

INTERNATIONAL STANDARD



**Consumer terminal function for access to IPTV and open internet multimedia services –
Part 4-2: Examples of IPTV protocol sequences**

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**CONSUMER TERMINAL FUNCTION FOR ACCESS TO IPTV
AND OPEN INTERNET MULTIMEDIA SERVICES –****Part 4-2: Examples of IPTV protocol sequences**

FOREWORD

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International Standard IEC 62766-4-2 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

The text of this International Standard is based on the following documents:

| CDV | Report on voting |
|--------------|------------------|
| 100/2547/CDV | 100/2661/RVC |

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

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

This International Standard is to be used in conjunction with IEC 62766-4-1.

A list of all parts in the IEC 62766 series, published under the general title *Consumer terminal function for access to IPTV and open internet multimedia services*, can be found on the IEC website.

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

- reconfirmed,
- withdrawn,
- replaced by a revised edition, or
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IMPORTANT – The 'colour inside' logo on the cover page of this publication indicates that it contains colours which are considered to be useful for the correct understanding of its contents. Users should therefore print this document using a colour printer.

INTRODUCTION

The IEC 62766 series is based on a series of specifications that was originally developed by the OPEN IPTV FORUM (OIPF). They specify the user-to-network interface (UNI) for consumer terminals to access IPTV and open internet multimedia services over managed or non-managed networks as defined by OIPF.

CONSUMER TERMINAL FUNCTION FOR ACCESS TO IPTV AND OPEN INTERNET MULTIMEDIA SERVICES –

Part 4-2: Examples of IPTV protocol sequences

1 Scope

This part of IEC 62766 provides informative examples of features defined in IEC 62766-4-1.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements 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 62766-4-1, *Consumer terminal function for access to IPTV and open internet multimedia services – Part 4-1: Protocols*¹

IETF RFC 3261, *SIP: Session Initiation Protocol*

IETF RFC 3455, *Private Header (P-Header) Extensions to the Session Initiation Protocol (SIP) for the 3rd-Generation partnership Project (3GPP)*

IETF RFC 3588, *Diameter Base Protocol*

IETF RFC 3611, *RTP Control Protocol Extended Reports (RTCP XR)*

IETF RFC 4825, *The Extensible Markup Language (XML) Configuration Access Protocol (XCAP)*

3GPP TS 29.199-4, *Open Service Access (OSA); Parlay X web services; part 4: Short messaging*

Broadband Forum TR-135, *Data Model for a TR-069 Enabled STB*

¹ Under preparation. Stage at time of publication: IEC CDV 62766-4-1:2016.