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Intelligent transport systems — System architecture, taxonomy and terminology — Using XML in ITS standards, data registries and data dictionaries

Systèmes intelligents de transport — Architecture, taxinomie et terminologie des systèmes — Usage de XML dans les normes, registres de données et dictionnaires de données, en 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. www.iso.org/directives

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The committee responsible for this document is ISO/TC 204, *Intelligent Transport Systems*.

This second edition cancels and replaces the first edition (ISO 24531:2006). Clause 7 onwards has been technically revised.

Introduction

As the exchange of information via the internet and other wired and wire-free networks develops and expands, the use of XML (Extended Mark-up Language) and its variants continues to grow and develop.

XML will be an important tool in the development and operation of “Intelligent Transport Systems” (ITS) services.

However, within XML and its variants there are options. In order to obtain maximum benefit, interoperability and re-use of data within the ITS sector, it is important to implement XML and its variants in a consistent manner.

This International Standard provides definitions of how to use XML and its variants in a consistent and interoperable manner within the ITS sector.