



PTV GROUP

# START HACK



BUILDING BEYOND BORDERS

# 01 ABOUT PTV GROUP

- Founded in 1979 as a university spin-off with headquarters in Germany
- Global presence with 28 locations
- ~ 900 employees
- 50,000 users of PTV software
- € 117M annual revenue



Our software solutions and components add value to all logistics processes:



Visualization  
& Analytics



Planning



Optimization



Execution

02

# ABOUT NEXT MOVE



The PTV Incubator Next Move covers four main roles:

- Incubation
- Acceleration
- Funding facilitation
- Entrepreneurship awareness

– with a strong focus on **sustainable mobility and transportation**, creating a better world for tomorrow.



Our four Next Move building blocks to take you to the next level



Software  
Components



Coaching



Network



Infrastructure

03

# THE CHALLENGE: UPGRADE COURIER DRIVING

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01

Mostly self-employed

02

Not ideally utilized

03

Dispatching not optimized

04

## THE SOLUTION: RIDER DISPATCHING

Live dispatching app for self-employed couriers enables drivers to select the most lucrative jobs in real time and increase their own earnings by 50-80%:

- ❑ (Smartphone compatible) web app
- ❑ All inclusive connector
- ❑ Real-time optimization

### BASED ON OUR APIS:



Consider a range of parameters  
i.e. priorities, time windows, legal  
regulations, load & access restrictions



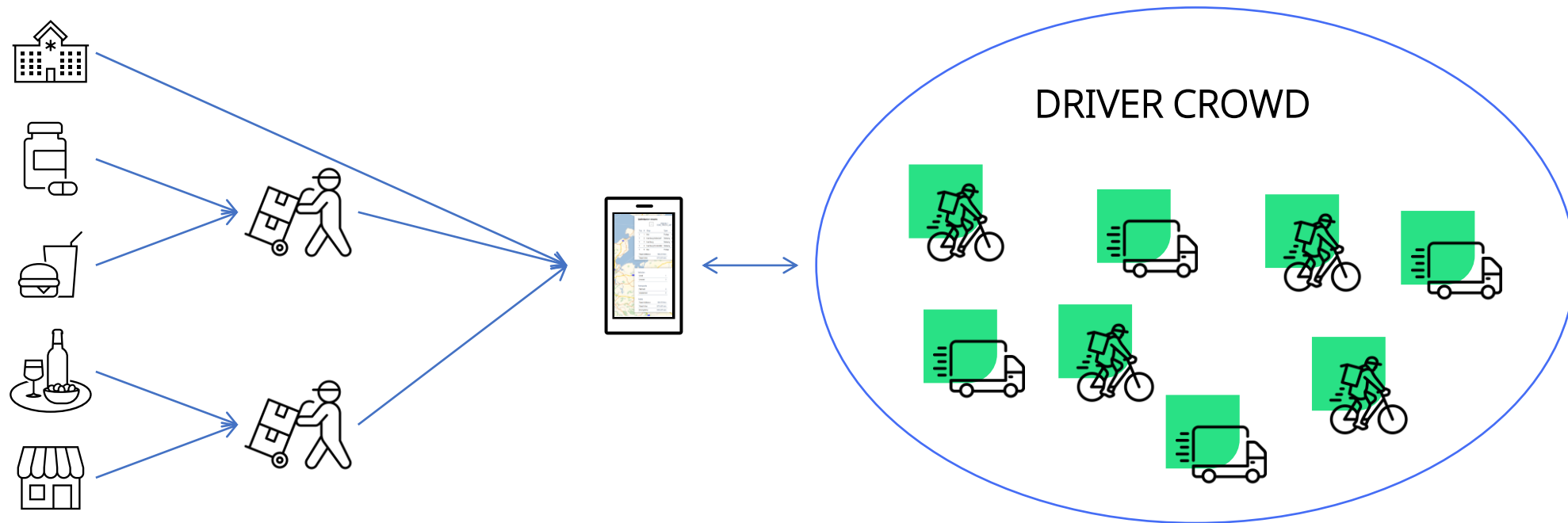
Variety of VRP Solutions  
mixed or homogenous fleets; pickups  
and deliveries; multiple depots



Live Dispatching  
Intervene manually in case of accidents  
or last-minute changes

06

# THE CONCEPT: RIDER DISPATCHING





05

# THE PLANNING PROCESS: MILLIONS OF OPTIONS

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01

Upfront Planning

02

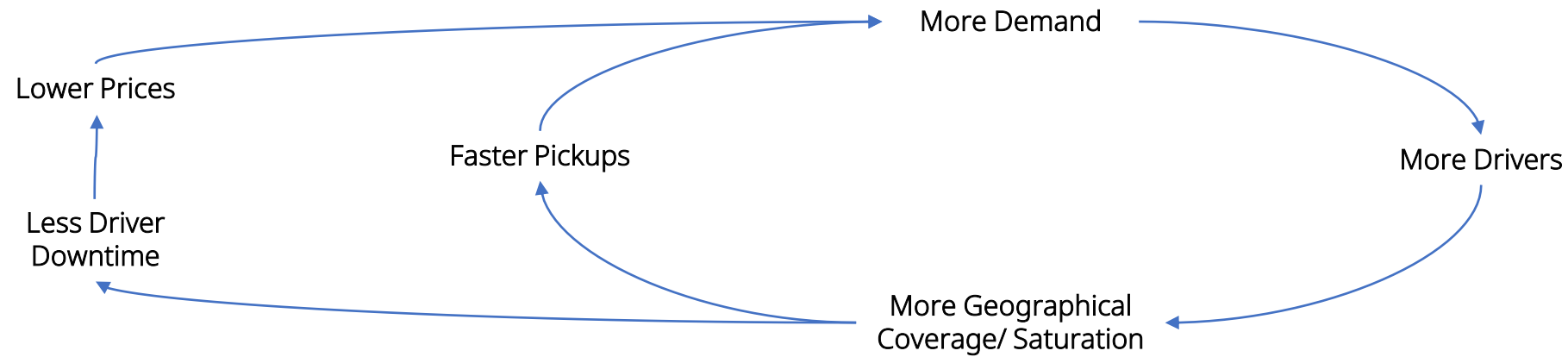
Early Day Planning

03

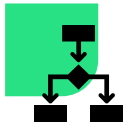
During The Day Planning

07

# THE DESCRIPTION: NEW NETWORK EFFECT



## KEY CONCEPT



### Decision support

The app receives in real-time orders from various services and offers only the orders to the driver which fit in the current plan



### Complex route optimization

After accepting an order, the service re-plans all upcoming stops including their time slots and restrictions



### Empowering network effect

Faster pick-ups, more demand & lower prices. The driver benefits from higher income and less downtime