UPS ORION: The Driver Helper

UPS’s ORION technology is revolutionizing package pickup and delivery operations. ORION combines package-level detail and customized online map data with expansive fleet telematics and advanced algorithms to provide UPS drivers with the most efficient delivery routes. A big task considering there are more ways to deliver a route than the age of the Earth in nanoseconds. No wonder ORION has been called “the world’s largest operations research project!”

Meet ORION and check out the amazing results it delivers...

**FULL NAME:** On-Road Integrated Optimization and Navigation  
**DOB:** 2008  
**BIRTH PLACE:** Timonium, MD  
**FAMILY MEMBERS:** 700 UPSers on the ORION team  
**PREFERRED MEAL:** Data, data and more data. I love data!  
**NEED TO SLEEP:** Never  
**EMPLOYER:** UPS and all the drivers I work with every day  
**HOBBIES:** Sudoku and road trips  
**PET PEEVES:** Inefficiency, waste, tardiness  
**FAVORITE COLOR:** Brown... of course  
**FUTURE PLANS:** Travel internationally and work on developing my dynamic personality

When fully implemented, expected savings of **$300M to $400M PER YEAR**

Expected cut of greenhouse gas emissions by about **100,000 METRIC TONS ANNUALLY**

At full deployment, expected savings of **$300M TO $400M PER YEAR**

**100M MILES DRIVEN ANNUALLY**

10M GALLONS ANNUALLY in projected fuel usage cuts

The algorithm behind ORION is **1,000 PAGES LONG**

30,000 U.S. route optimizations per minute

250M address points analyzed daily

16M approximate U.S. deliveries daily

100M METRIC TONS ANNUALLY

10M ANNUALLY

1,000 PAGES LONG

100M MILES DRIVEN ANNUALLY

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