



# Over The Road Trucking

## Why the Need?

When you're an Over The Road trucker, reliable Wi-Fi is essential. For professional truckers, good internet access makes the difference between taking unpaid backhauls across the country and earning profit every mile. Reliable Wi-Fi enables truckers to use apps to streamline passing through weigh stations, save money on gas, and make overall trip planning easier.

## The Challenge

The challenge of implementing reliable connectivity in a truck is multifold. Not all cellular plans work well on the road. Certain networks are great in urban areas but are unreliable in rural areas for example. That being said, it is crucial that the device supplying the Wi-Fi network signal can scan all networks and determine which is the strongest, and then connect to it regardless of the carrier supplying it. The device supplying the Wi-Fi network must also allow for multiple device connections so all devices in the truck's cab can connect including smartphones, tablets, tv's, computers and even gaming consoles. On top of these requirements, the device supplying the Wi-Fi network must boast large enough high bandwidth data plans to meet demand and be upgradable to adjust for longer trips. Another big issue to consider is what happens when a trucker leaves their cab for an inspection for example, do they just leave the device supplying their Wi-Fi network signal to their ELD device, or can they take it with them?

## The Solution

Wing Tel has a complete solution, offering reliable internet connectivity for OTR truckers without an unnecessarily expensive and complicated setup. Wing Tel offers a device that supplies strong and reliable Wi-Fi through high bandwidth data plans that connect to each one of the nation's largest and most trusted cellular carriers. In fact, the device is able to automatically and seamlessly toggle between each carrier, always providing the user with the best quality connection, regardless if they are in a fixed or mobile location.

Wing Tel's device can share Wi-Fi to 10 devices at a time and features battery backup for a period of up to 16 hours.

The setup is simple and easy. There are no physical sim cards, no special APN settings, or any need to download and install any apps. All the end user needs to do is turn on the device and go. They can connect any Wi-Fi enabled device from smartphones to laptops to gaming consoles!

Data plans range up to 800gbs in size and can operate in both summer and winter conditions between 14 °F to 131 °F (-10 °C to 55 °C).

## Topology

