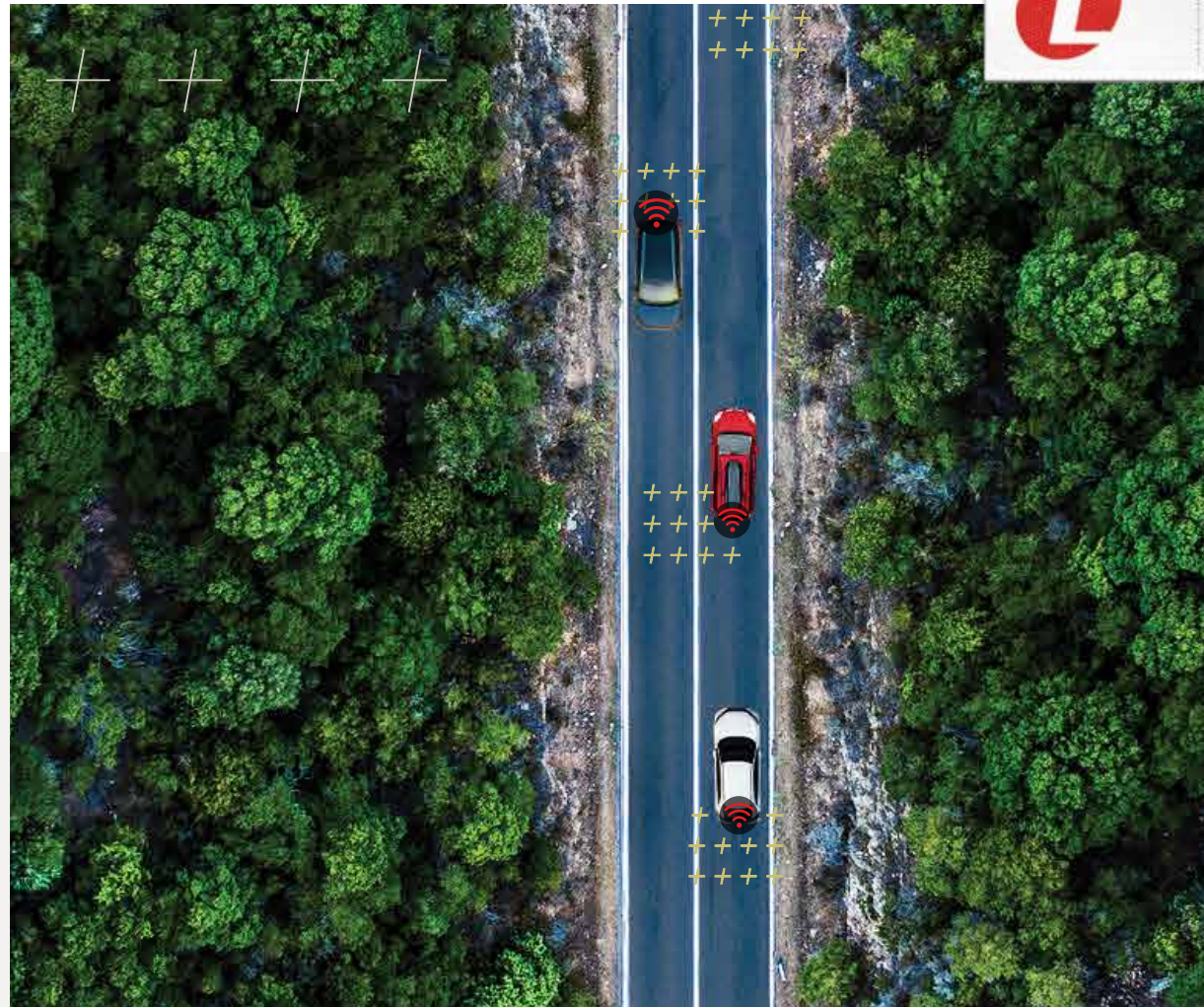


Connecting the future of 5G...are you ready?

Lear's connectivity capabilities enable advanced driving solutions today.

In anticipation of the changing connectivity landscape, Lear's first-to-market fully connected and integrated Telecommunications Unit (TCU) processes data coming in and outside the vehicle. Complete with next generation 5G, V2X, Bluetooth, Wi-Fi, and Global Navigation Satellite System, creating an advanced technology package ready for tomorrow's vehicle architectures and in-vehicle experiences.



A market ready scalable, flexible solution



Technical Benefits

Our production intent prototype supports the next-generation of wireless connectivity technologies including 5G, V2X, Wi-Fi, Bluetooth, SDARS, and global high precision positioning.

- 5G release 15 NAD pin-to-pin compatible 5G release 16
- In-house V2X technology supporting DSRC or C-V2X in all regions with ASIL B option
- Global in-house high precision positioning supporting up to decimeter level accuracy with ASIL B option
- Fully integrated antennas eliminating need for separate shark fin or distributed antenna architecture
- Advanced cybersecurity features enabling dynamic firewall and cloud-based vulnerability management

Vehicle Centered Design

Lear's conformal antenna solution enables a completely flat roof, improved aesthetics, and better fuel economy while providing comparable performance to a standard shark fin solution.

- Improved performance
- Simplified installation
- Reduced system cost
- Streamlined vehicle aesthetic



Complete In-house
TCU Capabilities

CONNECTED

EFFICIENT

COMPACT