



Photo by: [Getty Images / Smart Cities Dive](#)

CV technologies deployed across Las Vegas

The City of Las Vegas, Nevada has begun installing connected vehicle (CV) equipment at signalized intersections throughout the city. The road side units (RSUs) lidar, and cameras will be used to support planned AV deployments , as well as CVs as they are introduced to the market. In addition, the lidar and cameras will be used by traffic management personnel for intersection analysis and to identify wrong-way vehicles on one-way streets.

PennDOT, Drexel, & AECOM partner to test AV shuttle

Pennsylvania DOT (PennDOT) is partnering with AECOM and researchers from Drexel University to pilot an autonomous shuttle bus in the Navy Yard neighborhood of Philadelphia. The automated vehicle (AV) is provided by Virginia-based [Perrone Robotics](#) and funded by the Delaware Valley Regional Planning Commission. Researchers will study the shuttle's interactions within the traffic environment and collect data on public perception through the first year of operation.



Photo by: [Roads & Bridges / Dreamstime.com](#)



Qualcomm & Salesforce plan cloud-based CV platform

Qualcomm has announced a partnership with Salesforce, presenting a plan to develop a CV platform for automakers. By leveraging Qualcomm's Snapdragon hardware and Salesforce's cloud services, the CV platform will offer assisted driving technologies, in-car infotainment, and cloud connectivity. The partnership also intends to provide automakers with real-time data from the vehicle, allowing them to improve "personalized user experiences."



Photo by: [Reuters](#)



Photo by: [ZF](#)

ZF announces ProConnect CAV platform

Automotive parts supplier, ZF, announced ProConnect, a connected automated vehicle (CAV) platform that can provide the computational power and communications for Advanced Driver Assistance Systems (ADAS), autonomous driving, and CV applications. The on-board hardware will utilize CV data to provide driver alerts, like approaching emergency vehicles or traffic signal status. The platform can also be implemented to support fleet management and smart phone app integration at the automaker's discretion.

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.

For more information or to share a CAV-related news story with our team, please visit itsa.org/cav-deployers-task-force/