



NUNAV Courier

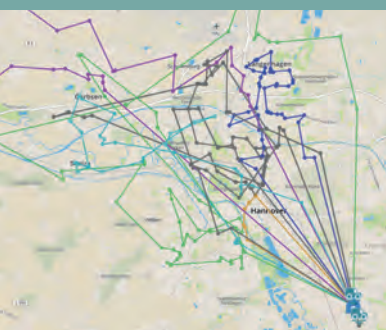
DISPATCH

LOAD

DRIVE

DELIVER

**DIGITALISE
THE LAST MILE**



Reliable delivery, your key to customer satisfaction

Online retailers are the CEP sector's most important clients. Clothing, shoes, electronics, but also medicines and groceries, need to arrive at your customer quickly and especially at a predictable time.

59% of online shoppers consider a reliable delivery to be a "very important to absolutely crucial aspect" according to a survey carried out by the Idealo platform.

"Where is my order?"

For a recipient his shipment is the most important one. For the CEP sector, it is one of millions every day that must reach their destination. By the year 2021, the mark of 4 billion parcels per year will have been passed in Germany. But the joy of this boom is tarnished by cost pressure, a shortage of staff, and the increasing challenges to be faced in urban traffic.

Traditional workflows and structures in parcel logistics have already reached their limits and will soon no longer be viable.



New challenges for urban logistics:
Increasing traffic jams and out-dated infrastructure
Vehicle restrictions (e.g. driving bans)
CEP-free zones in inner cities

With NUNAV Courier, Graphmasters provides a software-based solution for the CEP and logistics sectors, which sets new standards in efficiency, service quality, and environmental sustainability for the last mile.

NUNAV Courier is a unique combination of dynamic route planning, load compartment management, and multi-stop navigation app. Consistently developed from the user's point-of-view, the software provides solutions for all the challenges of the "last mile" in the CEP and logistics business.

DISPATCH

Depot optimisation and route planning software

LOAD

Innovative PickByLight cargo organisation

DRIVE

Multi-stop navigation app with real time traffic jam avoidance

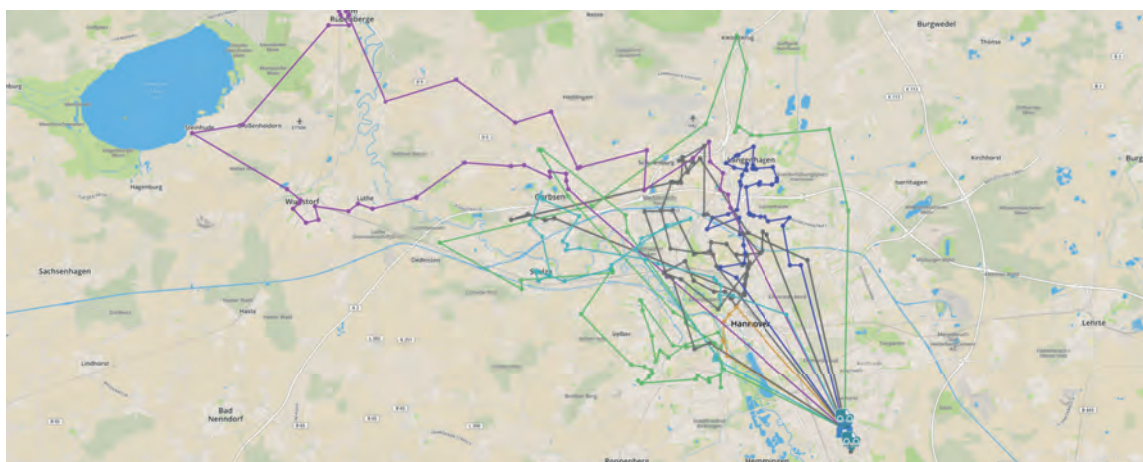
DELIVER

reliable, punctual, efficient with NUNAV Courier

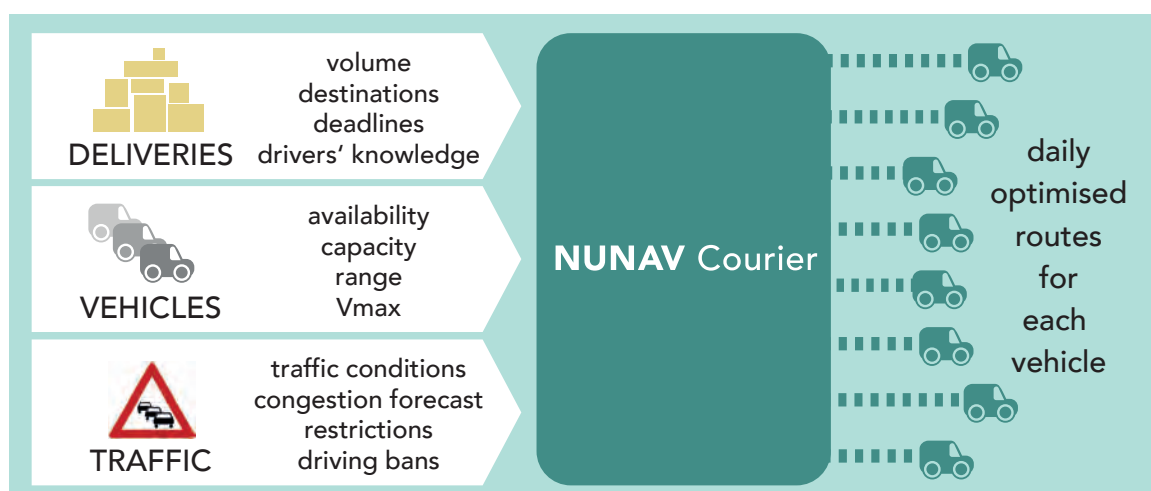
DEPOT OPTIMISATION AND TOUR PLANNING SOFTWARE

