

Geo service specification

General information

Geo is an expansion of the fleet monitor (basic function which the customer obtains via Essentials) for which the goal is to provide the customer with a detailed overview of its vehicles' current locations. Other functions such as point of interest, geofences and route planning as well as a longer data storage period are also available.

Service overview:

Once the fleet vehicles have been set up in the RIO administration area on the RIO platform and the Geo service has been procured for the vehicles via the marketplace, the following Geo services can be used within the fleet monitor:

Functionality/data	MAN Truck	MAN Bus/Coach	MAN Van	Non-MAN vehicle (RIO Box in FMS mode)
Current vehicle position transmitted once every 15 minutes with the following data: <ul style="list-style-type: none"> - Location - Driver - Mileage - Speed - Tank level 	X	X	X	X
With connection: Data transfer to third-party systems	X	X	X	X
Data view <ul style="list-style-type: none"> - Choice between map and list view 	X	X	X	X
Route planning <ul style="list-style-type: none"> - Start/destination entry via address search or right click on map/vehicle - Inserting interim destinations - Support of standard truck sizes and customer-specific dimensions - With and without consideration of current/historical traffic disturbances - Toll cost calculation - Up to three route alternatives 	X	X	X	X

<p>Journey history</p> <ul style="list-style-type: none"> - Display of important events: first/last position, ignition on/off, geofence entry/exit, driver change, border crossings, PTO on/off, starting, stopping - Position display (standard position every 15 min, auxiliary positions every 30 sec) - Events in table view or map - Export function (CSV, Excel) - Transmission of 29 additional vehicle positions per 15 minutes - Extension of the storage period and data access of the Essentials service (cf. Essentials service description) for a maximum period of 25 months 	X	X	X	X
<p>Point of interest (POI) and geofence</p> <ul style="list-style-type: none"> - Create and display customer's own POI - Create and display round or polygonal geofences - Import function for POIs and round geofences via CSV - Filter for vehicles to be displayed in a geofence detail window on the map - MAN workshops and service partners as POI on the map 	X	X	X	X

Differences in the scope of data and functions compared to the RIO Box for customers with a TBM2 (on-board telematics module 2) installed in the vehicle:

- Transmission of the current vehicle position 1x per minute without the 2 additional positions for the journey history.
- Extension of access to and retention time of the data from the MAN Bridge service (cf. MAN Bridge service specification) for a maximum period of 25 months.
- All data and functions not listed here correspond to the scope of services for vehicles with the RIO Box.

Technical requirements

	MAN Truck	MAN Bus/Coach	MAN Van	Non-MAN vehicle (RIO Box in FMS mode)
Use of a RIO Box (provision not covered by the Service T&Cs)	X			
Alternatively: Use of a TBM2 with activated Service MAN Bridge, fitted as standard or retrofitted in accordance with MAN T1 (provision not covered by the Service T&Cs)	X Prerequisite: TBM2 with at least software version 3.2	X	X	X

The vehicle must be reachable via a radio connection for the configuration of the data transfer every 15 minutes and must have been successfully reconfigured. The radio connection can only be established when the ignition is switched on.

When using a TBM2: In order for the service to be effective, it is necessary for the vehicle to be reachable via a radio connection for the required configuration. The radio connection can only be established when the ignition is switched on. The manual system switchover can take several working days.

To be able to use Geo, the work place must be equipped as follows:

- Use of an Internet-capable device such as a computer (not provided by RIO) running the Windows 7 operating system or newer
- Internet browser (we recommend using the latest version of the following browsers: Google Chrome, Mozilla Firefox, Microsoft Internet Explorer, Microsoft Edge. We cannot guarantee unrestricted functionality if using other browsers).

Miscellaneous

The Geo service saves the data from the vehicle, starting from the last point at which the service was activated. If the service is deactivated in the meantime, the previously stored data will be retained for up to 25 months - new data in the course of the Geo service will not be generated and saved. Data will be saved again after Geo is activated again.