

FACT SHEET

RANGE & ROUTE



Range & Route - A Transport Operations service in Volvo Connect

Volvo Connect is one single interface for your fleet and business where you can manage vehicles, trailers and all other assets of importance.

Making predictions for good productivity

The Range & Route service facilitates the adoption of electric vehicles to the existing business. Range & Route provides range and energy predictions of user-defined routes, based on each unique electric vehicle specification in the fleet. To optimize the vehicle usage and secure energy level to complete the mission, the service also offers support to plan loading, unloading and charging along the route.

The routes can be sent directly to the onboard navigation system in truck* and the routes can be monitored in real time, to assure that plans are fulfilled.



PRODUCTIVITY

- Predicts the energy usage and range for user-defined routes.
- Provides vehicle-unique predictions for energy consumption along a route, taking auxiliary energy consumers, goods weight and charging into account, supporting each vehicle to have sufficient energy to fulfil its mission.
- Real-time follow up to assure that the vehicle adheres to the defined route.
- Integrated into the onboard navigation to make it easy for the driver to follow the route that was defined in Volvo Connect*.

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Optimizing the utilization of electric vehicles

Electric vehicles add challenges to the planning and operation of the transport mission. Range & Route addresses this.

Based on a user-defined route with a set of waypoints, the range is predicted for each unique vehicle. User inputs on changes in goods weight along the route together with auxiliary consumers such as a garbage compactor or concrete mixer are considered in the range prediction. If needed, charging can be added to the plan to accomplish the route. The Range & Route service supports all Volvo electric vehicles.

Integrated with the onboard navigation system*



The electric vehicles can receive the route directly in the onboard navigation system. The driver is informed about the destination time for each waypoint and when charging is required. The vehicle's position is visualised in real time in Volvo Connect and the estimated time of arrival is presented for the next waypoint.

The onboard Sygic Navigation supports user-defined charging stations.

* Only available for Volvo FH Electric, Volvo FM Electric and Volvo FMX Electric.

Sales variants

SET-RRM	Range & Route, monthly subscription
SET-RR6M	Range & Route, six months prepaid subscription
SET-RR1	Range & Route, one year prepaid subscription
SET-RR2	Range & Route, two years prepaid subscription
SET-RR3	Range & Route, three years prepaid subscription
SET-RR4	Range & Route, four years prepaid subscription
SET-RR5	Range & Route, five years prepaid subscription