INTERNATIONAL STANDARD

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TeleWeb application –

Part 1:
General description

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CONTENTS

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TELEWEB APPLICATION –

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FOREWORD

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International Standard IEC 62298-1 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

This standard cancels and replaces IEC/PAS 62298 published in 2002.

This first edition constitutes a technical revision.

The text of this standard is based on the following documents:

FDIS	Report on voting
100/922/FDIS	100/960/RVD

Full information on the voting for the approval of this standard 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.

IEC 62298 consists of the following parts, under the general title *TeleWeb application*:

Part 1: General description

Part 2: Delivery methods

Part 3: Superteletext profile

Part 4: Hyperteletext profile (in preparation)

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- withdrawn;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.

INTRODUCTION

TeleWeb delivers World Wide Web-style content to the TV environment, giving the viewer an enhanced television experience. It can be seen as the successor to Teletext. TeleWeb is not restricted to the TV environment and can be deployed equally effectively in areas like DAB, DRM, and home automation.

This standard gives a general overview of the TeleWeb application.

TELEWEB APPLICATION –

Part 1: General description

1 Scope

This part of IEC 62298 gives a general overview of the TeleWeb application that allows Web-style text and graphics to be broadcast to, and displayed by, suitable decoders.

TeleWeb services can be broadcast in a number of different ways, for example, VBI, DVB, DAB, etc., and to a variety of decoder types, for example, TVs, portable decoders, PCs, etc. These transmission protocols are described separately.

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 62297 (all parts), *Trigger messages for broadcast applications*

IEC 62298 (all parts), *TeleWeb application*

ETSI EN 300 231, *Television systems; Specification of the domestic video Programme Delivery Control (PDC) system*

ETSI EN 300 468, *Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems*

ETSI EN 300 707, *Electronic Programme Guide (EPG); Protocol for a TV Guide using electronic data transmission*

ITU-R BT 1379-1:2004, *Safe areas of wide-screen 16:9 and standard 4:3 aspect ratio productions to achieve a common format during a transition period to wide-screen 16:9 broadcasting*