

Delphi Partners with Innoviz to Provide Lidar Solutions for Autonomous Vehicles



Delphi Automotive has announced it has signed a commercial partnership agreement with Innoviz Technologies, a leading Israel-based company developing Lidar technology for the mass commercialisation of autonomous vehicles. Innoviz's proprietary Lidar sensing solutions will be integrated into Delphi's systems to provide car makers with a comprehensive portfolio of autonomous driving technologies.

Innoviz Lidar technology utilises a solid-state design to provide longer-range scanning performance and superior object detection and accuracy capabilities. Long-range Lidar is critical for enabling Level 3 and Level 4 autonomous vehicles to travel at high speeds, as these vehicles will need to identify objects at far distances and in great detail in order to operate safely.

Intelligent sensing solution

Along with radar and vision technology, Lidar is an essential component to Delphi's automated driving perception suite, said Glen De Vos, Delphi Automotive senior vice president and chief technology officer. Innoviz is developing a product that provides a high-performance intelligent sensing solution to help advance automated driving technology.

Delphi shares the vision for making vehicles smarter and safer, said Omer Keilaf, co-founder and CEO of Innoviz. By challenging the conventions of Lidar design, it is possible to develop a Lidar solution that delivers superior performance at a reasonable price and in a much smaller footprint – three factors that are required to help autonomous driving achieve mass commercialisation.

To further support the commercial partnership, Delphi has also made a minority investment in Innoviz.

Read also [this article](#) on the impressive contribution of geomatics to autonomous driving.

About Delphi

[Delphi Automotive](#) is a high-technology company that integrates safer, greener and more connected solutions for the automotive and transportation sectors. Headquartered in Gillingham, U.K., Delphi operates technical centers, manufacturing sites and customer support services in 46 countries.

About Innoviz Technologies

[Innoviz](#), headquartered in Israel, develops cutting-edge Lidar remote sensing solutions to enable the mass commercialisation of autonomous vehicles. The company's Lidar products, InnovizOne and InnovizPro, offer solid-state design that uses proprietary technology to deliver superior performance at the cost and size required for mass market adoption.