

ORION

In 2015, we expanded ORION to 70% of U.S. routes identified as part of the initial deployment. This expansion has helped UPS achieve reductions in miles driven, fuel use, and related vehicle emissions.

When ORION is fully deployed in the U.S. by the end of 2016, 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. That is equivalent to taking 21,000 passenger cars off the road for a year.



ORION stands for On-Road Integrated Optimization and Navigation.

ORION, our proprietary route optimization software, launched in 2013 and continues to deliver significant financial and environmental benefits. Arguably the world's largest operations research project, ORION uses package-level detail, customized online map data, fleet telematics, and advanced algorithms to take route optimization to a new level. ORION enhances customer service and reduces miles driven by determining the most efficient delivery route each day.

ORION gives us the edge we need to keep up with the rapid growth of e-commerce and the increasing number of customers we serve. E-commerce typically results in more dispersed residential delivery stops compared to business-to-business shipments. More stops means more miles, more fuel, and more emissions. ORION helps us optimize routes to increase efficiency, so we can advance more quickly toward our sustainability goals while meeting customer needs.

Every delivery route begins and ends at a UPS facility

Learn more at ups.com/sustainability

