TECHNICAL SPECIFICATION

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Multimedia systems and equipment – Multimedia home server systems – Home server conceptual model

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MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA HOME SERVER SYSTEMS – HOME SERVER CONCEPTUAL MODEL

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Technical specifications are subject to review within three years of publication to decide whether they can be transformed into International Standards.

IEC 62318, which is a technical specification, has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment

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

Enquiry draft	Report on voting
100/575A/DTS	100/679/RVC

Full information on the voting for the approval of this technical specification 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 2006-03-31. At this date, the publication will be

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- withdrawn;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

A bilingual edition may be issued at a later date.

INTRODUCTION

Broadcasters, network providers and consumer electronics companies have their own home server models, that are different from each other. In order to start a discussion on standardization of home server technology, a home server conceptual model should be established. The model should include all the server logical elements and the functionality, which is required and expected by broadcasters, network providers, consumer electronics companies and users.

MULTIMEDIA SYSTEMS AND EQUIPMENT – MULTIMEDIA HOME SERVER SYSTEMS – HOME SERVER CONCEPTUAL MODEL

1 Scope

This Technical Specification describes a home server conceptual model for multimedia home server systems. A home server conceptual model is specified from the standardization point of view to clarify the functionality and modularity of existing and future home servers.

The model provides key technology of home servers to be standardized. It should be noted that the modelling is not intended for actual implementation of home servers. The modelling is expected to be a reference for discussing and developing new works of home server standardization, and to contribute to ease of operation and connectivity of home servers.

The model is dealt with as an instance of the equipment structure model defined in IEC 61998.

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 61998:1999, *Model and framework for standardization in multimedia equipment and systems*