

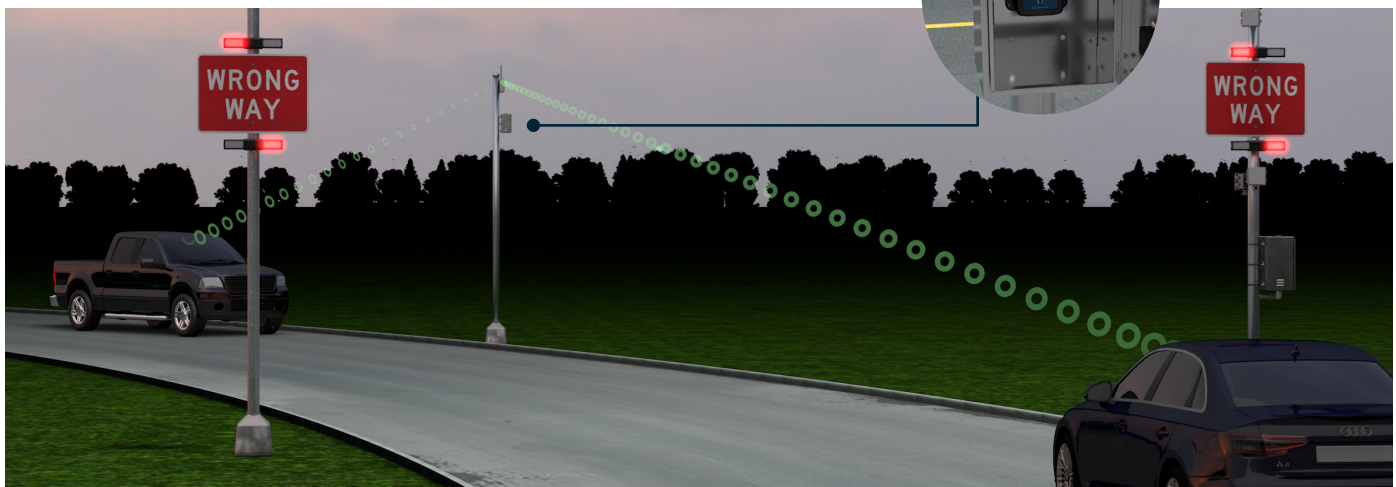
CONNECTED VEHICLE INTERFACE

Wrong-Way Alert Enhancement

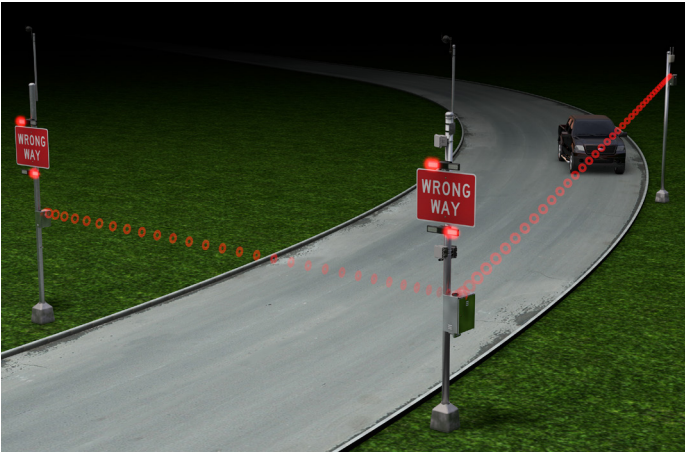
FEATURES AND BENEFITS

Add another layer of safety to your wrong-way solution with the Connected Vehicle Interface (CVI) - an Ethernet interface for TAPCO Wrong-Way Warning Alert Systems to connect with and communicate information to connected vehicle infrastructure, such as typical Road Side Units (RSU).

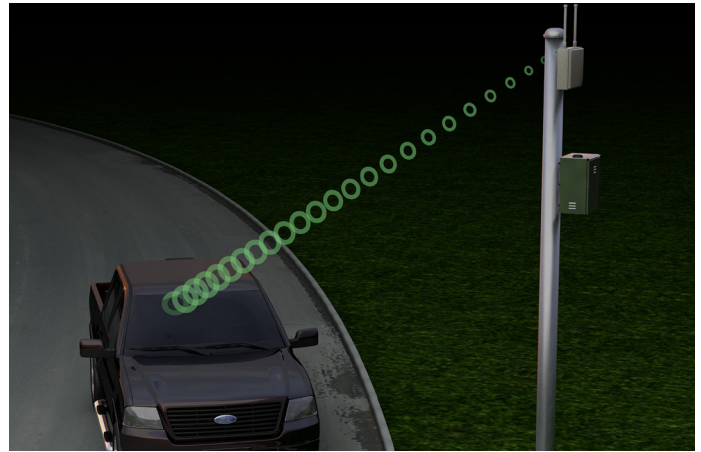
- Upon system activation, connected vehicle On-Board Units (OBUs) receive alert messages and communicate warnings on in-vehicle displays.
- Compatible with Dedicated Short-Range Communication (DSRC), or Cellular V2X (C-V2X) RSUs.
- Connects with Advanced Traffic Management Systems to provide traffic managers with actionable system data.
- Onboard web interface and Application Programming Interface (API) to access and configure device.



TAPCO CONNECTED VEHICLE INTERFACE: STEP-BY-STEP FUNCTIONALITY



1 Installed within cabinets on nearby poles, Connected Vehicle Interface units communicate with new and existing AC and solar-powered TAPCO Wrong-Way Alert System.



2 Upon system activation, communication is relayed from the Connected Vehicle Interface unit to the RSU, which transmits data to both wrong-way connected and right-way connected vehicles within range.



3 In-vehicle alerts provide wrong-way and right-way drivers with instant notifications through connected vehicle dashboards, rear view mirrors and mobile devices.



4 The Connected Vehicle Interface and RSU transfers system data through integration with local Advanced Traffic Management Systems to provide traffic officials with actionable reporting.

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