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Intelligent transport systems — System architecture, taxonomy and terminology — Procedures for developing ITS deployment plans utilizing ITS system architecture

Systèmes intelligents de transport — Architecture, taxinomie et terminologie des systèmes — Procédures pour développer des plans de déploiement ITS en utilisant une architecture 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.

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In exceptional circumstances, when a technical committee has collected data of a different kind from that which is normally published as an International Standard ("state of the art", for example), it may decide by a simple majority vote of its participating members to publish a Technical Report. A Technical Report is entirely informative in nature and does not have to be reviewed until the data it provides are considered to be no longer valid or useful.

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ISO/TR 24098 was prepared by Technical Committee ISO/TC 204, *Intelligent transport systems*.

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Introduction

This Technical Report was developed by ISO/TC 204, WG 1, *Architecture*, in order to provide a procedure for developing Intelligent Transport System (ITS) deployment plans utilizing ITS system architectures.

It is well perceived in the ITS community that understanding the system architecture is significant for the realization of ITS, which extends over wide areas on service domains, system sizes, and relating stakeholders and users. Those who deploy ITS systems within a specific region need to consider the coverage area, as well as existing inventories.

This Technical Report facilitates the introduction of ITS at regional levels through the development of the ITS deployment plans by utilizing regional ITS architectures.

Examples of ITS deployment guidelines are given in Annex A.