

# ORION

In 2014, ORION enabled drivers averaged a daily reduction of six to eight miles, resulting in lower fuel use and related vehicle emissions.

When ORION is fully deployed in the U.S., we expect to achieve a reduction of 100 million miles annually, saving 10 million gallons of fuel and reducing 100,000 metric tons of CO2 each year.

We plan to complete the full U.S. deployment of ORION by the end of 2016 and begin global deployment after 2017.

ORION-optimized routes require fewer miles of driving

Non-ORION routes include miles that can be avoided

**ORION** stands for on-road integrated optimization and navigation.

ORION knows a delivery route's customer addresses for the day, locations with required delivery and pickup times, and business rules for drivers. It also knows 250 million delivery addresses and the routes our drivers have used in the past. ORION analyzes it all and prepares optimized routing instructions right up to the minute a driver is dispatched.

ORION gives us the edge we need to keep up with the rapid growth of e-commerce and the increasing number of residential and small businesses we serve. More customers means more miles and more miles means more emissions. The big data behind ORION helps us reduce these added miles. With more efficient routes, we can reach our sustainability goals while our drivers can focus on providing great customer service.

Every delivery route begins and ends at a UPS facility

To learn more, please visit [ups.com/sustainability](http://ups.com/sustainability)

