

Set the Pace – with Loadbuilder AI.

Your Co-Driver for Complex Routes.

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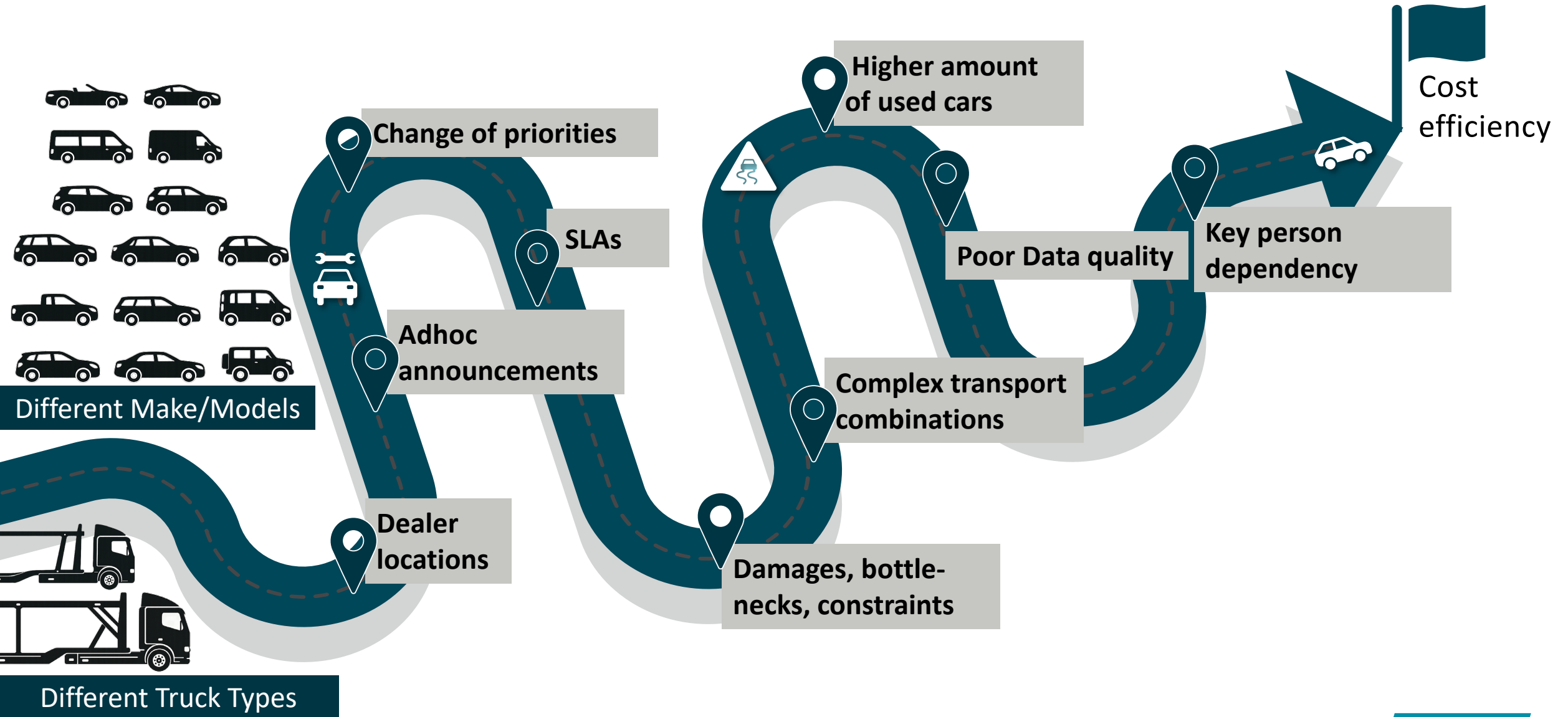
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your best decision ever





