

# National Technical Systems

## Global Capabilities Overview



UAV Testing in EMI Chamber



Mounted 120mm cannon at Camden meets RS 105 and MIL-STD-461



Seismic (Earthquake) Testing  
3-Bay Rack Holds up to 3,500 lbs

### About NTS

National Technical Systems (NTS) is a diversified engineering services company, providing a wide range of product design consulting services, testing and certifications and supply chain management solutions. Our clients see us as an extension of their own engineering teams, filling in their internal gaps and providing the expertise required to build better, stronger, safer, more reliable products and bring those products to market quickly and efficiently. With the largest network of test laboratories and engineering service centers in North America and over 50 years of experience to draw from, NTS is prepared to meet any challenge. Because helping you achieve your goals is how we achieve ours!

### Integrated Engineering Services

NTS offers a wide range of Engineering Services for complete product lifecycle management. Whether you need design consultation, development support, or assistance with products already deployed in the field, NTS offers a wide range of solutions to meet your needs. We also offer Managed Services for companies and governmental agencies that need to outsource the staffing of their internal engineering resources. At NTS we don't just engineer superior products, we engineer success.

### Testing & Certification

Here at NTS we offer a vast array of testing and certification services for product developers and manufacturers in numerous industries. This is the heritage of our company. It is what we have done for over 50 years and it is how we have built NTS from a single independent testing facility into the largest commercial test laboratory network in North America. Over the years our capabilities have expanded in many different directions to meet the ever-changing needs of our customer base, and the number of NTS locations inside and outside of the USA has also grown as well. Today NTS is widely recognized as the leading independent provider of testing and certification services in numerous industries.

### Supply Chain Management

In addition to our Engineering Services and Testing & Certifications, NTS also offers a wide range of Supply Chain Management services. This exciting new aspect of our business truly enables us to provide end-to-end product lifecycle support for manufacturers in numerous industries. Not only do we support our clients by helping them design superior products that have been rigorously tested and properly certified, but now we can also help ensure that the supply chain that keeps those products moving into the marketplace is also just as effective, efficient and reliable as the products themselves.



**Semi-Anechoic Chamber for Radiated Susceptibility Testing**



**Large Array of Temperature, Altitude and Humidity Testing Chambers**



**www.nts.com | 1.800.270.2516**  
**sales@nts.com**

## Engineering Services

Design Engineering	Systems Engineering	Managed Services
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## Supply Chain Management

Source Inspections	Test Witnessing	Corrective Action
Quality Engineering	Delivery Expediting	Supplier-Funded

## Testing & Certification Services

### Environmental

Acoustic Emissions	Hail Impact	Solar Radiation
Air Contaminants	Humidity	Temperature & Humidity
Altitude	Icing and Freezing Rain	Wind & Rain
Explosive Atmosphere	Immersion	Space Simulation
Flammability	Materials	Sand & Dust
Fluids	Salt/Fog	Fungus

### Dynamics

Acceleration	Fatigue	Reliability
Corrosion	HALT/HASS	Shock
Drop	Hazardous Materials	Vibration
California Seismic Testing	Fuel Tank	Dynamometer
Pressure Impulse	Gravelometer	Ballistics
Insensitive Munitions	Firearm Safety	Thermal Vacuum

### EMC

EMC / EMI	HIRF	Lightning
HERO	ESD Testing	Susceptibility

### Wireless / Radio

Bluetooth	RF Wireless	WLAN/WiFi
DFS Testing	Antenna Patterns	Microwave Communications

### Hardware / Software

Automation Testing	Compatibility Testing	Competitive Analysis
Functionality Testing	Localization Testing	Performance Testing
Usability Testing	Quality Assurance Testing	Website Testing

### Certification Services

CE Marking	Custom Certifications	DLNA Certification
Microsoft WHQL / DTM	Wireless Certifications	IEC/Global
Microsoft Zune	MoCA Certification	Telecom. Cert. Body
UPnP Certification	USB / Wireless USB	USB Golden Suite
Product Safety	XM Ready / Sirius	ZigBee Certification