

# COPILOT<sup>®</sup> TRUCK<sup>™</sup>



## CoPilot Truck On-Board (Offline) Navigation Vs. Off-Board (Online) Map Applications

When adopting GPS navigation for a fleet, companies have a choice of two methods of navigation delivery:

### **Option A**

Adopt an off-board mapping and navigation solution, based on a continuous internet connection and the need to consume mobile data

### **Option B**

Install maps, navigation and the associated routing software on-board the drivers' devices with no reliance on continuous off-board mobile data downloads

**The following outlines the numerous advantages of Option B, an on-board solution.**

# FLEET WIDE BENEFITS

## Best Performance

Map and navigation information is available immediately for the application to display as there is no latency associated with server requests for more mapping and routing information.

- ▶ Utilizes the device processor to enable quick route calculation and automatic re-route calculation locally on the device

## Best Reliability

CoPilot Truck uses the devices' built-in GPS chipset so there is no reliance on wireless communications for navigation. Users can always get directions, even in areas of patchy coverage.

## Substantial Cost Savings

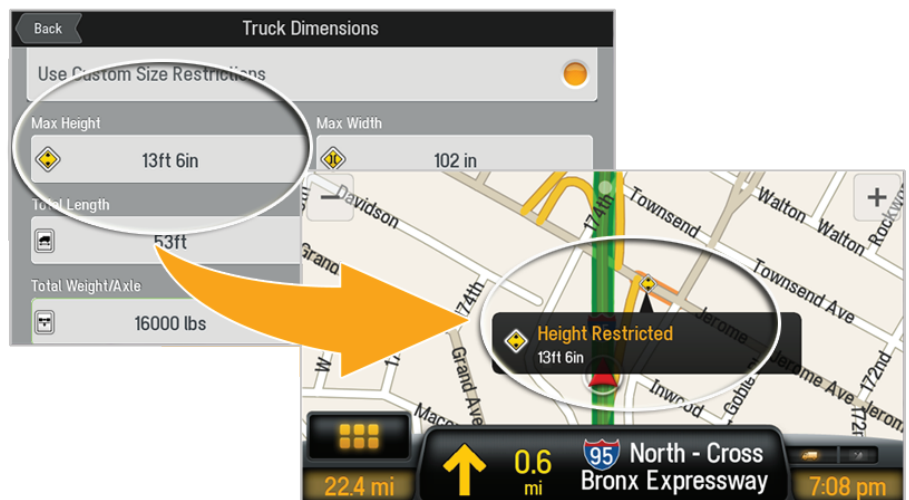
Use of built-in GPS receiver and maps stored on-board as opposed to wireless communications prevents consumption of mobile data.

- ▶ Leading off-board navigation apps can easily consume half a MB of data per mile, per truck



## Commercial Truck Routing Expertise

CoPilot Truck is the only GPS navigation solution to offer industry standard PC\*MILER truck-specific routing. Using customizable truck dimensions for height, length, width, axle and weight, drivers can calculate the optimal route that is both safe and legal, to avoid costly fines and vehicle damage.





## DRIVER BENEFITS

- ▶ **Driver Safety** – On-board navigation will continue to provide direction in remote locations/areas with weak/no mobile network coverage.
- ▶ **Privacy** – Location does not need to be shared with any servers.
- ▶ **Longer Battery Life** – No wireless communication needed to load maps.
- ▶ **Richer User Experience** – On-board mapping supports a greater level of mapping and POI detail.
- ▶ **Consumer Friendly UI** – CoPilot Truck is designed with the look and feel of current iOS and Android apps, providing drivers with a familiar user experience.

## USEFUL LIVE SERVICES

With CoPilot Truck you can achieve the best of both worlds – reliable, cost-effective on-board mapping and navigation augmented with useful live services that use the mobile internet.

- ▶ **ActiveTraffic™** – Provides the fastest route based on real-time traffic speeds.
- ▶ **Fuel Prices** – Locate nearby gas stations based on location and price.
- ▶ **Over-the-Air (OTA) Map Updates** – Download only the incremental difference between the latest data and the data already stored on the device.



## THE “LATEST” MAP DATA

It is a common misconception that using an off-board mapping solution enables routing using the latest maps. This is not the case.

There is no greater frequency in updates of off-board solutions than some on-board providers. At ALK Technologies, our North America maps are being continuously updated by our in-house GIS team and made available to customers on a quarterly basis.

With the option to have the maps stored locally and updated regularly, ALK provides a considerably better proposition than having dated maps continuously downloaded using mobile data to the drivers' mobile devices.

For more information contact [busdev@alk.com](mailto:busdev@alk.com) or visit [www.copilottruck.com](http://www.copilottruck.com)

### About ALK Technologies, Inc.

**ALK Technologies, a global leader in GeoLogistics™ and navigation software, is focused on developing innovative solutions for transportation, logistics and mobile workforces.**

**For over 30 years, ALK has led the transportation industry with high-quality routing, mileage and mapping solutions.**

### ALK Product Portfolio

#### **ALK Maps™**

The transportation industry's source for interactive routing and visualizations.

#### **CoPilot Professional**

Fully integrated navigation software with detailed audio and visual instructions.

#### **CoPilot Truck**

Fully integrated navigation software enhanced with industry standard PC\*MILER routing and truck-specific attributes.

#### **PC\*MILER**

The transportation and logistics industry standard for routing, mileage, and mapping.



WAY AHEAD™

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