

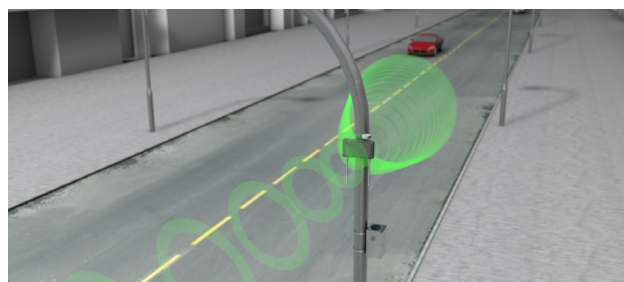
CONNECTED VEHICLE INTERFACE

Connecting Intelligent Warning Systems to Smart City Infrastructure

Connected Vehicle Interface units communicate with commonly installed Road Side Units (RSU) to relay system activation data via Dedicated Short-Range Communication (DSRC), 4G or 5G networks to connected vehicles, providing drivers with instant in-vehicle alerts.



- 1 Installed within cabinets on nearby poles, Connected Vehicle Interface units communicate with new and existing AC and solar-powered TAPCO Intelligent Warning Systems.



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



- 3 In-vehicle alerts provide 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.