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Jaguar Land Rover takes Cohda off-road

British brand Jaguar Land Rover has used Cohda Wireless connected vehicle systems in a pioneering research project to enable future autonomous cars to drive over any surface or terrain.

Jaguar Land Rover's multi-million pound Autonomous all-terrain driving research project envisages a self-driving car that can navigate both on-road and off-road as well as in difficult weather conditions.

The project has used Cohda Wireless MK5 On-Board Units and software stacks and applications to deploy its V2X (vehicle-to-vehicle and vehicle-to-infrastructure) systems.

In a world-first off-road demonstration, Jaguar Land Rover connected two Range Rover Sports together using Dedicated Short Range Communications (DSRC) technology from Cohda Wireless to create an Off-Road Connected Convoy. The company has published this video at <https://youtu.be/gfbHjf2qeJE> to show these off-road connected convoy research vehicles communicating with each other using Cohda MK5 units.

The Cohda-enabled wireless vehicle-to-vehicle communications system instantly shares information such as vehicle location, wheel-slip, changes to suspension height and wheel articulation, as well as All-Terrain Progress Control and Terrain Response settings between the two vehicles.

Cohda Wireless CEO Paul Gray said the Jaguar Land Rover demonstration showed the wide range of benefits of connected vehicle technology. "Cohda has a suite of V2X products focused on the platooning of autonomous vehicles," he said.

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About Cohda Wireless

Cohda Wireless is the leading equipment vendor in the V2X market. The Australian company manufactures systems with acknowledged best-in-world performance. Cohda's hardware and software products are used in more than 65 per cent of all V2X field trials worldwide today. Customers include many carmakers, tier one suppliers, automotive chipmakers, road authorities and new market entrants. Cohda's products are already widely used in many countries like USA, Europe, Australia, Japan, Africa, Middle East, China, Singapore, Taiwan, and Korea. For more information, visit www.cohdawireless.com.