

Specialists in Test Systems Integration

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 nation's largest independent standards compliance and product testing company serving companies within the aerospace, defense, automotive, telecommunications, electronics, power, medical device, computer, software and financial markets.

Real World Solutions

NTS designs and integrates test, measurement, automation, data acquisition and control systems utilizing diverse hardware platforms, operating systems, and instrumentation standards. Our expertise involves projects ranging from LabVIEW™ instrument drivers to full-blown automated turnkey systems. The dedicated staff of electrical and mechanical engineers, project managers and technicians of NTS are well versed in designing, integrating and programming real world solutions for industrial applications for a diverse set of operating systems, languages and standards.

NTS is committed to working with our customers to understand their technical goals and objectives, and then coordinating efforts with their personnel to ensure that the final product meets their requirements.

Diverse Services and Applications

NTS provides organizations in Aerospace, Defense, Automotive, Medical and Biotech, Materials Science, Nuclear, Power and Energy, Oil and Gas, Research and Development, Manufacturing, and Semiconductor with a variety of expert services tailored to meet their unique needs. Services conducted include Requirements Analysis, System Design and Fabrication, Driver Software Development, System Integration and Installation, Training and numerous others. From the development of Anti-Submarine Warfare System Test Platforms, to High Speed, High Channel Count Data Acquisition Systems for Nuclear Weapons Testing, to the development of an In-Vitro Fertilization Workstation for the Biotech/Medical Industry, NTS is able to support a diverse range of clientele with solutions and services to solve their toughest technical challenges.



The Video Scoring System 4000 remotely measures various aspects of the ammunition validation process.



The In-Vehicle Data Acquisition System (IVDAS) was developed specifically to meet automotive proving ground test needs.



The RF Recorder (RFR) combines high-speed RF recording and playback capabilities to allow portable field recordings of RF signals up to 2.7 GHz for up to 6 hours.



Asia • Canada • Europe • United States

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Expertise, Industries Served & Customers

Nuclear

- Weapons Test - Los Alamos National Laboratory, Sandia National Laboratories, Lawrence Livermore National Laboratory
- Reactor - Los Alamos National Laboratory, Sandia National Laboratories, Argonne National Laboratory, Palo Verde Nuclear Power Plant, Thermo Eberline, General Atomics, Boeing, United States Enrichment Corporation
- Monitoring & Verification – Japan Radiation Engineering, Westinghouse/Siemens WIPP Site

Military/Defense

- Avionics & Aircraft Test - Honeywell, L3 Communications, EG&G, Boeing, Goodrich, SBS Technologies, Inc., Ball Aerospace
- Ammunition Test - Alliant Techsystems, General Dynamics
- Rocket Launch & Test – Lockheed Martin, TRW, Raytheon, Talley Defense Systems
- Test Range - White Sands Missile Range, NASA, Datum, Bancomm, Defense Threat Reduction Agency

Automotive

- In-Vehicle Data Acquisition Systems - Ford, Kett Engineering, Paccar
- Production Test - Paccar, Delphi, OEA, Exemplar, Elcom, Freightliner, Kenworth, Peterbilt

Biotech/Medical

- System Automation - Cell Robotics, Inc.
- Production Test - Spacelabs Medical
- Control Systems - Alcor Life Extensions

Semiconductor

- Research and Development – Intel, Motorola
- Production Test - Philips Semiconductor, CTS Wireless Components, Emcore Corporation, Intel

Telecommunications

- Research and Development - Terabeam
- Production Test - Cielo Communications, Inc.

Material Science

- Research and Development - University of New Mexico, Los Alamos National Laboratory, Sandia National Laboratories

Research and Development

- Biosphere 2 Center
- Jet Propulsion Laboratory
- National Institute of Standards and Technology
- DuPont Agricultural Products
- SAIC
- Scientific Engineering Associates
- Stanford Linear Accelerator Center

Power & Energy

- Research and Development - Bonneville Power Administration
- Production Test - Avista Laboratories

Oil & Gas

- Billings & Associates, Inc.
- Profile Technologies, Inc.
- Dresser Rand
- Schlumberger

Manufacturing

- A.O. Smith Water Heaters
- Coors Brewing Company
- Thornwood Furniture Manufacturing
- Lighting Sciences
- General Technology Corporation



NTS is capable of developing custom control systems such as this pump control system designed and fabricated for Schlumberger's slurry pumps.



NTS developed the Test Adapter Test Set (TATS) for L3 Communications in order to provide field maintenance testing of avionics components of a helicopter based Anti-Submarine Warfare System.



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