

SLOVENSKI STANDARD SIST EN 62766-3:2018

01-februar-2018

Funkcija potrošniškega terminala za dostop do IPTV in odprtih internetnih multimedijskih storitev - 3. del: Metapodatki o vsebini (IEC 62766-3: 2016)

Consumer terminal function for access to IPTV and open internet multimedia services - Part 3: Content metadata (IEC 62766-3:2016)

Verbraucher Endgeräte Funktion für den Zugriff auf IPTV und offene Internet Multimedia Dienstleistungen - Teil 3: Inhalts-Metadaten (IEC 62766-3:2016)

Fonction des terminaux grand public pour l'accès aux services IPTV et multimédias de l'internet ouvert - Partie 3: Métadonnées de contenu (IEC 62766-3:2016)

https://standards.iteh.ai/catalog/standards/sist/8980db88-0f2a-4c85-84c2-

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33.170 Televizijska in radijska Television and radio

difuzija broadcasting

35.240.95 Spletne uporabniške rešitve Internet applications

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EUROPEAN STANDARD

EN 62766-3

NORME EUROPÉENNE

EUROPÄISCHE NORM

April 2017

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English Version

Consumer terminal function for access to IPTV and open internet multimedia services - Part 3: Content metadata (IEC 62766-3:2016)

Fonction des terminaux grand public pour l'accès aux services IPTV et multimédias de l'internet ouvert -Partie 3: Métadonnées de contenu (IEC 62766-3:2016) Verbraucher Endgeräte Funktion für den Zugriff auf IPTV und offene Internet Multimedia Dienstleistungen -Teil 3: Inhalts-Metadaten (IEC 62766-3:2016)

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SIST EN 62766-3:2018

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European Committee for Electrotechnical Standardization Comité Européen de Normalisation Electrotechnique Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels

EN 62766-3:2017

European foreword

The text of document 100/2489/CDV, future edition 1 of IEC 62766-3, prepared by IEC/TC 100 "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN 62766-3:2017.

The following dates are fixed:

•	latest date by which the document has to be	(dop)	2017-10-21
	implemented at national level by		
	publication of an identical national		
	standard or by endorsement		

 latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2020-04-21

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Endorsement notice

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In the official version, for Bibliography, the following note has to be added for the standard indicated:

IEC 62455:2010 NOTE SHarmonized as EN 62455:2011 (not modified).

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Annex ZA (normative)

Normative references to international publications with their corresponding European publications

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

NOTE 1 When an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
IEC 62766-1	-	Consumer terminal function for access to IPTV and open Internet multimedia services - Part 1: General	EN 62766-1 ¹⁾	-
IEC 62766-2-1	-	Consumer terminal function for access to IPTV and open internet multimedia services - Part 2-1: Media formats	EN 62766-2-1	-
IEC 62766-4-1	- iT	Consumer terminal function for access to IPTV and open Internet multimedia services - Part 4-1 - Protocols 1.21	EW	-
IEC 62766-5-1	https://sta	Consumer terminal function for access to IPTV and open Internet multimedia services: Part 5-10 Declarative application environment 800 cca/sist-en-62766-3-2018	- 4c85-84c2-	-
IEC 62766-6	-	Consumer terminal function for access to IPTV and open Internet multimedia services - Part 6 - Procedural application environment	-	-
IEC 62766-7	-	Consumer terminal function for access to IPTV and open Internet multimedia services - Part 7 - Authentication, content protection and service protection	-	-
ISO/IEC 15938-5		Information technology - Multimedia content description interface - Part 5: Multimedia description schemes	-	-
ETSI EN 300 468 V1.13.1	2012	Digital Video Broadcasting (DVB); Specification for Service Information (SI) in DVB systems	- 1	-
ETSI TS 102 034 V1.5.1	2014	Digital Video Broadcasting (DVB); Transport of MPEG-2 TS Based DVB Services over IP Networks	-	-
ETSI TS 102 323 V1.2.1	2005	Digital Video Broadcasting (DVB); Carriagand signalling of TV-Anytime information in DVB transport streams		-

¹⁾ At draft stage.

