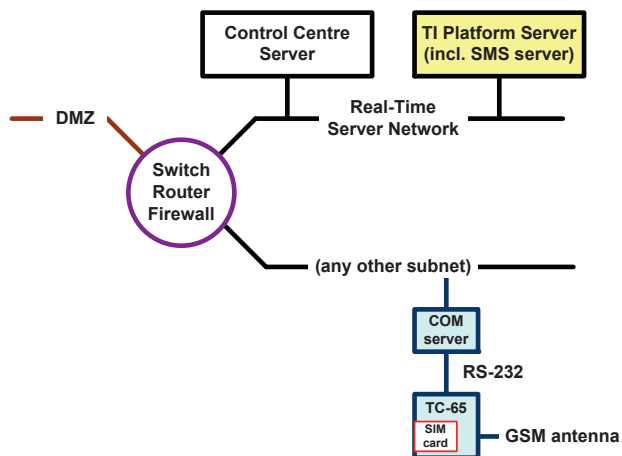


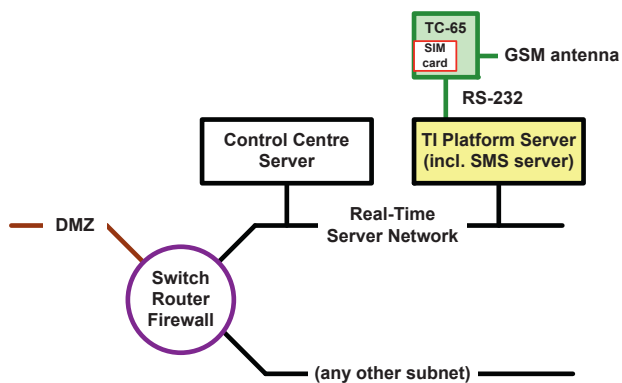
SMS Service (SMSS)

How the SMS Service works

Alternative A:
*GSM modem deployed with COM server
 (requires no GSM reception in server room)*



Alternative B:
*GSM modem connected to TI Server
 (requires GSM reception in server room)*



The SMS Service has an intuitive dialogue system for calling up current predictions in the form of SMS text messages on a mobile phone. Thereby, real-time predictions are made accessible also for travellers who do not own a smartphone.

Integration in the control centre software ensures that in addition to the predictions, also the general special texts and special route and trip texts are displayed.

As far as available at the control centre (e.g. obtained from a real-time VDV interface), predictions can be provided also for 3rd-party vehicles.

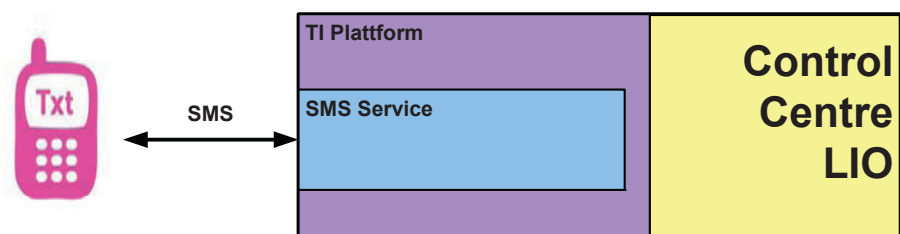
The operation is simple and intuitive. The user sends an SMS text containing the following information:

1. the stop or stop point identification
 (short name from the data supply)
2. (optional) the route
3. (optional) the time

He sends this SMS text to the phone number of the GSM modem. The Trapeze SMS Service deals with the query and sends a reply:

- Normally this will be a list of the next departures (possibility filtered according to the route and referred to the time).
- If there are several possibilities, the answer consists in a list of the various stops.

SMS Service (SMSS)



To prevent abuse,

- it is possible to configure the maximum number of queries to be answered per phone number.
- phone numbers can be blocked in a configurable "black list".

Connection alternative A is used if GSM reception is not possible in the server room. Otherwise alternative B is used.

Alternatives A and B can receive and answer up to 300 SMS queries per hour. If higher volumes are expected, Trapeze will be open to discuss alternative approaches to setting up the SMS solution.

Advantages of the Traveller Information Platform

The Traveller Information Platform offers the following advantages:

- fully integrated in the Trapeze control system: all DPI displays and their status are visible for the dispatcher together with the current contents
- display of information about own and third-party vehicles (multi-modality)
- broadcasting identical information (consistency) through all supported channels (WDF sign, PC-based and mobile internet, SMS)

Requirements

The transport company concludes a contract with a mobile phone operator in order to use the Trapeze SMS Service. One SIM card is needed for the GSM modem (with suitable SMS price plan).

Availability

The Trapeze SMS Service can be used from system release 2012-Q1 (others on request).

Product Information

SMS Service (SMSS)