The 5G Automotive Association (5GAA), BMW Group, Ford, Groupe PSA, Qualcomm Technologies, Inc. and Savari demonstrated today C-V2X readiness for deployment as early as 2020. C-V2X direct communication is designed to allow vehicles to communicate with other vehicles, motorcycles, infrastructure and pedestrians without the involvement of a cellular network.

Here are six scenarios featuring this breakthrough technology.

- **Emergency Electronic Brake Lights**
  Designed to reduce rear-end crashes

- **Signal Phase and Timing**
  Communicated to the driver

- **Intersection Collision Warning**
  Designed to improve traffic safety

- **Across Traffic Turn Collision Risk Warning**
  Designed to improve traffic safety

- **Vulnerable Road User Protection**
  When pedestrians & cyclists are present

- **Stationary Vehicle Warning**
  Designed to reduce rear-end crashes

Learn more: qualcomm.com/C-V2X