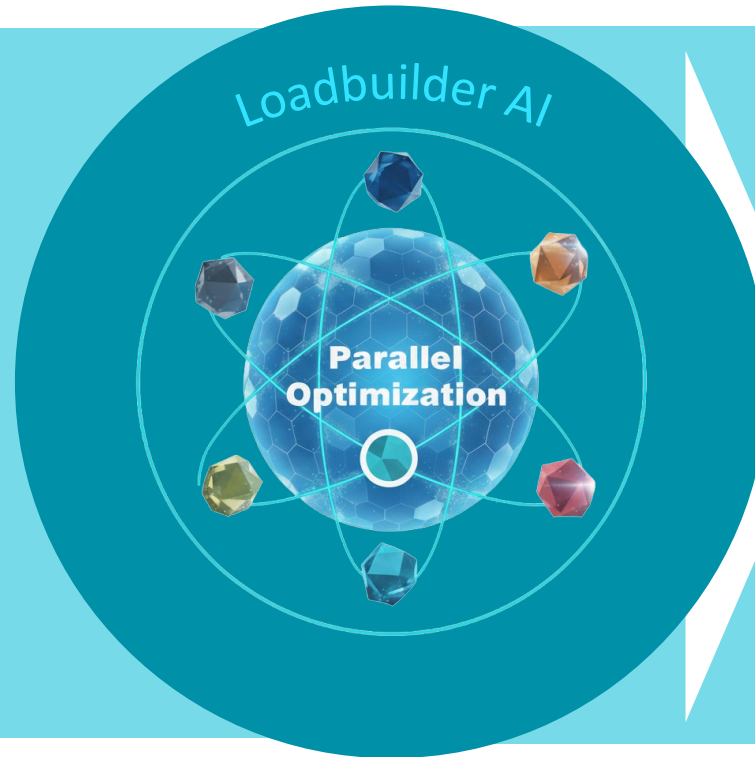
Reality is not a Rallye – but as unpredictable with constantly changing routes



Parallel optimization instead of sequential trial & error

Loadbuilder AI

- Millions of variants at once
- Reliable under time pressure
- Consistent results – independent of who plans



What the Loadbuilder AI evaluates in parallel

- Orders & VINs
- Capacities & priorities
- Routing & business rules
- SLAs & service constraints

Parallel · Consistent · Fast

This is what makes a digital co-driver reliable under pressure.

AI inside Loadbuilder – how intelligence enters planning

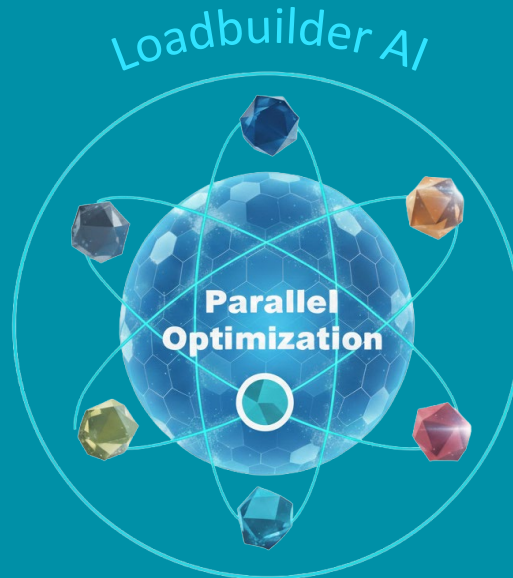
Machine Learning

- Learns from historical planning outcomes
- Detects recurring load & routing patterns
- Improves load pattern generation over time

Large Language Model (LLM)

- Validates & enriches input data
- Translates business rules into optimization logic
- Performs plausibility & quality checks

→ AI understands, learns and validates – before optimization even starts.



Parallel Optimization (Core Engine)

- Evaluates millions of variants in parallel
- Considers constraints, priorities & SLAs simultaneously

→ AI feeds the optimizer with better logic and better data.

AI supports decisions – planners stay in control.

TMS with INFORM's Co-Driver



Planning changes fundamentally.

- One consistent plan instead of trial & error
- All constraints evaluated in parallel
- Clear recommendations – not endless options
- Reliable decisions, even when things change

You stay in control.

- You decide – the Co-Driver calculates
- You validate – the system optimizes
- You drive – the Co-Driver keeps you on track

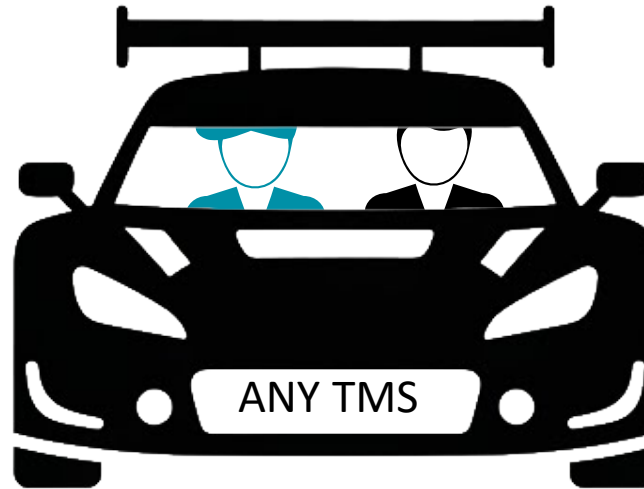
Planning with guidance – even under pressure.



