and software testing services including a wide range of Quality Assurance services to the computer industry. An extension of our U.S. based computer testing operations, NTS Vietnam Engineering services range from software and test automation for enterprise environments, to developing and programming test suites to validate software and firmware code. Our breadth of services is second to none. These services include programming, compatibility, functionality, interoperability testing, establishing benchmarks, performance testing, load/stress testing, usability analysis, test plan development, and system integration.



NTS staff conducts multiple diagnostic test programs to major industry standards.

Outsource Engineering

NTS Vietnam can provide highly skilled and seasoned test engineers for technology companies. We provide technical management for test engineering development and testing execution and reporting in Vietnam. We maintain an extensive multimillion-dollar up-to-date hardware and software library that facilitates our ability to verify product and software compatibility, compliance and performance to international standards and user requirements including USB and WHQL certification.



NTS Golden Suite testing includes over 200 USB devices.

Quality Assurance Testing

NTS develops test plans, test methodologies, execution test procedures, and can provide systems configuration and complete test bed setups. NTS test engineers perform customer-specified quality assurance testing projects and provide deliverables including complete test report of all test cases, anomaly report for each defect, regression report for each fix, and a final report summarizing all test results.

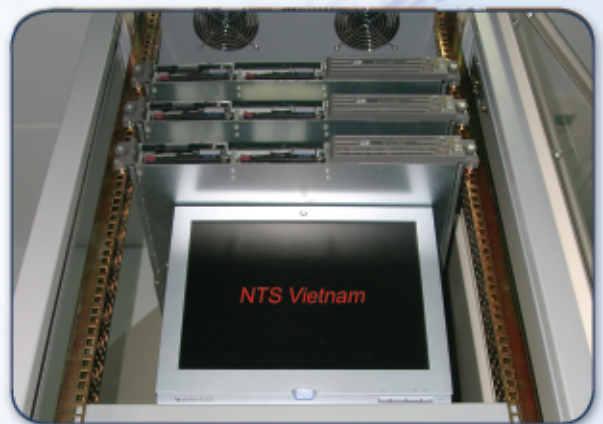


NTS Vietnam is located in Quang Trung Software Park in Ho Chi Minh City.

Highlights and Primary Test Capabilities

Software and Hardware Quality Assurance Testing

- Compatibility – Exercising software or hardware under an array of supported operating systems, additional software applications and supported hardware
- Interoperability – Exercising hardware with a selection of devices to confirm compatibility between products
- Stress/Performance/Load/Scalability – Using either actual users, or virtual users with tools such as LoadRunner, WebLoad, WinRunner, WebFT, TCL, Test Director, Visual Test and Open Source
- Benchmarking – Using internal or 3rd party benchmark tools
- Competitive Analysis – Comparing client's product with competitor's product
- Usability/Look-n-Feel – Provide end user analysis with various user experience, i.e., novice, intermediate, expert
- Functionality – Exercising all of the execution paths, either manually or through automated scripting tools such as WinRunner, Visual Test and WebFT
- Website Testing – Functionality, Browser Compatibility, Load/Stress/Performance using automation tools such as LoadRunner or WebLoad
- Security – Using 3rd party tool and/or test to various security standards, such as, Common Criteria, ICSA and IEEE 802.1x
- Localization – Software Compatibility and Functionality test across 35 languages
- Test Scripting – Develop automated scripts using various test tools, LoadRunner, WebLoad, WinRunner, WebFT, TCL, Test Director, Visual Test, Open Source, C, C++, Delphi, Visual Studio and Visual Basic
- Test Plan/Test Case Development – Develop customized test plan/test case based on client's specification



Detailed test configurations are designed and executed to assure conformity and interchangeability.

Compliance Testing

- USB-IF 2.0 Compliance Testing – high speed, full speed and low speed for silicon, peripheral, and system/hub/host controller
- USB On-The-Go 2.0 Compliance Testing – high-speed, full-speed products
- USB Embedded Host Testing – high-speed, full-speed hosts
- NTS USB Golden Suite Testing – Real-world testing across all USB chipsets using up to 200 USB devices
- Microsoft WHQL Testing – Support for all WHQL product categories



Network testing is routinely accomplished utilizing the NTS computer farm.

NTS Engineering Solutions and ISO Certifications Provided Worldwide

- Aerospace
- Automotive
- Computer
- Defense
- Electronics
- Financial
- Medical
- Power
- Software
- Telecom



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