

# ASIA PACIFIC TECHNICAL CENTER SUZHOU & CHANGSHU, CHINA

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



## QUICK FACTS

### Engineering Capabilities:

- Software
- Electrical
- Mechanical
- Manufacturing

### APAC Focus Areas:

- Applications Engineering
- Software Applications
- Systems Engineering
- Validation & NVH Testing
- Vehicle Integration & Testing
- Customer Service Center for COEMs

### Global Focus Areas:

- Column-Assist EPS Homeroom
- Driveline Product & Process Architecture Strategy
- Advanced Driveline Product Technology
- Software Development



## APTC HIGHLIGHTS



### Test Track

On-site test track with multiple road surfaces



### State-of-the-Art Prototype Facilities

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



### State-of-the-Art NVH Facility

Several component level semi-anechoic chambers, full steering system and component-level noise testing



### Validation Facilities

Field data validation includes proprietary methodologies to translate real-world testing into test bench simulation



### Virtual Engineering

Capabilities that improve efficiency and effectiveness in all phases of product design, development, validation and manufacturing

## 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

CYBERSECURITY

CLOSED LOOP SERVO CONTROL

SAFETY-CRITICAL PRODUCT DEVELOPMENT

**VEHICLE-LEVEL INTEGRATION EXPERTS: SOFTWARE, ELECTRICAL & MECHANICAL**

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AUTOMOTIVE

a leader in intuitive motion control