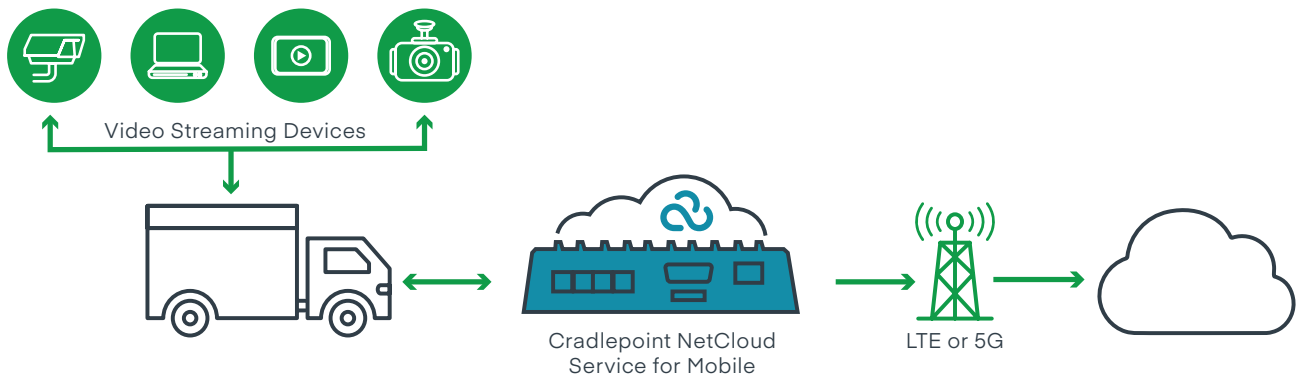


# Mobile Broadband for High-Quality In-Vehicle Video Streaming

## Using LTE and 5G wireless solutions to enable reliable, high-performance connectivity

Fleet vehicles have evolved into rolling digital workstations. Powerful onboard devices enable reliable video streaming and other critical applications for first responders, businesses, public transit, and school systems. However, the benefits of real-time video and data are only accessible through highly reliable in-vehicle connectivity that securely links footage to the cloud and data centers.



## Networking challenges

### Inconsistent connectivity

As fleet vehicles move through varied terrain, dense urban areas, or sprawling suburbs, network availability can be strong one minute and weak or lost the next — impacting connection reliability.

### Insufficient capacity for high-definition video

Video files typically are quite large. In-vehicle video streaming places a heavy burden on networking equipment, often hindering the stream quality and obstructing related applications.

### Network management limitations

Within fleets, IT teams often don't have the resources, personnel, or time to manage configuration changes, set one-off policies, and install security updates one vehicle at a time.



**The environment with our in-car video system is more complex than our old one, so we needed a router that could handle the increased load."**

Nick Zajchowski, strategic advisor, Seattle Police Department

## Benefits of LTE and 5G solutions for in-vehicle connectivity

### Reliable network access from the road

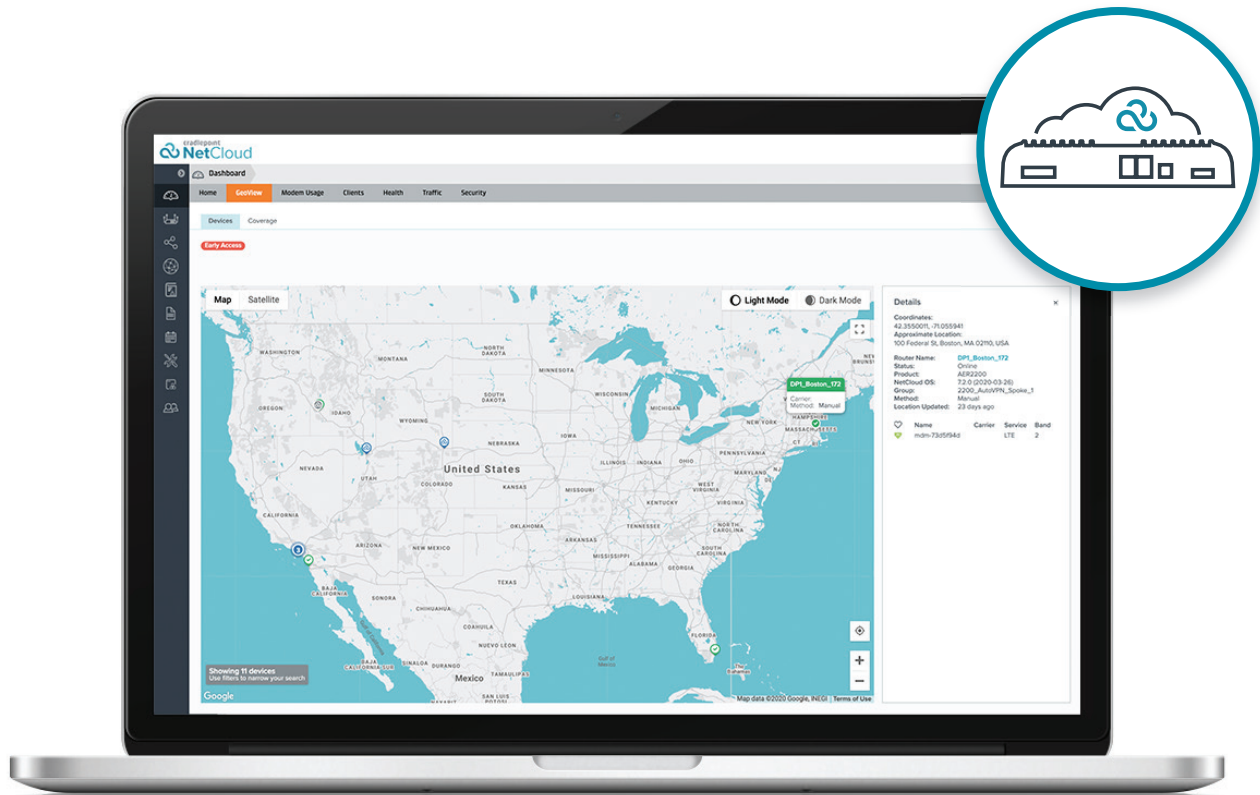
Featuring support for multiple wireless carriers and interoperability with a wide array of external antennas, Cradlepoint's NetCloud Service for Mobile and wireless routers with built-in LTE or 5G modems provide dependable in-vehicle network connectivity — and the option of introducing automatic cellular failover to a second network operator if the need arises.

### Agility to accommodate future needs

Cradlepoint's in-vehicle wireless solutions feature integrated Wi-Fi, ethernet and serial ports, and dual-modem capabilities — supporting the latest onboard video platforms and ensuring scalability.

### Centralized management for remote troubleshooting

NetCloud Manager provides cloud-based centralized monitoring, configuration, data management, and troubleshooting for IT teams and network administrators — including robust dashboards replete with analytics and insights about connection links and security.



Explore this solution at [cradlepoint.com/mobile-routers](https://cradlepoint.com/mobile-routers)