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 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.
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, rearview mirrors and mobile devices.

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