

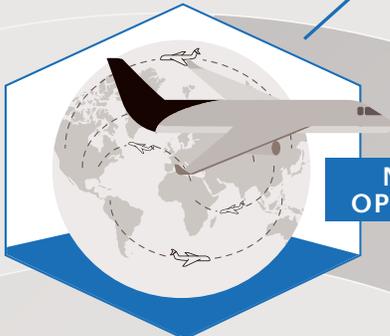


Making the Smart Logistics Network a Reality

UPS's smart logistics network refers to our digitally and physically connected facilities, fleet, and information systems. Using real-time data, artificial intelligence, machine learning, and other technology, we will optimize tracking and processing of packages and freight, and synchronize our transportation fleet. The Smart Global Logistics Network enables us to drive operational and sustainable improvements for our business, and provide greater accuracy and speed for our customers from pickup to the final mile.

Network Planning Tools (NPT)

NPT tells us the most efficient way to run our transportation routes and facilities, even when volumes spike and destinations change. By applying advanced analytics, artificial intelligence, and operations research, these tools optimize the flow of up to 60 million packages in our U.S. network each day. NPT is in development and will have a rolling release until it is fully deployed in 2020.



NETWORK
OPTIMIZATION

Enhanced Dynamic Global Execution (EDGE)

EDGE uses real-time data to enhance real-time decision-making inside our facilities. These proprietary programs tell us where and how packages should be sorted and can locate operational assets instantly. EDGE is comprised of more than 20 separate projects that are being developed and tested now, with full deployment planned in phases through 2020.



FACILITY
OPTIMIZATION

On-Road Integrated Optimization and Navigation (ORION)

Our groundbreaking route optimization software determines the most efficient delivery route each day. Deployed across the U.S. and being piloted in Canada, Germany, and the U.K., ORION is essential to reducing our carbon footprint by minimizing UPS's total miles driven.



ROUTE
OPTIMIZATION

Delivery Information Acquisition Device (DIAD)

Drivers use this handheld tool when delivering packages. Our next-generation DIAD will integrate artificial intelligence and other technology enhancements to enable drivers to make better decisions that help us meet our customers' unique needs and preferences.



DELIVERY
OPTIMIZATION

Here's a look into
the foundation
of our Smart
Logistics Network.