

# Magna partners with Telia and Ericsson for 5G innovation in ADAS technology

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## **Magna will have access to 5G mmWave technology with low-latency gigabit speeds**

Magna has joined NorthStar-Telia Sweden and Ericsson's 5G innovation program, it said in a press release on Dec. 4. Telia and Ericsson have built a dedicated, private 5G network at Magna's test track in Vårgårda, Sweden, where new advanced driver assistance systems (ADAS) solutions in vehicle-to-vehicle (V2V) and vehicle-to-everything (V2X) connectivity are being trialed.



*Source: Getty Images*

As part of NorthStar, Magna will have access to 5G millimeter wave (mmWave) technology with low-latency gigabit speeds for the ongoing research into joint sensing and communication systems.

Magna's test track will feature the 5G network using the 26-GHz frequency band and 400-MHz bandwidth, which are required for real-time data from vehicle sensors. Magna's ADAS technology supports driver safety by reducing the risk of serious accidents or preventing them by controlling steering, brakes and acceleration.

“As an industry leader in ADAS technologies, Magna is exactly the kind of company we envisioned joining us when we started the NorthStar program. The solutions they develop are based on the premise that vehicles and road users can share data in near real-time. To achieve that requires ultra-fast and reliable connectivity that you can trust, and that is precisely what 5G has been developed for. This is a great opportunity to really push the boundaries of 5G and the millimeter wave technology,” said Magnus Leonhardt, head of Innovation and Strategy at Telia Sweden's Enterprise Business unit.

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