The classic zoning of “one delivery agent – one delivery zone” does not adapt to shipment volumes or traffic conditions, and it means that drivers drive for many kilometers through other delivery zones without actively delivering any parcels there.

NUNAV Courier’s automatic, dynamic route planning breaks a 300-year-old tradition of the Prussian postal services and optimizes the routes for the entire fleet on a day to day basis.



NUNAV Courier automatically distributes all deliveries within the vehicle fleet, based on freight volume and expected traffic conditions. Drivers’ knowledge regarding the destinations – opening hours, exact access routes, restrictions – is taken into account and updated daily.





LOADERS LOAD



DRIVERS DRIVE

Qualified drivers are already hard to find; the growth of the sector is intensifying this problem. When working, these drivers also lose valuable time while loading their vehicles, as well as sorting and searching for parcels in the loading compartment.

Graphmasters developed the digitalisation module NUNAV Courier PickByLight and presented it to the sector in two fully operational courier vehicles at the IAA International Commercial Vehicles Motor Show 2018.

This system is seamlessly integrated in our NUNAV Courier route planning and multi-stop navigation. When a loader scans the parcel, it tells him exactly where to place it in the vehicle. On arrival at each destination, an LED light signal shows the driver where a particular parcel is located in the load compartment. This reduces stress, shortens the duration of the stop, and provides more time for driving and customer service.



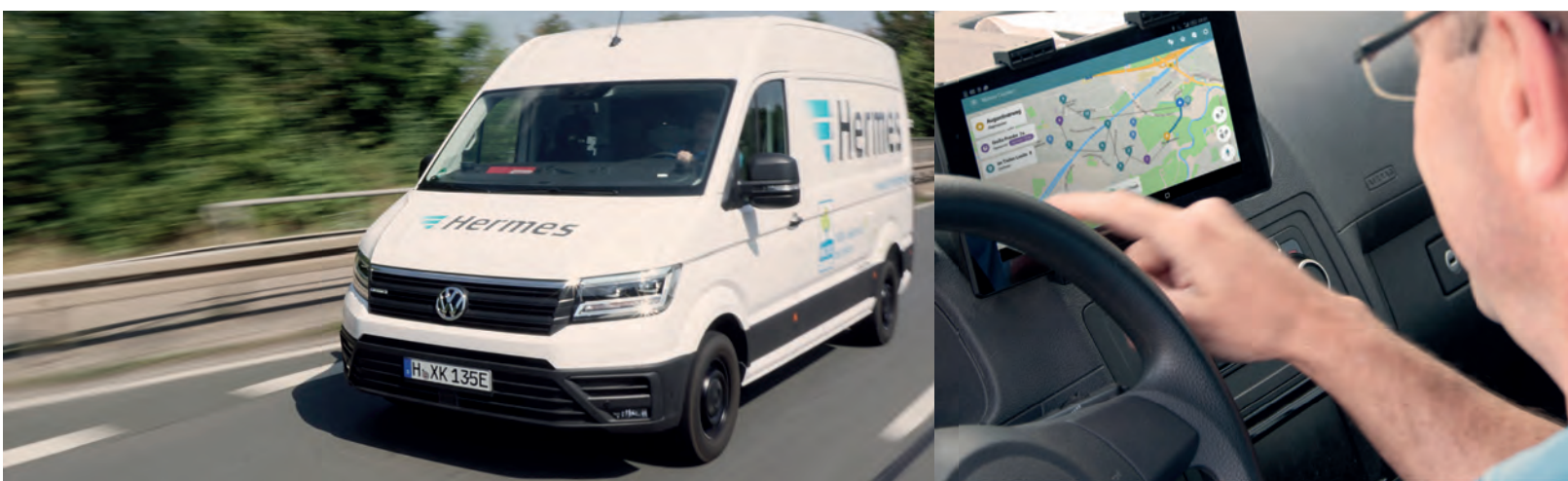
NUNAV Courier PICKBYLIGHT

Benefits:

- drivers do not load
- no searching at the destination
- second row parking time is shorter
- actual driving time is longer
- more stops per day possible
- fewer returns

“The high-performance driver assistance system NUNAV Courier is, to the driver, a comfortable navigation system app, which makes his daily work easier.”

