# 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)

**Ta slovenski standard je istoveten z:      EN 62766-3:2017**

**ICS:**

| | | |
|---|---|---|
| 33.170 | Televizijska in radijska difuzija | Television and radio broadcasting |
| 35.240.95 | Spletne uporabniške rešitve | Internet applications |

**SIST EN 62766-3:2018**                                  **en,fr,de**

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EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

**EN 62766-3**

April 2017

ICS 33.170; 35.240.95

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)

This European Standard was approved by CENELEC on 2017-01-19. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

This European Standard exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

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**CENELEC**

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**

Ref. No. EN 62766-3:2017 E

**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 implemented at national level by publication of an identical national standard or by endorsement | (dop) | 2017-10-21 |
| • 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

The text of the International Standard IEC 62766-3:2016 was approved by CENELEC as a European Standard without any modification.

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

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

EN 62766-3:2017

**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

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| 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 | - | Consumer terminal function for access to IPTV and open Internet multimedia services - Part 4-1 - Protocols | - | - |
| IEC 62766-5-1 | - | Consumer terminal function for access to IPTV and open Internet multimedia services - Part 5-1 - Declarative application environment | - | - |
| 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 | - | - |
| 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); Carriage and signalling of TV-Anytime information in DVB transport streams | - | - |

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[1] At draft stage.

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**EN 62766-3:2017**

| Publication | Year | Title | EN/HD | Year |
|---|---|---|---|---|
| ETSI TS 102 539 V1.3.1 | 2010 | Digital Video Broadcasting (DVB);Carriage of Broadband Content Guide (BCG) information over Internet Protocol (IP) | - | - |
| ETSI TS 102 728 V1.1.1 | 2010 | Digital Video Broadcasting (DVB); Globally Executable MHP (GEM) Specification 1.2.2 (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 | 2011 | 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 | - | - |

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

# IEC 62766-3

Edition 1.0   2016-12

# INTERNATIONAL STANDARD

# NORME INTERNATIONALE

colour
inside

**Consumer terminal function for access to IPTV and open internet multimedia services –**
**Part 3: Content metadata**

**Fonction des terminaux grand public pour l'accès aux services IPTV et multimédias de l'internet ouvert –**
**Partie 3: Métadonnées de contenu**

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## 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.

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.

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

## Part 3: Content metadata

## 1 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 62766-1[1], *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*

IEC 62766-4-1[2], *Consumer terminal function for access to IPTV and open Internet multimedia services – Part 4-1 – Protocols*

IEC 62766-5-1[3], *Consumer terminal function for access to IPTV and open Internet multimedia services – Part 5 – Declarative application environment*

IEC 62766-6[4], *Consumer terminal function for access to IPTV and open Internet multimedia services – Part 6 – Procedural application environment*

IEC 62766-7[5], *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*

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[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

[4]   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; Sub-part 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; Sub-part 2: System aspects in a uni-directional environment*

ETSI TS 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*

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

## 3 Terms, definitions and abbreviated terms

### 3.1 Terms and definitions

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