



EU Standards Development

December 2020

SIRI

Changes to the schema for all parts (1 to 5) of the standard have nearly all been completed and are available on the *github* site: <https://github.com/SIRI-CEN/SIRI>

Documentation is now being updated to reflect the many changes made.

V2.1 is expected to be submitted to CEN in early 2021 for approval, the process for which will take >6 months, but the revised schema can be used for those who need the changes and enhancements. Draft documentation can be made available on request once its available.

V2.1 includes:

- ‘Alternative Modes’, in particular car sharing, cycle sharing, carpooling, car/cycle rental.
- SX structures updated to reflect implementation experience and changes to TPEG structures and align with a customer friendly: Reason, Consequence, Advice.
- Revised handling of occupancy, it is now much richer and supports mapping to GTFS at its high level but also down to a very detailed representation of occupancy by coach, zone and ticket type.
- Improves filtering to reduce data volumes when using subscriptions.
- Many rail related changes to handle train composition and complex continental rail station environments.

TPEG

This is a road standard but includes some public transport information constructs in particular for disruptions. The PT disruptions element has been updated to reflect changes to the road disruption structure. These changes are already reflected within SIRI through the relaxed linkage in SIRI v2.1

NeTEx

This is being updated to handle ‘Alternative Modes’, in particular car sharing, cycle sharing, carpooling, car/cycle rental.

Data4PT

The DATA4PT project aims to advance data-sharing practices in the public transport sector by supporting the development of data exchange standards and models, to fulfil the needs of multimodal travel information service providers.

By supporting EU Member States in deploying a set of harmonised European public data standards (Transmodel, NeTEx and SIRI), DATA4PT wants to enable union-wide multimodal travel information services and contribute to a seamless door-to-door travel ecosystem across Europe that covers all mobility services.

The objectives of Data4PT are:

- Support the technical development of Transmodel, NeTEx and SIRI to fulfil the needs of multimodal travel information service providers;
- Conduct technical artefact maintenance;
- Develop data validation tools and test platforms;
- Conduct required updates for all standards;
- Assist the development of National SIRI profiles;
- Facilitate the operational use of Transmodel, NeTEx and SIRI standards by Public Transport Operators and Public Transport Authorities;
- Exchange of best practices among member states;
- Develop the Transmodel, NeTEx and SIRI end-user community through dissemination actions;
- Build a long term sustainable governance and business model.

Because the Data4PT project is being run with EU funding the UK is not able to participate directly. It does however have UK experts working within the project.

The material that is publicly available we can use in the UK to help with adoption and use to reflect the UK specific requirements.

More information:

<https://data4pt-project.eu/>