

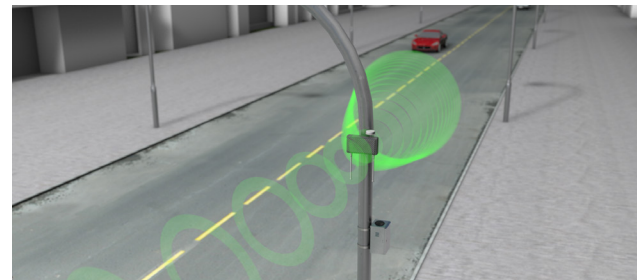
# CONNECTED VEHICLE INTERFACE

## 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.