Your Co-Driver. Seamlessly integrated into any TMS.

Loadbuilder AI integrates into your TMS landscape

- Works seamlessly within your system.
- No replacement. No disruption.
- You stay in control.



Taylor-made Intelligence

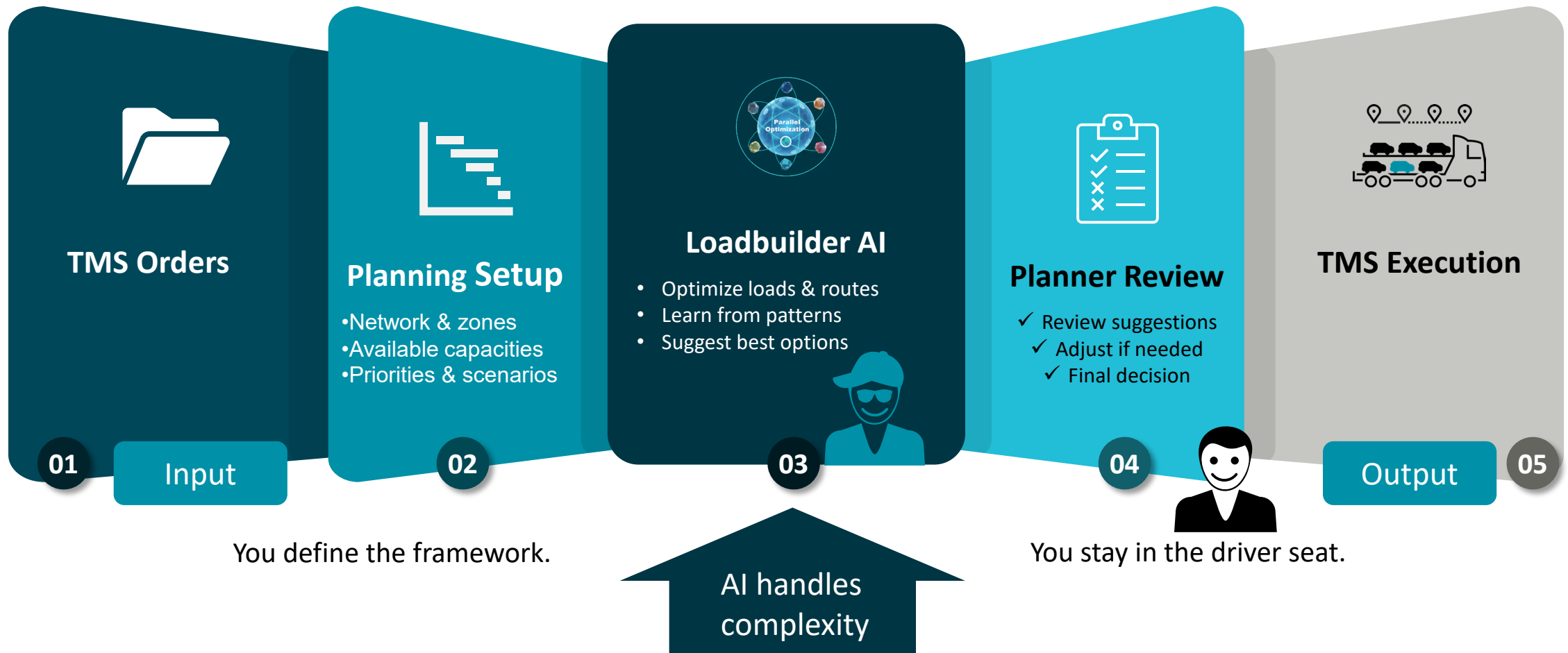


Co-Driver as Personal Assistant for different customers
with different requirements

- Efficient dealer pick-ups for used cars
- Damage reduction
- Maximized capacity utilization

Individualized training for each customer!

