



AUTOMOTIVE MEGATREND

ADAS & AUTOMATED DRIVING

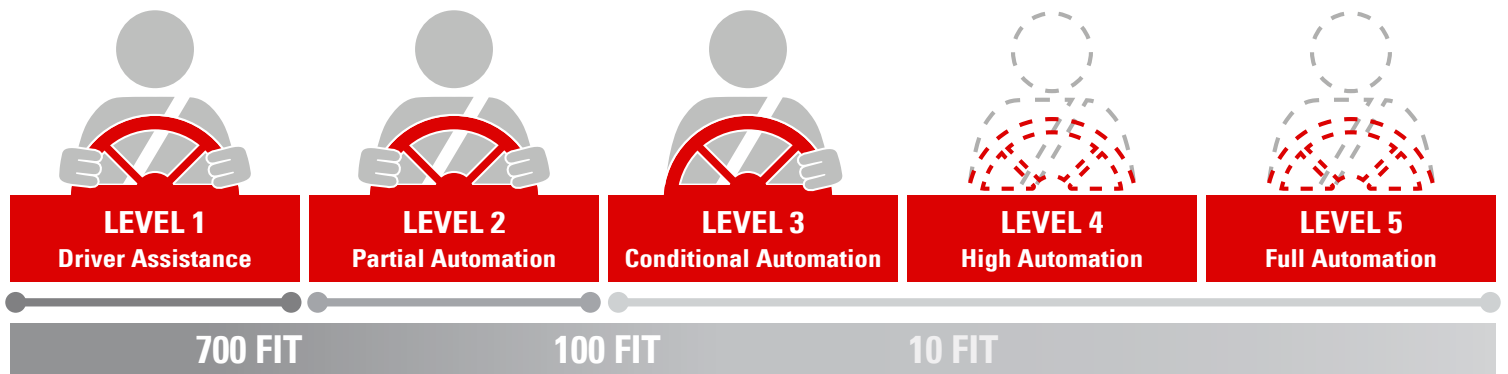


Advancing Safety & Performance for All Driving Levels

Assisted and autonomous driving require high levels of redundancy – and Nexteer’s motion control solutions ensure the steering safety net is always on. Our advanced technologies also open the door for new and exciting performance and convenience features.

NEXTEER TECHNOLOGIES FOR ALL LEVELS OF ADAS & AUTOMATED DRIVING

- High Output Electric Power Steering (EPS)
- High Availability EPS
- Steer-by-Wire
- Stowable Steering Column
- Steering Software
- Steer-by-Brake



FIT: A Statistical Measure of Product Reliability. Lower FIT Scores Indicate Higher Product Reliability.

MOTION CONTROL SOLUTIONS FOR ADAS & AUTOMATED DRIVING CHALLENGES



Higher Levels of Safety Redundancy

Across all ADAS levels, Nexteer’s EPS is a key enabler of driver assist features that increase safety via lane-keeping, park-assist, trailer-assist, wind compensation and more.

As a “next generation” of our EPS technology, our Steer-by-Wire further enables greater levels of safety and performance for all driving scenarios – whether the driver is in or out of the loop. SbW can enhance stability control, shorten braking distances and enable Quiet Wheel™ Steering which allows the steering wheel to stow and remain still during directional changes. SbW is also a preferred enabler for Automatic Emergency Steering – a game-changing safety feature.

Nexteer’s SbW and High Availability EPS systems achieve safety-critical steering redundancy and low FIT rates through simultaneous, multi-path processing software and dual hardware components.



New Performance & Convenience Features

Nexteer’s Stowable Steering Column increases convenience by allowing the steering wheel to be retracted into the dash and away from the driver. This opens a new world of cockpit design options and changes how drivers can use their vehicles when parked or in fully autonomous mode.

Visit Nexteer.com/adas for more details.

 [ADAS blog posts](#)

nexteer
AUTOMOTIVE

a leader in intuitive motion control