Technical Specification

ISO/TS 14812

Intelligent transport systems — Vocabulary

Systèmes de transport intelligents — Vocabulaire

Second edition
2025-06

Reference number
ISO/TS 14812:2025(en)

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Published in Switzerland

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*.

This second edition cancels and replaces the first edition (ISO/TS 14812:2022), which has been technically revised. The main changes are as follows:

— the following terms and groups of terms have been modified:

  — information security terms (3.1.14);

  — connected vehicle roadside equipment (3.2.3.3);

  — connected vehicle (3.2.3.7);

  — device component terms (3.2.10);

  — carriageway (3.3.1.5);

  — single carriageway (3.3.1.7);

  — dual carriageway (3.3.1.8);

  — multiple carriageway (3.3.1.9);

  — motorway (3.3.1.21);

  — physical traffic separator (3.3.2.1);

  — kerb (3.3.2.4);

  — footpath (3.3.3.3);

  — sidewalk (3.3.3.4);

  — escalator (3.3.3.5);

- moving walkway (3.3.3.6);
- pedestrian crossing (3.3.3.7);
- shared space (3.3.3.8);
- block-face (3.3.3.9);
- alley (3.3.5.11);
- road identifier (3.3.5.12);
- service road (3.3.5.13);
- service alley (3.3.5.14);
- facility terms (3.3.7);
- kerbside usage terms (3.3.8);
- road equipment terms (3.3.9);
- geographic feature (3.4.1.7);
- point destination (3.4.1.8);
- area destination (3.4.1.9);
- coordinate tuple (3.4.1.10);
- point coordinates (3.4.1.11);
- network location (3.4.2.8);
- geographic descriptor (3.4.2.9);
- infrastructure descriptor (3.4.2.10);
- jurisdictional terms (3.4.3);
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- vehicle registration plate identifier (3.7.2.8);
- gross vehicle mass (3.7.2.9);
- gross vehicle mass rating (3.7.2.10);
- payment terms (3.8.1).

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

The definitions found in this document have been formulated in accordance with ISO International Standards such as ISO 704 and are based on a consistent concept model. It is recognized that the contents of this document are not exhaustive and that terminology evolves over time.

In most cases, the definitions provided within this document are suitable for general application throughout intelligent transport systems (ITS). In those circumstances where a term is intended for a specific domain of discourse or where the term can be used in multiple domains, the intended context is indicated at the beginning of the definition as bracketed text (e.g. "<ITS-S>").

In addition to a Bibliography, this document provides an index that provides an alphabetical listing of all preferred, admitted and deprecated terms contained in this document.

Other standardization groups and organizations are encouraged to adopt the terminology in this document to promote better understanding of terms among ITS professionals worldwide. The terms and definitions contained within this document can be searched online at ISO's Online Browsing Platform available at https://www.iso.org/obp.

Additional related terms can be found in ISO/IEC/IEEE 24765.