cradlepoint
Global Leader in 4G LTE Network Solutions

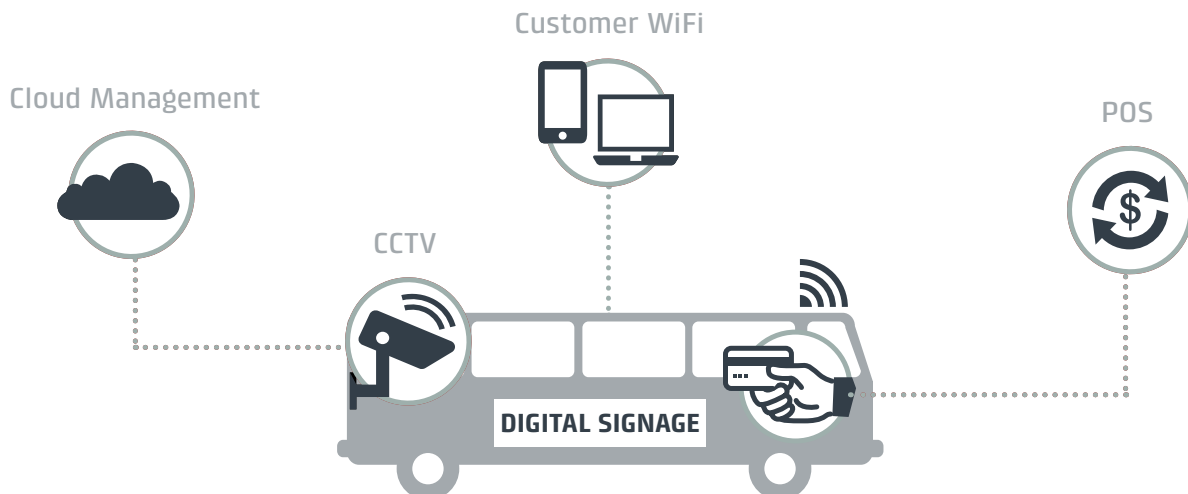# Transportation Network Solutions

With the proliferation of 3G/4G networks, the adoption of cloud-connected vehicles has increased exponentially year-over-year. Whether it's mass transit WiFi, real-time connectivity for emergency services, or Point-of-Sale for credit cards, in-vehicle networks are transforming how organisations connect from the road with Cradlepoint solutions.

CHALLENGE: ENTERPRISE CONNECTIVITY ON THE ROAD

Deploying network connectivity to your organisation's vehicle fleet can entail a number of challenges. Mobile networks require constant management. When the network is always in motion, consistent physical access to equipment is impossible. Reliable connectivity will also depend on correct placement of the router and antennas. Using a vehicle's battery as a power source can create power issues, which could ultimately damage network equipment. Vibrations, weather conditions, and temperature fluctuations of extreme heat, cold, wind, and rain can impact sensitive networking hardware in detrimental ways, causing connectivity failures.

SOLUTION: CLOUD-MANAGED 3G/4G NETWORKING

A solution will take into account all aspects of virtual and physical layouts, as well as anticipated applications. You'll find you're not simply choosing hardware and a data plan, but looking holistically at how to optimise a comprehensive solution for reliable, stable

connectivity on the road. Whether your organisation needs a way for police officers to stay connected to the network, or you are serving WiFi to thousands of commuters daily on a city bus system, Cradlepoint's COR Series is the "go-to" solution for transportation networks.

CRADLEPOINT SOLUTION ADVANTAGES

+ **Real-Time, mission-critical connectivity:** Cradlepoint offers solutions that are unlike other mobile solutions on the market. The transportation sector can look up vital information, update records immediately, and process payment information while using secure connectivity.

+ **Enhanced rider experience:** Today's commuters and leisure travelers demand connectivity. A recent study found that more than 50% of mass transit commuters anticipate using WiFi during their commute.

+ **Ease-of-use with cloud management:** Monitor, configure, and upgrade geographically dispersed fleet networks without requiring on-site technical resources. Improve productivity, reduce costs, and enhance the intelligence of your network. Cradlepoint solutions allow you to maximise the benefits of the cloud without losing your fleet's connection.

SUMMARY

In a world where traditional tethers to the office have all but vanished, organisations that operate vehicle fleets require Internet connectivity to keep up. Today's transit commuters and leisure travellers want this connectivity almost as much as they want a seat and an on-time arrival. Fleet management requires this connectivity to keep pace with the mobile office and find productivity gains. With Cradlepoint's in-vehicle solutions, your organisation can keep pace with technology innovations on the road.

SUCCESS STORY:
KING COUNTY CITY BUSES

King County, Washington has become one of America's major technology hubs. Large companies such as Microsoft, Amazon, and Google have major offices there, and hundreds of smaller technology companies have started up in the greater Seattle area. With so many hi-tech employees using public transport, King County decided that it could serve its commuters better by providing WiFi access on its buses. After an extensive search and in-depth testing, the County implemented Cradlepoint networking solutions in its fleet.

"A key element in our decision was that Cradlepoint has Enterprise Cloud Manager to remotely manage the devices through the cloud. I needed to make sure that we could efficiently execute the right firmware updates, the right patch updates, and hot fixes on all devices — without our staff having to physically travel to each bus."

— GREG DEBO
IT PROJECT MANAGER
KING COUNTY