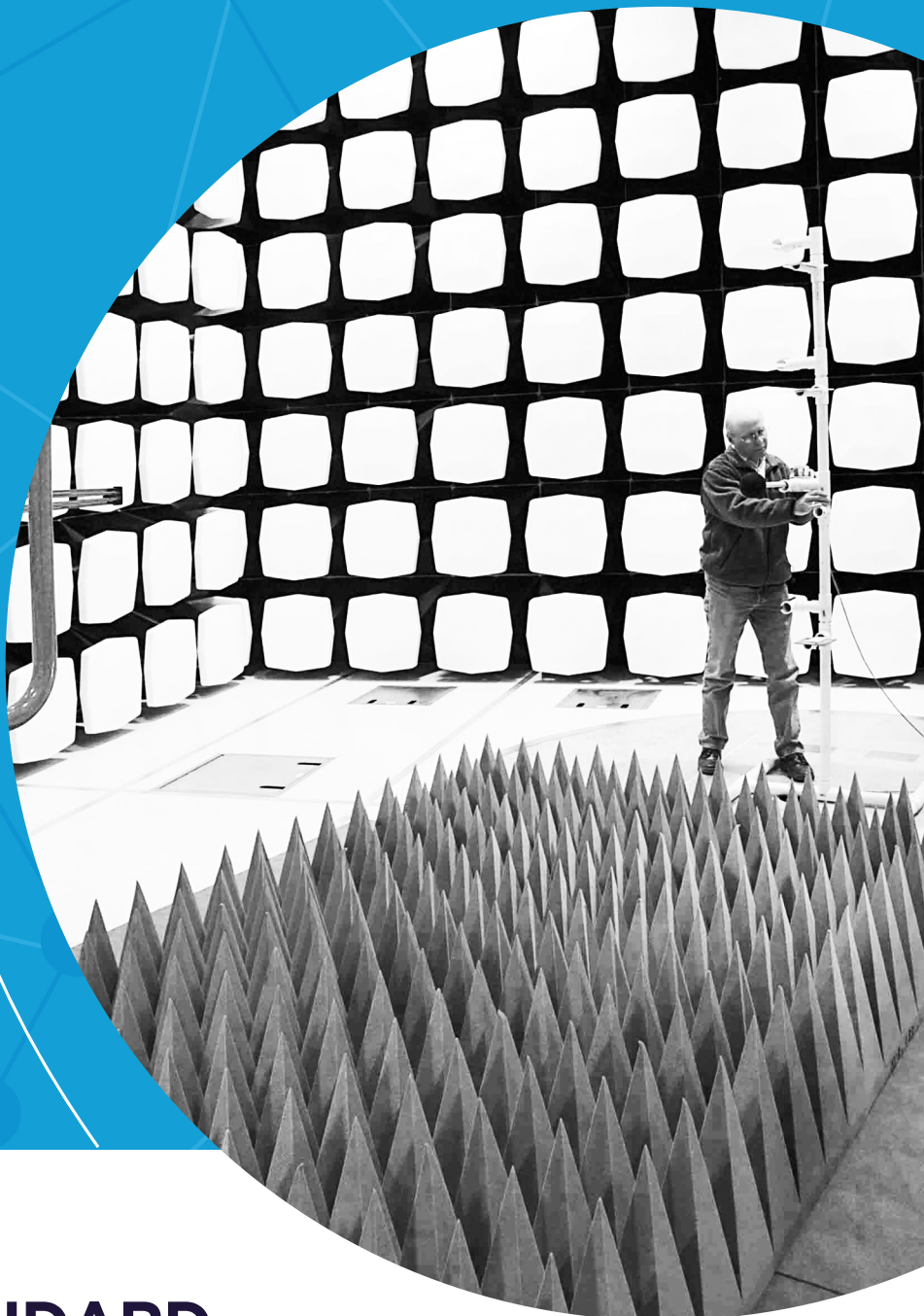


SILICON VALLEY, CA

NTS FACILITY SPOTLIGHT



A HIGHER STANDARD

Inside the Bay Area's Premier Test Lab

ABOUT SILICON VALLEY



Inside Silicon Valley's Massive Drive-In Chamber

A HIGHER STANDARD FOR TESTING

With 28 labs in North America—and unrivalled technical knowledge—NTS is the world's undisputed leader in testing, inspection, and certification. Established in 1961, NTS thought leaders sit on advisory boards, speak at conferences, and author technical papers. As the most trusted testing company in the world, NTS won NASA's prestigious supplier award in 2019. Today, NTS experts are ready to provide you with a higher standard of testing.

