Intelligent Transport Systems (ITS);
Users and applications requirements;
Part 1: Facility layer structure, functional requirements and specifications;
Release 2
## Contents

Intellectual Property Rights.............................................................................................................4
Foreword..................................................................................................................................................4
Modal verbs terminology..........................................................................................................................4

1 Scope ..................................................................................................................................................5

2 References .........................................................................................................................................5
2.1 Normative references ....................................................................................................................5
2.2 Informative references.....................................................................................................................5

3 Definition of terms, symbols and abbreviations.............................................................................5
3.1 Terms ..............................................................................................................................................5
3.2 Symbols .........................................................................................................................................5
3.3 Abbreviations .................................................................................................................................5

4 Use of references and numbering in Release 2 specifications.........................................................6

5 Normative Provisions........................................................................................................................6

History ..................................................................................................................................................7
Intellectual Property Rights

Essential patents

IPRs essential or potentially essential to normative deliverables may have been declared to ETSI. The declarations pertaining to these essential IPRs, if any, are publicly available for ETSI members and non-members, and can be found in ETSI SR 000 314: "Intellectual Property Rights (IPRs); Essential, or potentially Essential, IPRs notified to ETSI in respect of ETSI standards", which is available from the ETSI Secretariat. Latest updates are available on the ETSI Web server (https://ipr.etsi.org/).

Pursuant to the ETSI Directives including the ETSI IPR Policy, no investigation regarding the essentiality of IPRs, including IPR searches, has been carried out by ETSI. No guarantee can be given as to the existence of other IPRs not referenced in ETSI SR 000 314 (or the updates on the ETSI Web server) which are, or may be, or may become, essential to the present document.

Trademarks

The present document may include trademarks and/or tradenames which are asserted and/or registered by their owners. ETSI claims no ownership of these except for any which are indicated as being the property of ETSI, and conveys no right to use or reproduce any trademark and/or tradename. Mention of those trademarks in the present document does not constitute an endorsement by ETSI of products, services or organizations associated with those trademarks.

DECT™, PLUGTESTSTM, UMTSTM and the ETSI logo are trademarks of ETSI registered for the benefit of its Members. 3GPP™ and LTE™ are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners. oneM2M™ logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners. GSM® and the GSM logo are trademarks registered and owned by the GSM Association.

Foreword

This Technical Specification (TS) has been produced by ETSI Technical Committee Intelligent Transport Systems (ITS).

The present document is part 1 of a multi-part deliverable covering the ITS applications and facilities layer, as identified below:

Part 1: "Facility layer structure, functional requirements and specifications; Release 2";

Part 2: "Applications and facilities layer common data dictionary; Release 2".

Modal verbs terminology

In the present document "shall", "shall not", "should", "should not", "may", "need not", "will", "will not", "can" and "cannot" are to be interpreted as described in clause 3.2 of the ETSI Drafting Rules (Verbal forms for the expression of provisions).

"must" and "must not" are NOT allowed in ETSI deliverables except when used in direct citation.
1  Scope

The present document is the baseline for the definition of the Release 2 functional architecture for the facilities layer of the ITS station.

2  References

2.1  Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

Referenced documents which are not found to be publicly available in the expected location might be found at https://docbox.etsi.org/Reference/.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are necessary for the application of the present document.

[1] ETSI TS 102 894-1 (V1.1.1): "Intelligent Transport Systems (ITS); Users and applications requirements; Part 1: Facility layer structure, functional requirements and specifications".

2.2  Informative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

NOTE: While any hyperlinks included in this clause were valid at the time of publication, ETSI cannot guarantee their long term validity.

The following referenced documents are not necessary for the application of the present document but they assist the user with regard to a particular subject area.

Not applicable.

3  Definition of terms, symbols and abbreviations

3.1  Terms

For the purposes of the present document, the terms given in ETSI TS 102 894-1 [1] apply.

3.2  Symbols

For the purposes of the present document, the symbols given in ETSI TS 102 894-1 [1] apply.

3.3  Abbreviations

For the purposes of the present document, the abbreviations given in ETSI TS 102 894-1 [1] apply.
4 Use of references and numbering in Release 2 specifications

TC ITS specifications are developed in Releases and each Release needs to be self-consistent. The following rules apply:

- All Release 2 deliverables have a version 2.Y.Z.
- "Release 2" appears at the end of the title.
- A non-specific reference to an ETSI technical specification or technical report implicitly refers to the latest version of that document in Release 2.
- A Release 2 Technical Specification published with version 2.0.0 includes the same normative provisions as the latest version of the same Technical Specification in Release 1.

5 Normative Provisions

ETSI TS 102 894-1 [1] shall apply altogether.
### History

<table>
<thead>
<tr>
<th>Document history</th>
</tr>
</thead>
<tbody>
<tr>
<td>V1.1.1</td>
</tr>
<tr>
<td>V2.0.0</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>