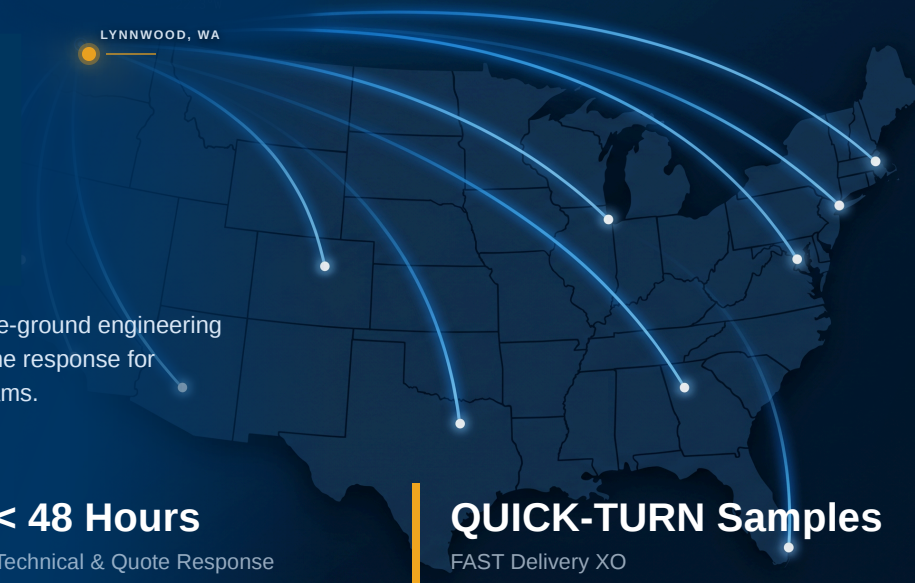


NORTH AMERICA ENGINEERING SERVICE CENTER

One Hub. Coast-to-Coast Service.

NAESC — based in Lynnwood, WA — delivers on-the-ground engineering support, U.S.-based production and test, and real-time response for defense, aerospace, and critical infrastructure programs.



47.8°N · 122.3°W

U.S. Production, Test, & Engineering Hub

< 48 Hours

Technical & Quote Response

QUICK-TURN Samples

FAST Delivery XO

COAST-TO-COAST

When a supplier discontinues a critical part, geopolitical risk interrupts your supply chain, or technical support slows to a crawl — your program shouldn't stall. **NAESC provides end-to-end local support from design validation through volume production**, with engineers on the ground in your time zone.

Four Pillars of Local Engineering Support

Full details · taitien.com

1 Engineering Excellence

- **Design Validation** · Expert review to optimize frequency stability and signal integrity
- **Precision Product Matching** · Identify the ideal Frequency Control Product (FCP) for your application
- **Custom Development** · On-site engineering support for tailored designs and characterization

2 U.S. Production and Test

- **Secure Supply Chain** · Trusted North American sourcing for sensitive applications
- **FAST Delivery XO Series** · Configurable oscillators with fast, -quick-turn- delivery

3 Efficient Logistics

- **Regional Distribution Hub** · Streamlined shipping across North America
- **Buffer Stocking** · Local inventory to reduce lead times and supply variability

4 Lifecycle Assurance

- **Long-Term Support** · Product availability for multi-year and infrastructure programs
- **Drop-In Replacement** · Form-fit-function solutions to avoid costly redesigns
- **Sales Contract & U.S. Stock** · Negotiated supply agreements with dedicated inventory held at the North American hub

PRIMARY MARKETS SERVED

- Defense & Radar Systems**
EW · Secure Comms
- Satellite & Space**
LEO · Ground Station
- GNSS & PNT**
Holdover · Precision Timing
- UAV Systems**
Vibration-Resistant TCXO
- Critical Infrastructure**
Grid · 5G · CBTC

Ready to Accelerate Your Program?

Technical consultation, spec review, or RFQ.

EMAIL NAESC@taitien.com

TEL +1-425-776-1880 (ext 3)

— LOCAL ENGINEERING SERVICES · LYNNWOOD, WA

Engineering Capabilities at Depth.

Beyond product selection, NAESC delivers full-stack engineering services — from pre-sales technical consultation and custom TCXO development through in-house PCB assembly, advanced screening, and quick-turn production. Every capability is staffed locally to keep your program on schedule.

01 / CUSTOMER-FACING ENGINEERING

Design & Application Engineering



FAE & AE Support

Expert troubleshooting for frequency drift, phase noise, EMI, and jitter issues.

Engineering Collaboration

High-touch partnership for complex accounts and specialized frequency control requirements.

Design-in Assistance

Comprehensive application engineering — part selection, cross-referencing, and performance comparisons.

U.S.-Based Technical Support

Real-time assistance within U.S. time zones for rapid problem-solving.

02 / CUSTOM & SPECIALIZED PRODUCTION

Custom Engineering & Advanced Screening



Application-Specific TCXOs

Development of high-stability, application-driven temperature-compensated crystal oscillators.

Custom Screening & Test

Proprietary test automation and custom screening protocols for rigorous defense and industrial standards.

Advanced Characterization

In-house phase noise and temperature characterization across extreme operating conditions.

High-Mix, Low-Volume Agility

Responsive engineering and manufacturing for niche or specialized production runs.

03 / INTERNAL DEVELOPMENT & MANUFACTURING

Internal Development & Manufacturing Infrastructure



End-to-End Product Development

Complete internal capabilities, including PCB layout and assembly.

Legacy Solutions

Form-fit-function expertise to provide continuity for long-lifecycle and legacy programs (DIP support).

Custom Tooling

In-house machining, fixturing, and development of internal/customer test boards.

Scalable Automation

Modernized, programmable platforms designed for quick-turn support and automated production scaling.

— CAPABILITIES MAP TO THE FOUR PILLARS

From spec review to volume delivery — one local team.

ENGINEERING · PRODUCTION & TEST · LOGISTICS · LIFECYCLE

01 · 02 · 03 · 04

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