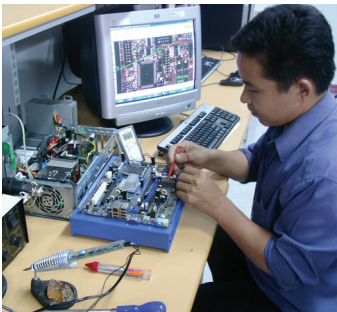


NTS MARKET SPOTLIGHT

# CONSUMER PRODUCTS



Our years of experience can help you successfully complete your certification



Technology, skills, and experience to test all of your technology products



www.nts.com  
800.270.2516  
sales@nts.com

## CERTIFICATION AND COMPLIANCE EXPERTS

NTS works closely with various organizations to develop, manage, and run certification and compliance programs, including USB, WHQL/DTM, ZigBee, MoCA, DIRECTV, SiriusXM Radio, ISA and HealthVault. With the vast number of groups and specifications, it is important that your product function correctly. Let NTS perform compliance testing on your product so you can make sure it's ready for release!

### *Programs include the following:*

#### **USB Testing**

USB Compliance; USB On-The-Go Compliance; USB Embedded Host Compliance; USB Wireless Compliance; and USB 3.0 compliance

#### **Microsoft WHQL/DTM Testing**

Get your hardware product logo'd for Microsoft Windows. We'll perform all the Microsoft approved testing so that you can apply for certification. Support for all WHQL/DTM product categories, debugging, etc.

#### **ISA 100.11a**

NTS has assisted in the development of the ISA 100.11a certification program and we can perform stack and device testing. NTS is the only test lab to offer stack, device, debugging, pre-qualification testing, etc. as authorized by the ISA.

#### **DIRECTV**

NTS is the exclusive test lab to conduct DIRECTV testing so that you can get your product certified. We can assist with the testing, debugging, etc.

#### **Multimedia over Coax Alliance (MoCA)**

NTS is the exclusive test lab for compliance testing so that you can get your product certified. We can assist with self testing, debugging, and core testing.

#### **ZigBee Certification**

NTS has assisted in the development of the ZigBee certification program, and we can perform IEEE 802.15.4 PHY/MAC, ZCP, Module and End Device.

#### **SiriusXM Radio**

NTS is the exclusive test lab to perform SiriusXM approved testing for conformance.

#### **Microsoft HealthVault**

Get your medical product logo'd for Microsoft HealthVault. We can assist with debugging, driver development, etc.

#### **Others**

Universal Plug & Play (UPnP), Digital Living Network Alliance (DLNA), xD Picture Card Connector, as well as many others.

## ABOUT NTS

Since opening our doors in 1961, NTS has become one of the largest commercial test laboratory networks in North America. Our test, inspection and certification services span environmental, dynamics, EMC, wireless, product safety, materials, ballistics and much more. Our client partners in Aerospace, Defense, Telecom and Energy rely on NTS to deliver quality products to market quickly and efficiently, and so can you.

## NTS COMPLIANCE PROGRAMS

In the real world, it's not enough for a product manufacturer to simply prove that it has correctly followed the specifications for a technology.

You don't want to spend all of your time debugging other manufacturers' designs. To address this common concern, NTS has developed several independent compliance programs:

- NTS USB & Wireless USB Golden Suites – Focuses on real-world testing of your USB product with a variety of platforms, chipsets, peripherals and operating systems.
- NTS Automotive Multimedia Player – Compatibility and functionality testing of devices, plus interoperability with flash drives, mini-hard drives and MP3 players.
- NTS Wireless Performance Certification – Competitive analysis testing for Line-of-Site, Non-Line-of-Site for commercial/residential and open-field. Let NTS assist you in verifying that your product works in the real-world!
- NTS Bluetooth Golden Suite - Focuses on real-world testing of your Bluetooth product with a variety of mobile devices and computer platforms



NTS uses the latest technology to verify the compatibility, functionality and compliance of your products

## TRADITIONAL 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 hardware and software to confirm "harmonious coexistence" of the products
- Stress/Performance/Load/Scalability - Using either actual users or virtual users with tools
- Benchmarking - Using internal-developed or third-party benchmark tools
- Competitive Analysis - Comparing client's product with competitor's product
- Functionality - Exercising the various execution paths, either manually or through automated scripting tools such as WinRunner, Visual Test and WebFT
- Automated Test Scripting - Develop automated scripts using various test tools
- Usability/Look-&-Feel - Provide end-user analysis with various user experience
- Security - Test to various security standards such as Common Criteria, ICASA, IEEE 802.1x, etc. using various third-party tools
- Website Testing - Functionality, browser compatibility, load/stress/performance using automation tools such as LoadRunner or WebLoad
- Localization - Software compatibility and functionality test across 35 different languages, such as FIGS, CCJK, etc.
- Test Plan/Test Case Development - Develop customized test plan/test case based on client's specification and/or product documentation

## LET US HELP YOU DEVELOP A CERTIFICATION PROGRAM

If you're a member of a new/existing standards group, contact us to assist your group in setting up, executing, and/or managing a certification/compliance program. NTS works in the development, launch, execution, and management of successful certification and compliance programs. Our experienced test experts can help your group throughout the process, from preliminary review of standards to development of certification procedures and the execution of the certification program, NTS will be there. We execute programs for successful companies and groups. Certification is the best way to insure a standard's adoption.



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