SILICON VALLEY'S PREMIER TEST LAB

NTS houses two state-of-the-art labs in the Bay Area (Fremont and Newark). Collectively known as the Silicon Valley lab, the two facilities are a combined 57,000 square feet and offer the most comprehensive set of testing options in the Bay Area. As a CTIA Authorized Testing Laboratory that is internationally accredited to ISO/IEC 17025 by A2LA, the facilities serve a variety of industries, including aerospace, medical, telecommunications, automotive, defense, energy, space, and IoT. Key testing services include the following:

- EMI/EMC
- Environmental
- Dynamics
- Wireless
- NEBS
- Acoustics
- Product Safety
- International Approvals
- Materials

Undisputed Leader in EMI/EMC Testing

By working with the world's top EMI/EMC experts—and adhering to the highest testing standards—the Silicon Valley lab conducts best-in-class testing with state-of-the-art equipment.

- 10-Meter, 5-Meter, 3-Meter Anechoic and Semi-Anechoic Chambers
- 40GHz Radiated Emissions Testing Capabilities
- 24-Hour Testing Capabilities for High Throughput
- RF Immunity, Surge, Electrical Fast Transient (EFT), ESD, Surge, Magnetic Immunity, VDI
- Dedicated Project Managers and Project Engineers

Ensuring Product Safety

As a leader in product safety testing, customers get access to top testing experts to ensure the product will perform as expected in real-world circumstances.

- Strategic Relationships with UL, TUV, and CSA
- In-house Product Safety Lab for Agency-Witnessed Testing Programs
- Preliminary Construction Review and Testing Services
- CE Certification Reports

Wireless

As an FCC-certified Telecommunications Certification Body, NTS Silicon Valley offers a wide range of wireless services, including the following:

- RF Regulatory Testing and Approvals for Domestic and International Wireless Requirements
- Dynamic Frequency Selection (DFS) Testing
- FCC-Designated Telecommunications Certification Body
- Wi-Fi, RFID, Bluetooth, ZigBee, and Other Wireless Capabilities
- CTIA Authorized Test Laboratory for Over-the-Air (OTA) Performance Testing from 600MHz to 6GHz

NEBS Testing

With a Verizon ITL approved facility in Silicon Valley, NTS provides a local option for certifying telecommunications products to network equipment building systems requirements (NEBS) and international standards.

- Verizon-Certified Independent Test Lab
- NEBS Test Report Templates to Meet RBOC Requirements
- Telcordia Telecom Related GR-XX-CORE Testing
- One-Stop Shop for All NEBS Requirements

Extreme Environmental Simulations

NTS can simulate any condition on earth—and beyond. At the Silicon Valley lab, customers get access to a variety of equipment and capabilities, including the following.

- Temperature/Humidity Chambers from 2' x 2' x 2' to 18' x 12' x 12' Walk-in Chambers
- Temperature/Altitude to 80,000 Feet
- Temperature/Humidity/Altitude to 65,000 Feet
- Fire Resistance, Thermal Shock, Acoustic Noise
- Corrosion, Salt fog, Hygroscopic Dust, Mixed Flow Gas

Dynamics

In Silicon Valley, customers get access to best-in-class dynamic testing services, which include seismic simulations, electrodynamic shakers, acceleration testing, and more.

- Electrodynamic Shaker Systems with 2" Stroke, 9,000-18,000 Force Pounds, 5Hz-2,000Hz, Mechanical Shock
- Seismic System with 10.5" Stroke, 15,000 Force Pounds, 0.6Hz-500Hz
- Seismic Testing to GR 63-CORE Zones 1-4
- 19 Channels Response, Data Acquisition, and Analysis
- Static and Dynamic Loads
- Sustained Acceleration Testing up to 37Gs, 36" Radius

International Approvals for Global Market Access

Accelerate access to international markets without delays or unnecessary costs. International approval services include the following.

- A single-point-of-contact for 180 countries
- In-country testing and approvals
- Globally recognized test reports
- In-country representation
- Compliance strategy for faster certifications



CONNECT WITH AN EXPERT

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EMI/EMC LABS
IN NORTH AMERICA



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A HIGHER
STANDARD

TESTING | INSPECTION | CERTIFICATION