

Geo Data Flow service specification

General information

Geo Data Flow is a chargeable service that collects vehicle data and forwards it to third-party systems via interfaces.

Service overview:

Once the fleet vehicles have been set up in the RIO administration area on the RIO platform and the Geo Data Flow service has been procured for the vehicles via the Marketplace, the following Geo Data Flow services can be used for the various vehicle categories:

Service overview for vehicles with a RIO box

Functionality/data	MAN Truck	MAN Bus	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 - Mileage - Speed - Tank level 	X	X	X	X
Provision of data to third-party systems via interfaces.	X	X	X	X
Storage and provision of data to third-party systems for up to a maximum of 7 days.	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 current vehicle position once per minute.



LOGISTIK IM FLUSS.

Service overview for vehicles with third-party hardware

Users can also connect third-party hardware to the RIO platform and then forward it via the RIO interface. For this purpose, the Mixed Fleet Bridge service must be booked for these vehicles. For more information, please refer to the T&Cs and service specification of the Mixed Fleet Bridge.

Functionality/data	Vehicles with third-party hardware
Provision of data to third-party systems via interfaces.	X
Storage and provision of data to third-party systems for up to a maximum of 7 days.	X

Technical requirements

To be able to use Geo Data Flow via the RIO box, vehicles must be equipped as follows:

	MAN Truck	MAN Bus	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 corresponding RIO interface must be integrated in the third-party system. This integration is carried out by the user or its partner. TBDS does not carry out the integration of the RIO interface in the third party system.	X	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 use Geo Data Flow by means of third-party hardware, the following conditions must be met:

	Vehicles with third-party hardware
The user has booked the respective service of the third party provider and accepted its T&Cs.	X
The user has booked the Mixed Fleet Bridge.	X
The corresponding RIO interface must be integrated in the third-party system. This integration is carried out by the user or its partner. TBDS does not carry out the integration of the RIO interface in the third party system.	X

To be able to use Geo Data Flow, 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).