



**AUTOMOTIVE MEGATREND**

# SHARED MOBILITY



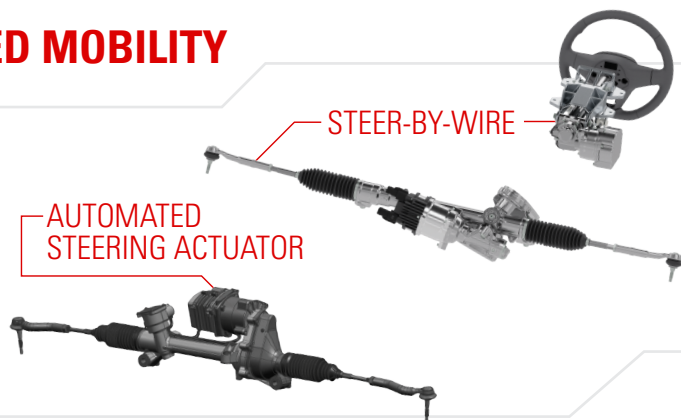
Re-defining How People & Goods Get Where They Need To Go

**Nexteer's advanced motion control solutions enable built-in safety redundancies and higher durability to support autonomous people movers, last mile delivery vehicles and more.**

## NEXTEER TECHNOLOGIES FOR SHARED MOBILITY

### STEERING

- Steer-by-Wire (SbW)
- Automated Steering Actuator
- High Availability Electric Power Steering (EPS)



### DRIVELINE

- Advanced Halfshaft Technologies

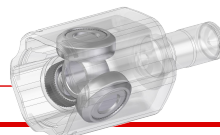


LOW MASS HALFSHAFTS



HIGH EFFICIENCY JOINTS

PREMIUM TRIGLIDE JOINTS



## MOTION CONTROL SOLUTIONS FOR SHARED MOBILITY CHALLENGES



### Higher Levels of Safety Redundancy

Extra safety layers are especially important in shared mobility applications without a human driver. Nexteer's SbW and High Availability EPS systems enable safety-critical steering redundancy through simultaneous, multi-path processing software and dual hardware components.



### Durability & NVH Requirements

Shared mobility vehicles often run many more hours than typical personal vehicle run times – making durability critical. Our advanced Halfshaft technologies are ideal for heavily driven, shared mobility vehicles because of their increased durability, efficiency and NVH performance. They provide a smooth ride, while limiting disturbances for drivers and passengers.



### Convergence of Share Mobility, Electrification, Connectivity & Autonomy

Shared mobility is closely connected with other trends like Automated Driving, Connectivity and Electrification – such as with people movers and geo-fenced last mile delivery vehicles. Our Automated Steering Actuator and advanced software offers a single steering solution that solves challenges for shared, autonomous and electric people mover vehicles – including those without a steering wheel or driver. It enables higher vehicle speeds, higher steering loads and higher safety and durability requirements.

Visit [Nexteer.com/sharedmobility](http://Nexteer.com/sharedmobility) for more details.



[Shared Mobility blog posts](#)

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a leader in intuitive motion control