First edition
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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

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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).

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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*

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.

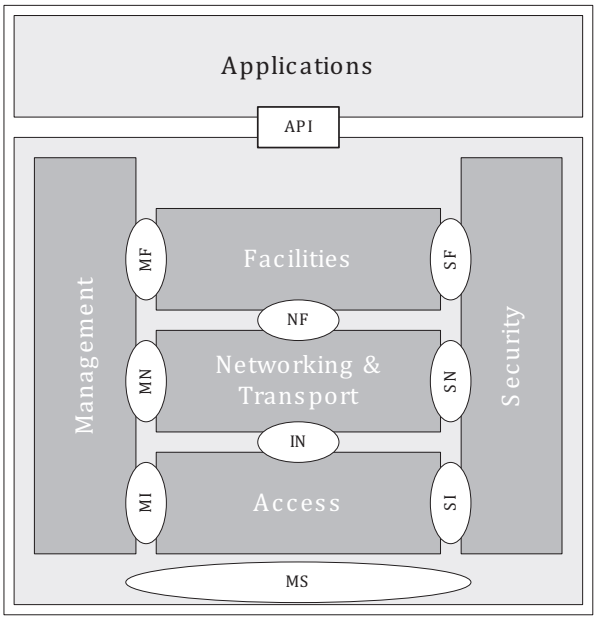

Figure 1 — ITS station reference architecture