

ITS DEPLOYMENT GUIDELINES

FACT SHEET - UPDATE 2015

Co-Modal Traveller Information Services

Co-modal traveller information services offer in parallel comparative information of different modes / means of transport (multi-modal) and / or the combination of different modes / means of transport within the same route (inter-modal). The services offer information for at least public transport, car transport and usually pedestrian and bicycle transport. Co-modal traveller information services can foster a modal shift towards reputed more environmental-friendly modes / means of transport and lead to a more efficient network operation as well as a better utilization of the transport infrastructure. The end users are enabled to select an appropriate and efficient mode / means of transport or an inter-modal combination of different transport modes / means. Thus the end users receive comprehensive information on alternative routes (including different means of transport) and the public mobility as a whole is facilitated.

European challenges regarding co-modal traveller information

European challenges regarding co-modal traveller information services concern the service coverage (geographical and time availability), their continuity across corridors and TEN-T network interfaces as well as their language-independence characteristics.

The basis for the services are a well-defined common or at least interoperable geo-referencing system, an integrated data model, data formats and an appropriate definition of exchange protocols which enable the integration of various data from different sources for co-modal service applications. A further important task is the harmonisation of the look & feel of the services.

Existing deployments and traveller information requirements across Europe are currently heterogeneous whilst differences in

national policies and investment strategies will guide future deployment. By defining the Levels of Service and criteria future deployments can be made in line with this progression towards greater European harmonisation of service levels. Recommendations are given to provide this service in a more European context.

Many aspects of co-modal services will be affected by the upcoming regulation about EU-wide multimodal travel information services. This will concern the data sources, mandatory publications and non-road data. At the time of update only a draft of this regulation was available.

Approach of the Deployment Guideline

This deployment guidelines main focus is to provide the necessary basis for the harmonisation of especially **web based co-modal traveller information services**. The guideline does neither handle

co-modal services for goods transports nor co-modal information systems as part of the motorway infrastructure (e.g. VMS showing Park & Ride information).

Standards and Agreements

The Deployment Guideline lists different standards and agreements regarding Co-modal Traveller Information Services. These services require the co-operation of actors from a wide range of different transport modes. The actors can be public and private. Static data sources are required, e.g.: road / public transport network data, travel times, timetables for scheduled means of

transport (short/long-distance), databases for evaluating environmental impacts of different means of transport / types of vehicle, maps. Also suitable dynamic data can be used e.g.: road works, incidents, cancellations or deviations of public transport trips.

Organisational Requirements

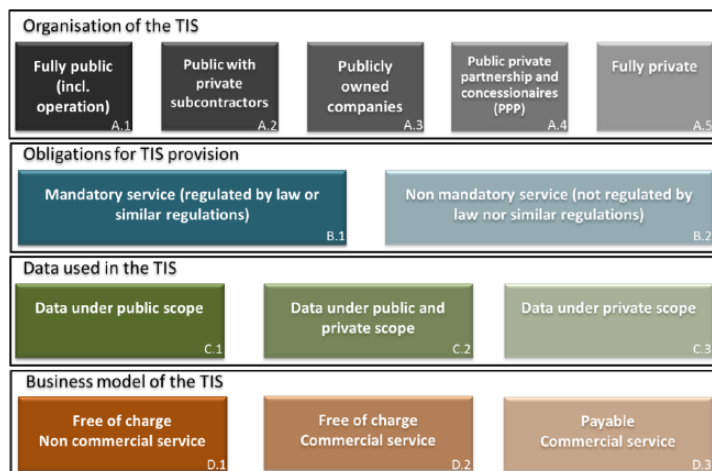
The Deployment Guideline proposes a structure on organisational issues regarding the provision of these kinds of services. The first important question is, if a service is being provided on a commercial basis and what kind of organisation takes responsibility for the service.

Together with that the business model of the service is vital. Another very important question is, if the service provision is being regulated by law and if it is a mandatory service. Finally the data used for the service is a crucial aspect.

ITS DEPLOYMENT GUIDELINES

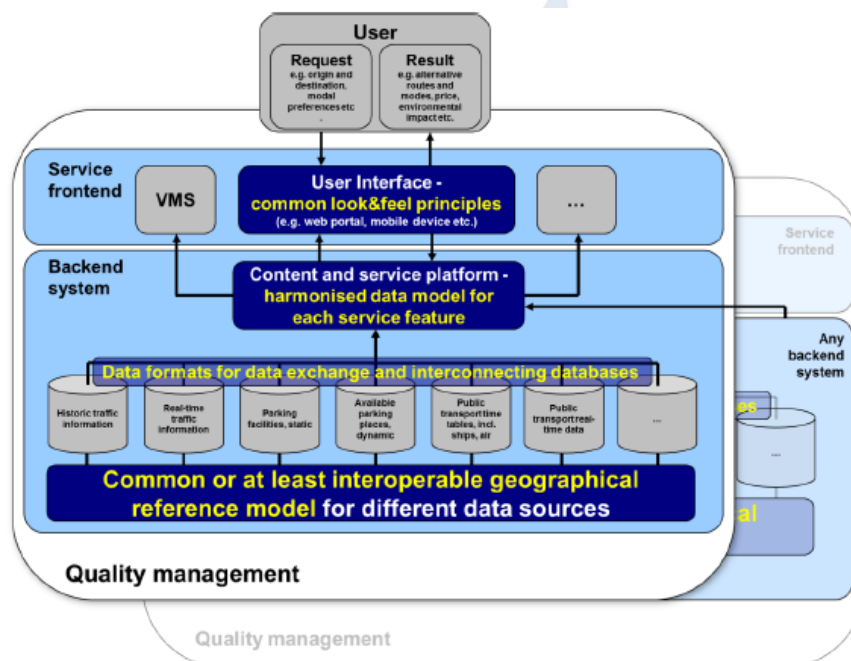
FACT SHEET - UPDATE 2015

The following figure compiles all these aspects and enables an organisational characterisation of each service. The organisational setup has a high influence on the implementation.



Functional architecture

The Deployment Guideline also proposes a harmonized high-level functional architecture and a characterization of the organization requirements.



Common Look & Feel

The Deployment Guideline proposes a harmonised common look & feel for co-modal traveller information services. Most of these services are designed for the internet. These internet applications developed their own user interface which is normally oriented at market leaders in the specific domains the service

offers, e.g. map navigation oriented on market leaders. The following chapters are oriented on highly sophisticated services and market leaders and are the basis for the elaboration of co-modal services with a common look & feel.

Further Information

dg.its-platform.eu

Questions and help

dg.its-platform.eu/user-support



www.its-platform.eu

EIP+ is supported by the European Commission's Directorate Mobility and Transport