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EN 62766-3:2017

<u>Publication</u>	<u>Year</u>	<u>Title</u>	EN/HD	<u>Year</u>
ETSI TS 102 539 V1.3.1	2010	Digital Video Broadcasting (DVB);Carriage of Broadband Content Guide (BCG) information over Internet Protocol (IP)	e -	-
ETSI TS 102 728 V1.1.1	2010	Digital Video Broadcasting (DVB); Globall Executable MHP (GEM) Specification 1.2. (including IPTV)		-
ETSI TS 102 809 V1.2.1	2013	Digital Video Broadcasting (DVB); Signalling and carriage of interactive applications and services in hybrid broadcast / broadband environments	-	-
ETSI TS 102 822 -3-1 V1.7.1	2011	Broadcast and On-line Services: Search, select and rightful use of content on personal storage systems ("TV-Anytime"); Part 3: Metadata; Subpart 1: Phase 1 - Metadata schemas	-	-
ETSI TS 102 822 -3-2 V1.6.1	2012	Broadcast and On-line Services: Search, select and rightful use of content on personal storage systems ("TV-Anytime"); Part 3: Metadata; Subpart 2: System aspects in a uni-directional environment	-	-
ETSI TS 102 822 -6-1 V1.7.1	https://sta	Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems ("TV-Anytime"); Part 6: Delivery of metadata over a bidirectional network; Sub-part 1: Service and transport of standards/sist/8980db88-0f2a-		-

DVB Services CA system identifiers, available at http://www.dvbservices.com/identifiers/



IEC 62766-3

Edition 1.0 2016-12

INTERNATIONAL **STANDARD**

NORME INTERNATIONALE



Consumer terminal function for access to IPTV and open internet multimedia Part 3: Content metadata (standards.iteh.ai)

SIST EN 62766-3:2018

Fonction des terminaux grand public pour l'accès aux services IPTV et multimédias de l'internet ouvert 820 eca/sist-en-62766-3-2018

Partie 3: Métadonnées de contenu

INTERNATIONAL **ELECTROTECHNICAL** COMMISSION

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

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

Part 3: Content metadata

FOREWORD

- 1) The International Electrotechnical Commission (IEC) is a worldwide organization for standardization comprising all national electrotechnical committees (IEC National Committees). The object of IEC is to promote international co-operation on all questions concerning standardization in the electrical and electronic fields. To this end and in addition to other activities, IEC publishes International Standards, Technical Specifications, Technical Reports, Publicly Available Specifications (PAS) and Guides (hereafter referred to as "IEC Publication(s)"). Their preparation is entrusted to technical committees; any IEC National Committee interested in the subject dealt with may participate in this preparatory work. International, governmental and non-governmental organizations liaising with the IEC also participate in this preparation. IEC collaborates closely with the International Organization for Standardization (ISO) in accordance with conditions determined by agreement between the two organizations.
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International Standard IEC 62766 has been prepared by IEC technical committee 100: Audio, video and multimedia systems and equipment.

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

CDV	Report on voting
100/2489/CDV	100/2659/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 62766-1.

IEC 62766-3:2016 © IEC 2016

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.

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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.

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

Part 3: Content metadata

Scope

This part of IEC 62766 specifies the aspects concerning content metadata.