Loadbuilder AI: You define. AI optimizes. You decide.



Loadbuilder @ NVD



Loadbuilder @ NVD – Business Challenges

NVD's motivation to start with Loadbuilder:

- Consistency and high load factor
- define rules that are followed in the transport plan
(e.g. a dealer should not receive two deliveries with cars on the same day if all cars can fit on one truck)
- higher load factor with all users (new planners create good loads very quickly)
- allow the team to create plans as late as possible
before: plans are created longer into the future and had to be readjusted several times because new orders came in
- Avoid the Domino Effect



Loadbuilder @ NVD - Benefits

- Reduced key person dependency
- Add new customers and flows without the need to train new dispatchers
- Fast productivity for dispatch trainees
 - Savings of 250k€ through better loads and routes
(without Loadbuilder, a trainee's performance would be 50% that of an experienced Planner for 6 months)
- More efficient planning operation and less overtime
 - Savings of 30% of the FTE's for Planning activities
- Consistently optimized planning performance

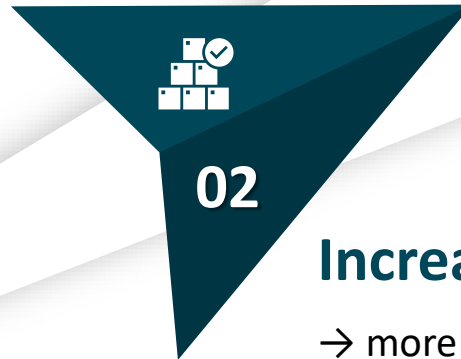


KPIs - Measurable Impact of AI in Vehicle Logistics



Efficient Routing

→ more turnover per km



Increased Transport Quality

→ more vehicles per transport



Optimized Stops

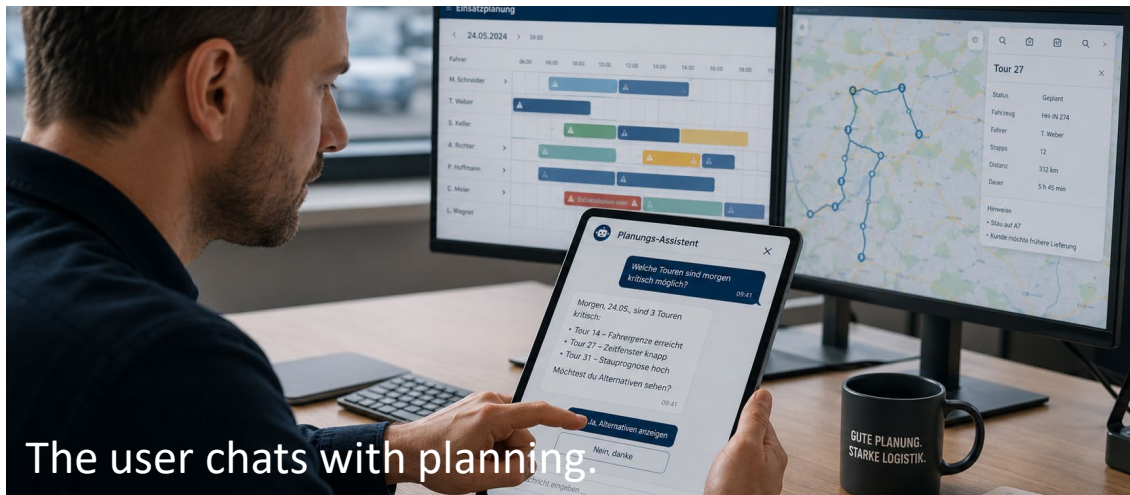
→ less stops per Tour



Vision: AI-based Planning in Vehicle Logistics

New ways of Interaction

- Planning per Chatbot instead of UI
- Properties adjustments via LLM
- Transport informationen on demand
- Transparency on planning decisions



The user chats with planning.

Dynamic, self-learning Planning

- Continuous re-optimization
- Dealing with adhoc changes
- Avoiding Domino effects
- Automatic adjustments to changing frameworks



Planning thinks ahead on its own



What planners notice immediately after
Loadbuilder AI goes live

»» I came back –
and the chaos was gone.

Returning planner, NVD

A sudden shift from reaction to control.



Loadbuilder AI.

Your Co-driver. Complex tours made easy.



Karsten Horn
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Vehicle Logistics

Meet me
on LinkedIn!

