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IEC TR 63038

Edition 1.0 2016-07

TECHNICAL REPORT

Conceptual model of standardization for multimedia car systems and equipment

INTERNATIONAL
ELECTROTECHNICAL
COMMISSION

ICS 33.160.60; 43.040.10

ISBN 978-2-8322-3521-8

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

CONCEPTUAL MODEL OF STANDARDIZATION FOR MULTIMEDIA CAR SYSTEMS AND EQUIPMENT

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IEC TR 63038, which is a technical report, has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this technical report is based on the following documents:

Enquiry draft	Report on voting
100/2628/DTR	100/2692/RVC

Full information on the voting for the approval of this technical report can be found in the report on voting indicated in the above table.

This publication has been drafted in accordance with the ISO/IEC Directives, Part 2.

The committee has decided that the contents of this publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
- amended.

A bilingual version of this publication may be issued at a later date.

INTRODUCTION

This document is initiated by the study session 5 in TC 100/AGS and made by stage 0 project, PT100-9. The study session 5 was formed to study car related issues of TC 100, the study session 5 proposed stage 0 project, it was approved and assigned as PT 100-9.

The equipment and systems under the scope of TC 100 are firstly used in residential domains such as in home, school, office, etc. And now these are used in mobile domains such as in car, train, airplane, ships and with individuals as movable, carryable or wearable device. These new domains require different specifications from the conventional residential domains.

PT100-9 focuses on the car domain. As a preliminary, this document provides an example of the conceptual model of car related issues under the scope of TC 100, and then it details possible standardization items that are car related.

CONCEPTUAL MODEL OF STANDARDIZATION FOR MULTIMEDIA CAR SYSTEMS AND EQUIPMENT

1 Scope

This document specifies the conceptual model of multimedia systems and equipment utilized for cars and describes possible standardization items.

2 Normative references

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

IEC TR 61998:2015, *Model and framework for standardization in multimedia equipment and systems*

IEC TS 62045-1:2006, *Multimedia security – Guideline for privacy protection of equipment and systems in and out of use – Part 1: General*

IEC 62227:2008, *Multimedia home server systems – Digital rights permission code*
IEC 62227:2008/AMD1:2012

IEC 62443 (all parts), *Industrial communication networks – Network and system security*