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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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CONTENTS

FOREWORD.....	5
INTRODUCTION.....	7
1 Scope.....	8
2 Normative references	8
3 Terms, definitions and abbreviations	8
4 Examples of IPTV protocol sequences.....	8
4.1 General.....	8
4.2 IPTV service functions protocol sequences	9
4.2.1 COD Sequences.....	9
4.2.2 Content reporting and content reporting management.....	11
4.2.3 Purchase of digital media Purchase request procedure of selected digital media related to the content	13
4.2.4 Pay per view.....	15
4.2.5 Network-based scheduled content time shift	18
4.2.6 What is on TV service.....	20
4.2.7 What is on TV service – SMS initiated	21
4.2.8 Parental control for scheduled content sequences	22
4.2.9 Network-based user notification services	23
4.2.10 Content bookmarking.....	30
4.2.11 Personalised channel	35
4.2.12 Local PVR	38
4.2.13 Network PVR (nPVR) (managed model).....	45
4.2.14 Personalised channel	51
4.2.15 Notification service	54
4.3 Service access and control function protocol sequences.....	61
4.3.1 Authentication.....	61
4.3.2 IPTV service profile manipulation through XCAP	66
4.3.3 Setup of RTSP/RTCP performance monitoring for CoD session in managed networks over UNIT-18.....	68
4.3.4 Specifying metrics for RTSP/RTCP performance monitoring	69
4.3.5 Non-native HNI-IGI	71
4.4 Communication services	73
4.4.1 Instant messaging	73
4.4.2 Caller ID	75
4.4.3 Presence	77
4.4.4 Content sharing	80
4.5 Content preparation	84
4.5.1 Encryption sequences.....	84
4.5.2 Content on demand	85
4.5.3 Scheduled content with periodic key rotation controlled by the key management function	85
4.5.4 Scheduled content with periodic key rotation controlled by the scheduled content encryption function	86
4.5.5 Scheduled content with event based key rotation.....	87
Bibliography.....	88
Figure 1 – RTSP Procedure on UNIS-11 for managed model	9

Figure 2 – RTSP Usage for COD on UNIS-11 and NPI-10	10
Figure 3 – Content reporting	11
Figure 4 – Management of content reporting	12
Figure 5 – Purchase request procedure of selected digital media related to the content.....	14
Figure 6 – User-initiated PPV service without existing scheduled content session.....	15
Figure 7 – User-initiated PPV service switched from the scheduled content service	17
Figure 8 – IPTV end-user activation of scheduled content time shift.....	18
Figure 9 – IPTV end-user deactivation of scheduled content time shift.....	19
Figure 10 – Acquiring information on content streamed on an OITF	21
Figure 11 – Call flow for an SMS initiated parental control request.....	22
Figure 12 – Procedure for parental control command to change channels.....	23
Figure 13 – IMS-based user notification setup request.....	24
Figure 14 – DAE-based user notification setup request.....	25
Figure 15 – IMS-based update of pending notification requests	26
Figure 16 – DAE-based update of pending notification requests.....	27
Figure 17 – DAE-based fetching of pending notification requests	28
Figure 18 – Sending a notification to an OITF	29
Figure 19 – Sending a notification to a cellular device.....	29
Figure 20 – Content Bookmarking in a scheduled content session	31
Figure 21 – Content bookmarking in a content on demand session	32
Figure 22 – Content-related bookmark retrieval	33
Figure 23 – Content bookmark update	34
Figure 24 – Signalling flow of PCh configuration	36
Figure 25 – Signalling flow of PCh service setup.....	38
Figure 26 – Call flow for a local PVR recording session	41
Figure 27 – Call flow for a remote request for a local PVR recording session	44
Figure 28 – Call flow for network PVR recording session – Synchronous method.....	47
Figure 29 – Call flow for network PVR recording – Asynchronous method.....	50
Figure 30 – OITF-centric personalised channel.....	53
Figure 31 – Retrieving emergency notifications.....	54
Figure 32 – Procedure for network-generated notifications.....	56
Figure 33 – High-level session procedure	57
Figure 34 – Target device initiating a COD session in relation to session transfer	58
Figure 35 – IG handling of CoD initiated sessions associated with session transfers.....	59
Figure 36 – Transferor imitating a session transfer request to a transferee in push mode	60
Figure 37 – Post successful session establishment by the transferee	61
Figure 38 – Default IMS public identity registration procedure in a managed model	62
Figure 39 – IPTV end-user IMPU registration procedure in a managed model.....	63
Figure 40 – IPTV end-user de-registration procedure in a managed model	64
Figure 41 – IPTV default identity de-registration procedure in a managed model	64
Figure 42 – Call flow for subscription to the registration event	65
Figure 43 – Service profile management based on XCAP	67

Figure 44 – RTCP receiver report packet	70
Figure 45 – RTCP XR packet	71
Figure 46 – Registration for non-native HNI-IGI	73
Figure 47 – Instant message origination call flow	74
Figure 48 – Incoming message call flow	75
Figure 49 – Caller identification call flow	76
Figure 50 – IMS telephony service based caller identification	77
Figure 51 – Subscription to presence	78
Figure 52 – Cancellation of presence subscription	79
Figure 53 – Publishing a presence event	80
Figure 54 – Content sharing capability call flow	81
Figure 55 – Content sharing session initiation, modification and terminaion	82
Figure 56 – Content sharing session transfer	84
Figure 57 – Multi-DRM main workflows	84
Figure 58 – Encrypt content on demand	85
Figure 59 – Encrypt scheduled content with periodic key rotation controlled by the Key Management Function	86
Figure 60 – Encrypt scheduled content with periodic key rotation controlled by scheduled content encryption function	86
Figure 61 – Encrypt scheduled content with event based key rotation	87

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
- amended.

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

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.