

Smarter Stops for Smoother Routes

EPG Expands Greenplan with New Feature for Optimizing Fuel and Charging Stops

More efficient routes through smart fuel and charging planning: With the introduction of the *Fuel/Charge Stop Optimization* feature, EPG (Ehrhardt Partner Group) enhances its cloud-based route planning solution Greenplan with a powerful new tool. This feature strategically plans fuel and charging stops along a route—taking into account dynamic fuel prices, vehicle data, and route conditions. The goal: to reduce fuel costs, improve arrival time accuracy, and support the transition to electric mobility during ongoing operations—without requiring changes to existing systems.

In conventional operations, refueling is reactive. Drivers stop at the nearest station when the meter is low, regardless of cost or schedule impacts. For long-haul routes, price differences across regions can be drastic. For electric routes, the stakes are higher. Without careful planning, drivers' risk being stranded between sparse or busy charging points. Fuel/Charge Stop Optimization solves these challenges by identifying the most cost- and time-efficient stations to refuel or recharge along a route, factoring in fuel prices, station brand preferences, detour distances, battery ranges, and time windows.

Fuel/Charge Stop Optimization Builds on Greenplan's Route Optimization Strengths

Fuel/Charge Stop Optimization builds on the proven strengths of Greenplan's route optimization, which already helps EPG customers reduce transport costs by up to 20% and improve delivery punctuality to over 95%. The new feature now specifically targets fuel costs as an additional savings opportunity. At the same time, it addresses a key barrier to electrification: so-called "range anxiety." By factoring in charging speed, prices, station locations, and battery capacity, the solution makes electric routes more predictable, practical, and efficient.

Future-Proof for Mixed and Electric Fleets

The new feature is designed to support a wide range of fleet structures—from long-haul diesel or LNG-powered trucks to electric vans operating in urban environments. By simultaneously factoring in vehicle type, range, charging speed, and energy prices, both conventional and electric

routes can be planned in a single step. This makes Greenplan a vital tool for companies transitioning gradually to alternative drivetrains.

Seamless Integration

Fuel/Charge Stop Optimization is fully integrated into the Greenplan backend and can be connected to existing TMS, ERP, or telematics systems via REST API. Alternatively, the feature can also be accessed without in-house IT infrastructure via the Greenplan cloud interface. Dispatchers benefit from a central dashboard offering real-time insights into planned stops, cost metrics, and vehicle data. This makes the solution equally well-suited for international long-haul transport and high-frequency urban delivery routes in the CEP (Courier, Express, Parcel) sector.

By extending Greenplan with the Fuel/Charge Stop Optimization feature, EPG delivers a practical, ready-to-use solution that addresses several key challenges at once: rising energy costs, stricter CO₂ regulations, tight delivery windows, and the gradual shift toward alternative propulsion systems. The new feature empowers data-driven decision-making in transport planning, enabling logistics companies to boost operational efficiency and achieve environmental goals—without adding system complexity.

Status: 27.05.2025
Length: 3.374 characters incl. Spaces
Pictures: 3

EPG – Smarter Connected Logistics

EPG is a leading international provider of a comprehensive supply chain execution suite (EPG ONE™) and employs 1000+ people in 23 locations across the globe. The group of companies offers its more than 1,600 customers WMS, WCS, WFM, TMS and voice solutions for optimizing logistics processes – from manual to fully automated logistics environments. EPG's solutions cover the entire supply chain: from warehouse and road to ground and cargo handling solutions at airports. Logistics consulting, cloud services, managed services and logistics training in the company's own academy round off EPG's comprehensive range of solutions.

Company Contact

EPG – Ehrhardt Partner Group

Dennis Kunz

Tel.: (+49) 67 42-87 27 0

E-Mail: presse@epg.com • Internet: www.epg.com

Press Contact

Thor Riemschneider • BFOUND GmbH

Alte Römerstraße 3 • D-56154 Boppard-Buchholz

Tel.: (+49) 67 42-87 27 50 00 • Fax: (+49) 67 42-87 27 50

E-Mail: thor.riemschneider@bfound.com • Internet: www.bfound.com