Alexander Meister, Graphmasters



NUNAV Courier transfers all delivery addresses for the current route onto the tablet computer; the driver can follow the recommended route by means of a turn-by-turn navigation.

Graphmasters' award-winning Collaborative Routing, which is also used in public projects for the digitalisation of urban traffic, provides efficient and stress-free navigation from stop to stop. The real time traffic forecast detects traffic jams in advance.

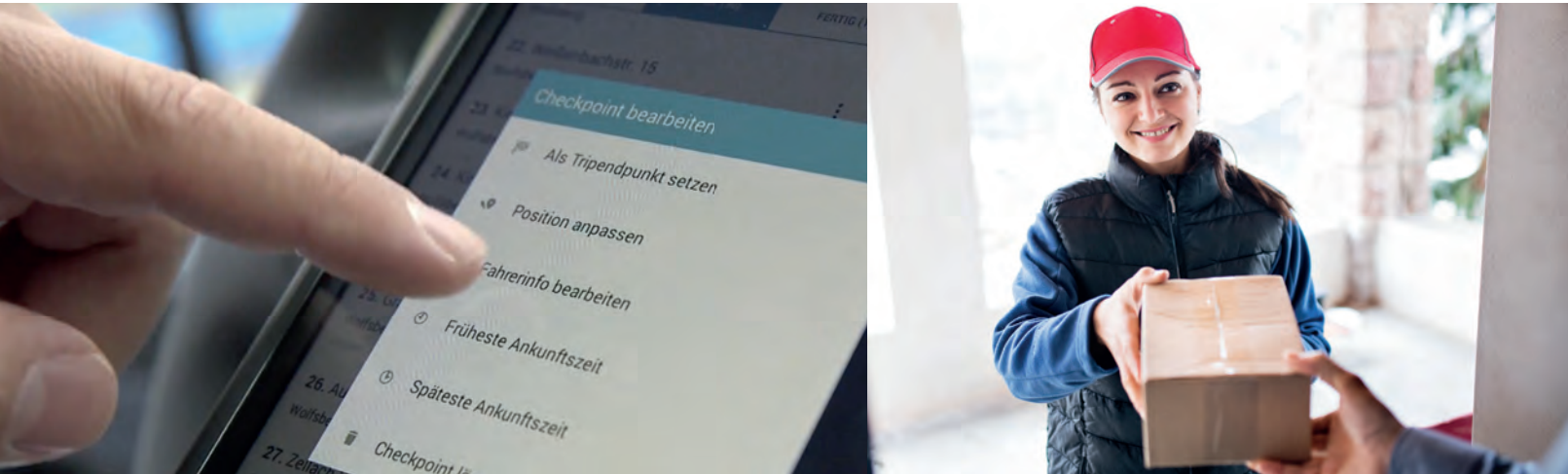
During driving, NUNAV Courier constantly optimises the route in the background. Traffic conditions, deviations from the route by the driver, or an up-date in orders (e.g. new pick-ups) are automatically taken into account.



- adapts to driver behavior
- efficient fleet utilisation
- meets delivery deadlines
- higher service quality
- shorter routes
- less fuel and CO₂
- 30% fewer returns
- 70% shorter training times

NUNAV COURIER DELIVERS.

Consistent service quality for the customer, every day, with every delivery. NUNAV Courier makes this possible by integrating drivers' knowledge.



From opening hours to the exact location of delivery, or a warning of a vicious dog, every piece of information is entered into NUNAV Courier. If necessary, this information is taken into account in route optimisation and provided to drivers on arrival at their destination.



With NUNAV Courier, new drivers, drivers switching tours, or even trainees, are able to offer service quality similar to that of the regular driver who knows 'his neighbourhood' like the back of his hand.

The future: Delivery reliability for all and delivery notification down to the exact minute

You can now completely rethink delivery notifications for customers: NUNAV Courier provides a real time forecast for every stop in hours, minutes, and seconds. In your communication with senders and recipients, you, as a CEP service provider, can decide how exact you make your delivery notification time. In this way, planned and actual times are directly comparable for more service, better customer retention, and your competitive advantage.

Digitalise the last mile with  **NUNAV Courier**



Dynamic routing

NUNAV Courier assists with delivery and reacts to driver behavior



20% more deliveries

with NUNAV Courier Depot Optimisation and Route Planning software



2 hours more driving time per day and driver

with our innovative PickByLight cargo compartment organisation



30% lower return rates

realistic route planning and navigation with real time traffic optimisation



20% less fuel consumption and CO₂ emissions

due to Graphmasters' award-winning bi-directional multi-stop routing



70% shorter training times for new drivers

with the easy-to-use multi-stop navigation app in eight languages



Faster electrification of your fleet

through shorter routes and range-optimised route planning

Digitalise your last mile with



NUNAV Courier



Hannover – Cambridge – Bern