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Multimedia home server systems – Implementation of digital rights permission code

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MULTIMEDIA HOME SERVER SYSTEMS – IMPLEMENTATION OF DIGITAL RIGHTS PERMISSION CODE

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IEC 62636, which is a technical report, has been prepared by technical area 8: Multimedia home server systems, of 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
100/1561/DTR	100/1611/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 maintenance result 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- withdrawn,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.

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INTRODUCTION

IEC 62227, which defines the digital rights permission code, is structured so that information required by engineers familiar with how permission information is coded can easily access it. However, for engineers who are not familiar with the code, there are few descriptions of specific service scenarios and the permission code that corresponds to them. For these engineers it is therefore difficult to understand how to implement a digital rights permission code using just the information given in IEC 62227.

This Technical Report provides guidelines for digital rights permission code technology to supplement the information presented in IEC 62227 and to foster the use of digital rights permission code.

MULTIMEDIA HOME SERVER SYSTEMS – IMPLEMENTATION OF DIGITAL RIGHTS PERMISSION CODE

1 Scope

This Technical Report provides guidelines to implement the digital rights permission code. It gives examples of fixed length permission codes derived from restricted code length profiling by using 23 specific usage scenarios to profile the variable-length digital rights permission code defined in IEC 62227 as fixed length digital rights permission code.

2 Normative references

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

IEC 62227, *Multimedia home server systems – Digital rights permission code*