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# **Intelligent transport systems — Communications access for land mobiles (CALM) — ITS station management —**

## **Part 2: Remote management of ITS-SCUs**

*Systèmes intelligents de transport — Accès aux communications des  
services mobiles terrestres (CALM) — Gestion de la station ITS —*

*Partie 2: Gestion à distance des SCUs-ITS*



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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 documents 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](http://www.iso.org/directives)).

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights. Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see [www.iso.org/patents](http://www.iso.org/patents)).

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation on the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the WTO principles in the Technical Barriers to Trade (TBT) see the following URL: [Foreword - Supplementary information](#)

The committee responsible for this document is ISO/TC 204, *Intelligent transport systems*.

This first edition, together with ISO 24102-1, ISO 24102-3, ISO 24102-4, ISO 24102-5 and ISO 24102-6, cancels and replaces ISO 24102:2010, which has been technically revised.

ISO 24102 consists of the following parts, under the general title *Intelligent transport systems — Communications access for land mobiles (CALM) — ITS station management*:

- *Part 1: Local management*
- *Part 2: Remote management of ITS-SCUs*
- *Part 3: Service access points*
- *Part 4: Station-internal management communications*
- *Part 5: Fast service advertisement protocol (FSAP)*
- *Part 6: Path and flow management*

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## Introduction

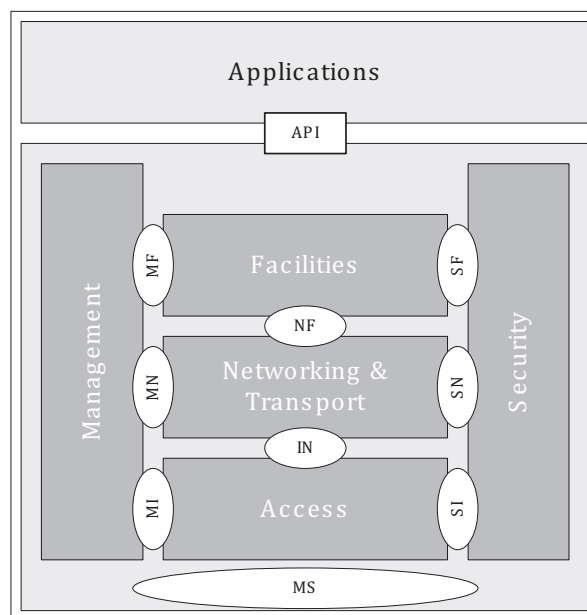
This part of ISO 24102 is part of a family of International Standards for communications access for land mobiles (CALM). An introduction to the whole set of International Standards for Intelligent Transport Systems (ITS) is provided in ISO 21217.

This part of ISO 24102 is the second part of a multipart International Standard which determines remote management of an ITS station unit (ITS-SU) with the ITS station and communication architecture specified in ISO 21217 and illustrated in [Figure 1](#), and operated as a bounded secured managed domain (BSME).

Remote ITS station management has the purpose of

- setting, updating, and deletion of configuration and operation information in an ITS station communication units (ITS-SCU) of an ITS station unit (ITS-SU) specified in ISO 21217, e.g. information on policies and regulations, security related information, accounting information, access layer parameters (see Reference [1]),
- installation, update, and deinstallation of persistent information in an ITS-SCU, e.g. ITS-S application processes specified in ISO 21217, ITS-S communication protocols, and
- notification and retrieval of management information, e.g. log files of events, alarms generated by the ITS-SCU(s) of an ITS-SU.

By this, it covers the five management areas identified in ISO/IEC 7498-4.



**Figure 1 — ITS station reference architecture**