

# Dispatch and driver assignment

Automatically assigns optimal drivers to delivery orders and generates optimized routes, reducing dispatch time and improving delivery efficiency through intelligent matching algorithms.

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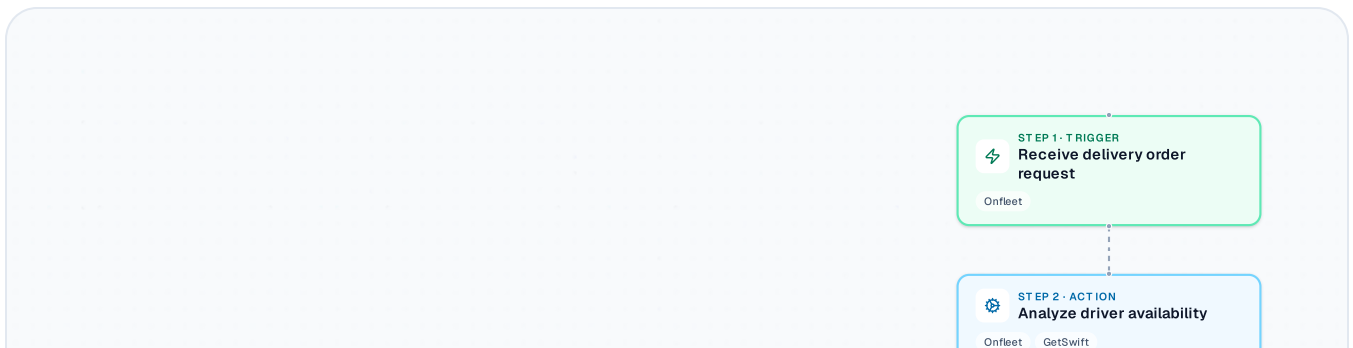


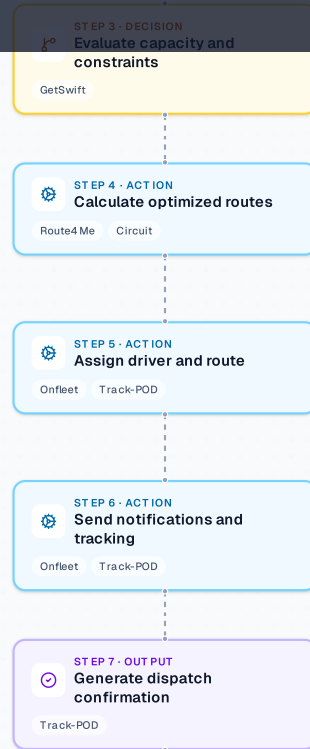
## WORKFLOW TRIGGER

New delivery order is received in the system with pickup and delivery addresses

## Visual Flow

Each node represents an automated step. Connections show how data and decisions move through the workflow.





## Step-by-Step Breakdown

Detailed explanation of each automated stage in the workflow.

1

## Receive delivery order request

New delivery order enters the system with customer details, pickup location, delivery address, and package specifications. System captures order timestamp and priority level.

Onfleet

2

 ACTION

## Analyze driver availability

System checks real-time driver locations, current workload, vehicle capacity, and scheduled breaks. Identifies drivers within optimal range of pickup location.

Onfleet

GetSwift

3

 DECISION

## Evaluate capacity and constraints

Determines if available drivers can handle package size, weight, and delivery timeframe requirements. Branches to either immediate assignment or alternative routing.

GetSwift

4

 ACTION

## Calculate optimized routes

Generates multiple route options considering traffic patterns, delivery windows, and driver efficiency. Integrates real-time traffic data for accurate ETAs.

5

 ACTION

### Assign driver and route

Automatically assigns the best-matched driver based on proximity, capacity, and route efficiency. Updates driver mobile app with pickup and delivery instructions.

Onfleet

Track-POD

6

 ACTION

### Send notifications and tracking

Dispatches assignment notification to driver and sends tracking information to customer. Initiates real-time GPS monitoring for delivery progress.

Onfleet

Track-POD

7

 OUTPUT

### Generate dispatch confirmation

Creates confirmation record with driver assignment, estimated delivery time, and tracking number. Updates order status and archives assignment decision data.

Track-POD



## Outputs

- Driver assignment confirmation
- Optimized delivery route
- Customer tracking number
- Estimated delivery time



## Key Metrics

- Average dispatch time
- Route efficiency percentage
- Driver utilization rate



## Tools & Integrations

- Onfleet
- GetSwift
- Route4Me
- Circuit
- Track-POD

## AI Business OS

## AI Business OS

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