

TPS.integrate

Provision of Mobility Data for Sales and Distribution Systems



TPS.integrate is a powerful tool to integrate scheduling data across several mobility providers. Transportation companies can enrich their own data and provide comprehensive travel information to their customers.

TPS.integrate closes the gap between planning own timetables and providing integrated mobility data to customer information systems, such as journey planners or ticketing systems. The software specializes in collecting and processing timetable data as well as any information regarding on-demand services and MaaS providers, feeding optimized and harmonized data along the entire travel chain to internal systems.

Prepare your own timetable

In many cases, the data from the planning system does not contain all commercially relevant information for sales and distribution. TPS.integrate allows to add these missing attributes and properties to your own data. This can be done automatically with service refinement rules or manually with a bulk editing feature.

Add timetables from other providers

Combine your own timetable data with other operators to provide seamless travel chains to your passengers. Users can for example add trains from foreign railways or integrate bus, tram and subway data from multiple suppliers. Flexible automation processes and a powerful user interface assist the user with all integration tasks.

The software supports multiple data formats including the standards NeTEx and GTFS.

Ensure high-quality data

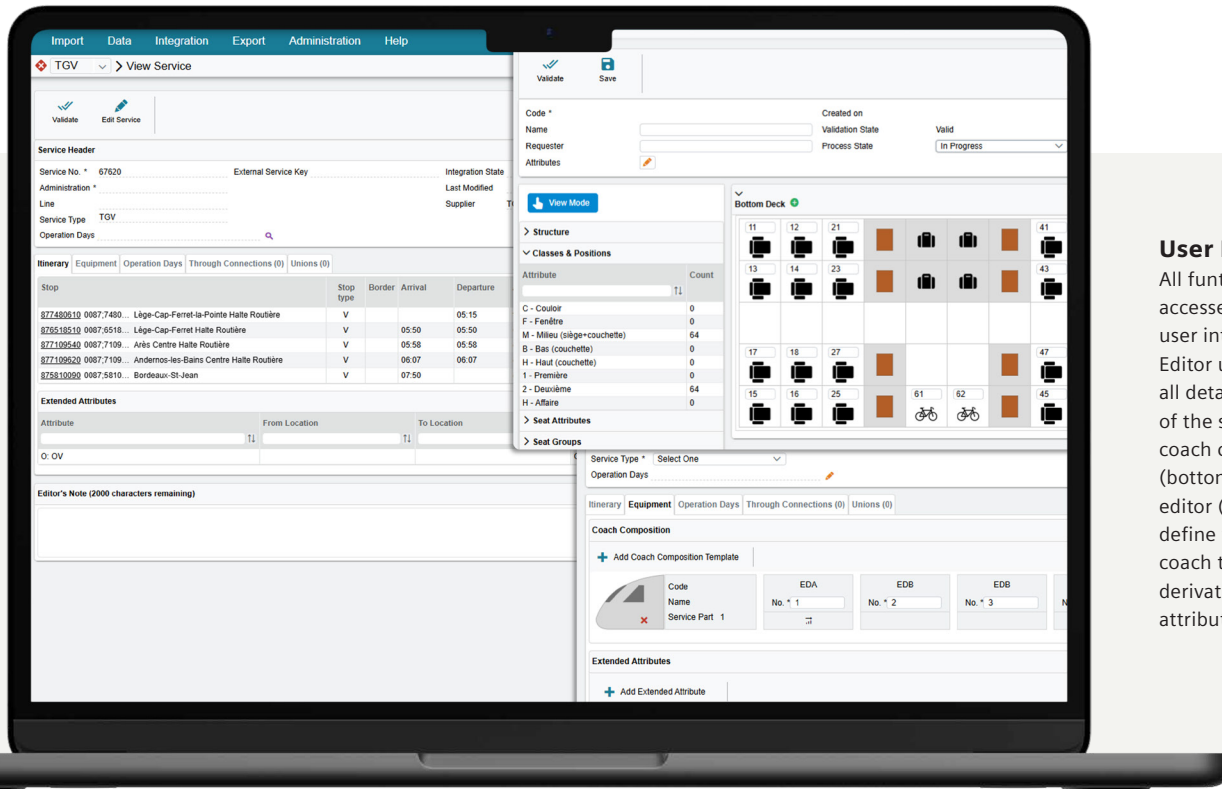
TPS.integrate provides validated and consistent timetable data, which forms the basis for passenger information and sales systems.

Customers



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User Interface

All functionalities can be accessed via our web-based user interface. With the Service Editor users can view and edit all details of a service (left part of the screen), including the coach composition of a train (bottom right). The coach editor (upper right) allows to define the layout of different coach types which enables the derivation of commercial attributes.

Features TPS.integrate

- Process data in various formats (including HAFAS, GTFS, NeTEx, MERITS-EDIFACT).
- Create rules that automatically add missing information like "reservation is required", "bicycle transport possible" to trains or buses.
- Use the bulk editing function to modify trains and buses in one step: Add stops, change times, apply a different route only for specific days (e.g. in case of construction works).
- Use a rule-based approach to build a merged cross-border train from several national deliveries.
- Harmonize, integrate and optimize stops and stations as well as attributes or service types of different data suppliers. Add missing properties easily with in-built editors.
- Export the integrated data to multiple stakeholders, in different data formats and periods.

Quality Validation

High data quality is essential for effective processes and operations. TPS.integrate makes it easy to check and enhance the data quality for your services. The validation includes:

- Syntax and consistency
- Plausibility (e.g. relevant changes of coordinates)
- Semantic checks (e.g. speed and ascending times)



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about
TPS.integrate

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