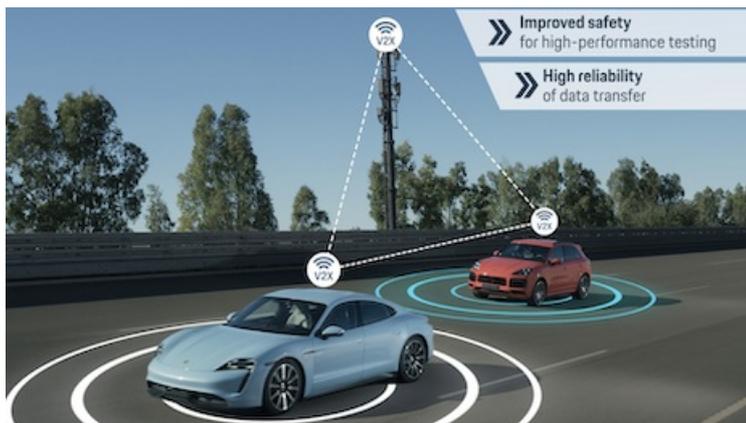


AUTOMOTIVE

Porsche's 5G MPN first in Europe, using intelligent vehicular communication at Nard Technical Center

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Porsche advances intelligent vehicle work at the Nard Technical Center. Image credit: Porsche

By LUXURY DAILY NEWS SERVICE

German automaker Porsche's consultancy subsidiary has created the first European 5G mobile private network (MPN) hybrid at its Nard Technical Center in Italy, with Vodafone Business capabilities.

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Porsche Engineering Group GmbH's project advances the brand's work to create smart cars that are connected to other vehicles, an ongoing effort housed by the brand's Puglia Center. Now, consumers can access the resulting connectivity for instantaneous communication.

"At our proving ground in Nard, we are committed to constantly push technologies to the next level so our customers can successfully meet the increasing demands of future mobility," said Peter Schfer, CEO of Porsche Engineering and chairman of the shareholder committee of the [Nard Technical Center](#), in a statement.

"With the new 5G network, NTC offers its customers now an even better infrastructure to develop and test intelligent, autonomous and connected vehicles."

Driving the future

The new network will allow vehicles to interact with one another, improving the driving experience and safety of all.

The intelligent vehicles will transmit information such as traffic blocks and landscape details. Thanks to the strong network, 5G and 4G coverage is available on more than 700 hectares within the Apulian area.

Porsche has also ensured consumers that lags will decrease, bandwidth will increase and security and speed will improve.

This advancement will also be a springboard for future projects, such as high-tech operations and automated driving vehicles.

"5G mobile private networks can act as a springboard for companies by enabling them to evolve the way they do

business," said Vinod Kumar, CEO of Vodafone Business, in a statement.

"In Nard, MPN technology enables a facility that resembles an actual smart city, with coverage that is seamless on and off campus for the next generation of applications that will transform transportation and mobility," he said.

"We're excited to help the team in Nard to plan for the future and unlock the business potential with some of our latest technologies."

The Nard Technical Center has been managed by **Porsche** for a decade, crafting futuristic vehicles with smart technology. It developed nine different headquarters for the network's connection, using a "fiber optic backbone" for linkage, safety and high frequency reception.

The local residents are also set to have the public access available with the private connection being used locally. Locals will gain 5G coverage, and users of the network will benefit from the private perks such as security and inter-vehicle communication.

The center also made available even more expansive connectivity with its 1 Gbit/s, opening the cloud up for further communication between networks and data.

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