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 62766-11, Consumer terminal function for access to IPTV and open Internet multimedia services – Part 1: General

IEC 62766-2-1, Consumer terminal function for access to IPTV and open Internet multimedia services - Part 2-1 - Media Formats (standards.iteh.ai)

IEC 62766-4-12, Consumer terminal function for access to IPTV and open Internet multimedia services – Part 4-1 – Protocols SIST EN 62766-3:2018 https://standards.iteh.ai/catalog/standards/sist/8980db88-0f2a-4c85-84c2-

IEC 62766-5-13, Consumer terminal function for access to IPTV and open Internet multimedia services – Part 5 – Declarative application environment

IEC 62766-64, Consumer terminal function for access to IPTV and open Internet multimedia services - Part 6 - Procedural application environment

IEC 62766-75, Consumer terminal function for access to IPTV and open Internet multimedia services – Part 7 – Authentication, content protection and service protection

ISO/IEC 15938-5, May 2003, Multimedia Content description Interface - Part 5: Multimedia description schemes

ETSI EN 300 468 V1.13.1 (2012-08), Digital Video Broadcasting: Specification for Service Information (SI) in DVB systems

ETSI TS 102 034 V1.5.1 (2014-05), Digital Video Broadcasting: Transport of MPEG-2 Based DVB Services over IP Based Networks

¹ Under preparation. Stage at the time of publication: IEC/CDV 62766-1:2015

² Under preparation. Stage at the time of publication: IEC/CDV 62766-4-1:2015

³ Under preparation. Stage at the time of publication: IEC/CDV 62766-5-1:2015

Under preparation. Stage at the time of publication: IEC/CDV 62766-6:2015

⁵ Under preparation. Stage at the time of publication: IEC/CDV 62766-7:2015

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ETSI TS 102 323 V1.2.1 (2005-11), Digital Video Broadcasting (DVB); Carriage and signalling of TV-Anytime information in DVB transport streams

ETSI TS 102 539 V1.3.1 (2010-04), Digital Video Broadcasting: Carriage of Broadband Content Guide (BCG) information over Internet Protocol

ETSI TS 102 728 V1.1.1 (2010-01), Digital Video Broadcasting (DVB); Globally Executable MHP (GEM) Specification 1.2.2 (including IPTV)

ETSI TS 102 809 v1.2.1 (2013-07), Digital Video Broadcasting (DVB); Signalling and carriage of interactive applications and services in hybrid broadcast/broadband environments

ETSI TS 102 822-3-1 V1.7.1 (2011-11), Broadcast and On-line Services: Search, select and rightful use of content on personal storage systems ("TV-Anytime"); Part 3: Metadata; Subpart 1: Phase 1 – Metadata schemas

ETSI TS 102 822-3-2 V1.6.1 (2012-07), Broadcast and On-line Services: Search, select and rightful use of content on personal storage systems ("TV-Anytime"); Part 3: Metadata; Subpart 2: System aspects in a uni-directional environment

ETSLTS 102 822-6-1 V1.7.1 (2011-11), Broadcast and On-line Services: Search, select, and rightful use of content on personal storage systems ("TV-Anytime"); Part 6: Delivery of metadata over a bi-directional network; Sub-part 1: Service and transport

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DVB Services CA system identifiers, available at http://www.dvbservices.com/identifiers/ (standards.iteh.ai)

3 Terms, definitions and abbreviated terms

SIST EN 62766-3:2018

3.1 Terms and definitions 75a212880eca/sist-en-62766-3-2018

For the purposes of this document, the terms and definitions given in IEC 62766-1 and the following apply.

ISO and IEC maintain terminological databases for use in standardization at the following addresses:

- IEC Electropedia: available at http://www.electropedia.org/
- ISO Online browsing platform: available at http://www.iso.org/obp

3.1.1

linear TV metadata

metadata that is associated with the content items provided in the scheduled content service

Note 1 to entry: In the scheduled content service the content playout time is determined by the service provider.

3.1.2

CoD metadata

metadata describing the attributes of content items available to the user on an on-demand nature

Note 1 to entry: CoD metadata are typically organised as a catalog that may be presented in different perspectives, such as alphabetical listing or grouped by genre.

3.1.3

interactive services metadata

metadata describing interactive applications that may be available to the user