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Public transport — Reference data model

Part 9: Informative documentation

National foreword

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CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

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European foreword

This document (CEN/TR 12896-9:2016) has been prepared by Technical Committee CEN/TC 278 “Intelligent transport systems”, the secretariat of which is held by NEN.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CEN [and/or CENELEC] shall not be held responsible for identifying any or all such patent rights.

The Transmodel v6 series is composed of the following documents:

- Public Transport Reference Data Model - Part 1: Common Concepts
- Public Transport Reference Data Model - Part 2: Public Transport Network
- Public Transport Reference Data Model - Part 3: Timing Information and Vehicle Scheduling
- Public Transport Reference Data Model - Part 4: Operations Monitoring and Control*
- Public Transport Reference Data Model - Part 5: Fare Management*
- Public Transport Reference Data Model - Part 6: Passenger Information*
- Public Transport Reference Data Model - Part 7: Driver Management*
- Public Transport Reference Data Model - Part 8: Management Information and Statistics*

(* - these Parts are not yet published)

Together these eight Parts create version 6 of the European Standard EN 12896, known as “Transmodel” and thus replace Transmodel V5.1.

The split into eight Parts intends to ease the task of users interested in particular functional domains. Modularisation of Transmodel, undertaken within the NeTeX project, has contributed significantly to this new edition of Transmodel.

This informative document provides supplementary information to that contained in the formal European Standard to help those implementing the Standard.

1 Scope

This Technical Report documents further information related to parts 1, 2 and 3 of version 6 of the "Public Transport – Reference Data Model" (Transmodel) European Standard, EN 12896. This Technical Report will be extended and re-published with additional information when Parts 4, 5, 6, 7, and 8 of the Transmodel standard are published in due course.

The various sections of the document provide

- A Complete Data Dictionary (merging and extending the information contained in each separate Part of the Standard that has been published to date) [Clause 2];
- An overview of the whole of Transmodel to provide an understanding of how the model is structured and how each component model links with other components [Clause 3];
- A set of Frequently Asked Questions to help those new to Transmodel to understand the basics of the Reference Data Model [Clause 4];
- An outline of the main questions which are addressed in a separate web-based on-line tutorial (that itself will be updated from time to time in the light of feedback received from users of the Standard) [Clause 5];
- An Annex providing a table which shows the evolution of the terms used in Transmodel v6 from the previous Transmodel v5.1 and IFOPT European Standards and from the NeTEx Technical Specification [Annex A].