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…

When fully implemented, predicted reduction of
100M MILES DRIVEN ANNUALLY

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

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

10M GALLONS ANNUALLY in projected fuel usage cuts

The algorithm behind ORION is
1,000 PAGES LONG

A

B

30,000 U.S. route optimizations per minute

16M approximate U.S. deliveries daily

250M address points analyzed daily

ORION

MEET ORION:

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 ♥ 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