

ITS-G5 is ready to roll

Saving Lives Through Communications

The goal of Cooperative Intelligent Transport Systems (C-ITS) is to improve road safety and traffic efficiency, as well as lessen the environmental impact of road transport. The cooperative element is that every vehicle must be able to ad-hoc and directly communicate with any other vehicle or roadside unit – regardless of brand or country.

As leading European manufacturers of intelligent transport solutions, we globally work on the introduction of C-ITS. We support the implementation of C-ITS in an interoperable manner, as stated in the 'Declaration of Amsterdam', the C-ITS Strategy and the 5G Action Plan.

Selecting The Right Framework

We urge policy makers to consider the following during C-ITS discussions:

- ITS-G5 is a broadcast technology based on an evolution of the wireless standard 802.11p. It is the only validated and available technology on the market and capable of delivering secure ad-hoc direct vehicle-to-vehicle and/or vehicle-to-infrastructure communication.
- ITS-G5 is running in the designated 5.9 GHz frequency band that is foreseen for road safety. We emphasize that all technologies that run in this frequency band should not cause interference with each other and be interoperable.
- C-ITS should be able to demonstrate its capability to co-exist with electronic road charging, the enforcement of drive and rest times and weights and dimensions on the adjacent 5.8 GHz frequency band.

We call upon European regulators to set the right framework conditions for swift deployment of C-ITS. This will contribute to road safety in the EU and allow Europe to be at the forefront of cooperative, connected and automated mobility.



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