FINAL DRAFT
International Standard

ISO/FDIS 13209-4

Road vehicles — Open Test sequence eXchange format (OTX) —

Part 4: Expanded extensions interface definition

Véhicules routiers — Format public d'échange de séquence-tests (OTX) —

Partie 4: Définition de l'interface des extensions étendues

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Phone: +41 22 749 01 11
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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 document 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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This document was prepared by Technical Committee ISO/TC 22, Road vehicles, Subcommittee SC 31, Data communication.

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This second edition cancels and replaces the first edition (ISO 13209-4:2021), which has been technically revised.

The main changes are as follows:

ISO/FDIS 13209-4
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— **ComInterface** extension: added ability to select interfaces and control security access for DoIP, harmonized order of the **ConnectionStates** enumeration;

— **DataType** extension: added initialization of Structures, StructureLiterals and addition of MIME types for Resource Locations;

— **DiagComPlus** extension: added terms to access timestamps for Requests and Responses, and support of Inline-Mapping outside of diagnostic services. Harmonized order of the **ComChannelState** enumeration;

— **DiagDataBrowsingPlus** extension: **IsDiagTroubleCodeParameter** term added;

— **EcuConfiguration** extension: completely re-designed for a more generic approach to accessing configuration data;

— **FlashPlus** extension: new action **TransferSegment** added;

— **Util** extension: new term **EscapeToRegularExpression** added;

— **StateVariable** extension: state variables modified from Write-only to No-reading across documents. The whole extension is DEPRECATED!

— **XML** extension: New Action **ValidateXMLFromByteField** added;

— Correction and clarification of the documentation text in all extensions.

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This edition is not backward compatible with the previous one, because terms are deleted and term parameters are modified.

The incompatible changes are as follows:

— **ExternalServiceProvider** extension: parameter **providerType** added to **GetServiceProviderFromEvent,** to ensure type safety.

Additionally the following new extensions are introduced:

— **Range;**

— **EcuStateChart.**

A list of all parts in the ISO 13209 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

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