

GLOBAL TECHNICAL CENTER

SAGINAW, MICHIGAN, USA

Our In-House Ownership of R&D, Design, Testing, Validation & Manufacturing Provides Customers with Agility, Responsiveness, Quality & Value



QUICK FACTS

Location: Saginaw, Michigan, USA

Engineering Services:

- Software
- Electrical
- Mechanical
- Manufacturing

Focus Areas:

- Portfolio Vision
- Product and Process Architecture Strategy
- Advance Core Product Technology
- Software Development and R&D Innovation



GTC CAPABILITIES



Test Track

On-site track for test drives with a ride & handling loop, a north/south straight-away, multiple road surfaces and more



State-of-the-Art Prototype Facilities

Flexible build-cell architecture that enables quick response to customer needs – including machining, heat treating, plastic injection capabilities and more



State-of-the-Art NVH Facility

Full vehicle semi-anechoic chamber, several component level semi-anechoic chambers and full steering system or component level noise testing



EMI & Validation Facilities

EMI/EMC Testing Laboratory and Field Data Replication Validation include proprietary methodologies to translate real-world testing into test bench simulation



Virtual Engineering

Applications such as Remote Machine Approval that manage processes where a physical presence was previously thought necessary – improves efficiency, effectiveness and safety

OUR IN-HOUSE BUILDING BLOCKS FOR ADVANCED SAFETY & PERFORMANCE FEATURES

Nexteer's in-house capabilities enable us to meet the growing demand for an increasingly electrified, automated and connected future.

MOTOR DESIGN

POWER ELECTRONICS

SENSOR DESIGN

SOFTWARE ALGORITHMS

SYSTEMS ENGINEERING

CYBER SECURITY

CLOSED LOOP SERVO CONTROL

SAFETY-CRITICAL PRODUCT DEVELOPMENT

VEHICLE-LEVEL INTEGRATION EXPERTS: SOFTWARE, ELECTRICAL & MECHANICAL

Visit Nexteer.com/about for more info.



nexteer
AUTOMOTIVE

a leader in intuitive motion control