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## [Verizon, Cisco partner to demonstrate C-V2X communication technology](#)

[Cisco](#) and [Verizon](#) demonstrated a [proof-of-concept](#) of a cellular vehicle-to-everything (C-V2X) deployment in Las Vegas, without the use of roadside units (RSUs). Utilizing 5G, LTE, mobile edge computing (MEC, also called multi-access edge computing), and IoT technologies, the demonstration creates "virtual RSUs" that offer the signal latency needed for CV communications. This technology could reduce the capital costs needed for CV communication deployments.

## [AT&T makes 5G connected car deal with GM](#)

AT&T and General Motors are expanding their CV collaboration efforts. GM has offered vehicles with 4G LTE service since the 2019 model year; going forward, this 10-year deal is expected to include 5G-enabled production vehicles utilizing AT&T service. The 5G CV service is expected to provide faster mapping, voice service, and vehicle over-the-air updates. GM has yet to announce the availability of cellular vehicle-to-everything (C-V2X) services on model year 2024 vehicles.



Photo by: [CNBC](#)



## [Commsignia group launches V2X testing to protect cyclists](#)

[Several companies](#) are partnering to test the benefits of C-V2X for vulnerable road users (VRUs), such as cyclists and pedestrians. Participating companies include Commsignia, Audi, Qualcomm, and Spoke. This testing allows connected vehicles to [communicate](#) with pedestrians and cyclists through V2X protocols.



Photo by: [TrafficTechnologyToday](#)



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## [T-Mobile offers first C-V2X deployment](#)

T-Mobile has [announced](#) the release of the first 5G CVs in the United States – the 2022 BMW iX SUV, and the 2022 BMW i4 sedan. [Audi/Verizon](#) and [AT&T/GM](#) are both expected to release similar services to market in model year 2024.

CAV News Bytes is a monthly publication that offers snapshots of some of the latest developments related to Connected and Automated Vehicles (CAVs) and CAV deployments. CAV News Bytes is developed by the Intelligent Transportation Society of America (ITS America) with support from the Connected Automated Vehicle Deployer Task Force.

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