



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.

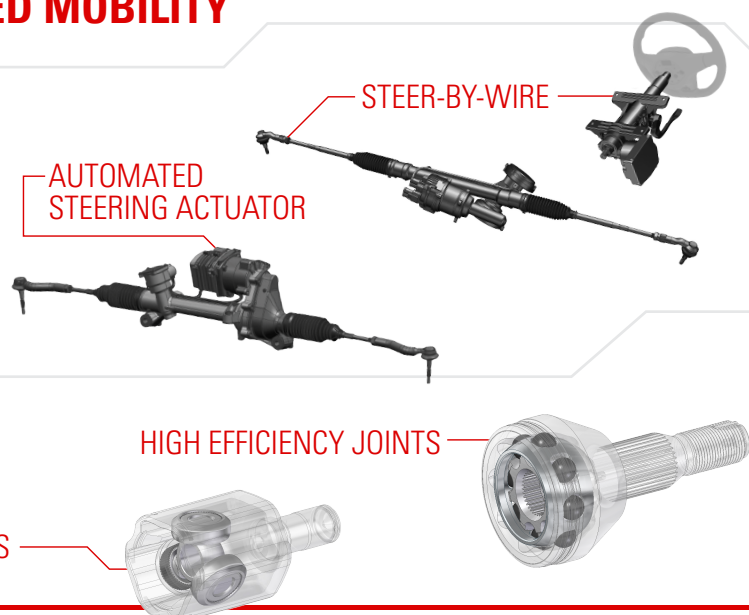
NEXTEER TECHNOLOGIES FOR SHARED MOBILITY

STEERING

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

DRIVELINE

- Advanced Halfshaft Technologies



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 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.



Integrated Motion Control

Through our CNXMotion JV with Continental, we're working on shared mobility applications that integrate steering and braking for advanced, chassis motion control solutions.

Visit [Nexteer.com/sharedmobility](https://www.nexteer.com/sharedmobility) for more details.



[Shared Mobility blog posts](#)

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a leader in intuitive motion control