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Cohda chosen for new US connected car trial

Global connected car leader Cohda Wireless will supply its equipment for a trial that lays the groundwork for the expected mandating of connected vehicle technology in the US within four years.

South Carolina-based Clemson University has chosen Cohda to supply its MK5 onboard and roadside unit hardware and software for the project supported by US Ignite, a White House initiative that is run by the National Science Foundation (NSF).

Clemson will use Cohda Wireless units for the South Carolina Connected Vehicle Testbed (SC-CVT), located along a 16-kilometre (10-mile) segment of Interstate I-85 near Clemson's International Center for Automotive Research (ICAR) campus in Greenville South Carolina.

Cohda Wireless http://www.cohdawireless.com/ is a world leader in Connected Vehicle technology, also known V2X (vehicle to everything), which enables connected cars to interact vehicle-to-vehicle (V2V) or vehicle-to-infrastructure (V2I). Cohda's hardware and software products are used in more than 60 per cent of all V2X field trials worldwide today.

Clemson University School of Computing Associate Professor Jim Martin said Cohda's technology was chosen primarily for two reasons. "Firstly Cohda's MK5 onboard unit and roadside unit performed well in validation tests and, secondly, because the support provided by Cohda to help us get our equipment up and running was outstanding," he said.

Cohda Wireless CEO Paul Gray said inclusion on this US Ignite-backed project provided valuable recognition of Cohda's role in the global industry. "This further extends Cohda's leading position as a provider of innovative Connected Vehicle technology," he said.

When establishing the SC-CVT project, the NSF stated that by the end of the decade, the US Department of Transportation would likely require all new vehicles to be Connected Vehicles (CV), capable of communicating with other vehicles and roadside infrastructure through wireless communications in order to reduce the number of crashes and save lives.

Crash avoidance applications supported by V2V and V2I connectivity exchange safety-critical information such as speed, location and direction of movement to assess the crash risk based on the proximity of vehicles.

The National Science Foundation is an independent federal agency that supports fundamental research and education across all fields of science and engineering.

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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 60 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 used in the USA, Europe, Australia, Japan, China, and Korea. For more information, visit www.cohdawireless.com.