SLOVENSKI STANDARD
SIST EN IEC 62919:2018

01-september-2018

Upravljanje vsebin - Nadzor in upravljanje osebnih digitalnih vsebin (IEC 62919:2017)

Content management - Monitoring and management of personal digital content (IEC 62919:2017)

Stressfreies Inhalts-Management - Überwachung und Management von personenbezogenem digitalem Inhalt (IEC 62919:2017)

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Gestion du contenu - Suivi et gestion du contenu numérique personnel (IEC 62919:2017)

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Ta slovenski standard je istoveten z: **EN IEC 62919:2018**

ICS:

35.040.99	Drugi standardi v zvezi s kodiranjem informacij	Other standards related to information coding
35.100.01	Medsebojno povezovanje odprtih sistemov na splošno	Open systems interconnection in general

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English Version

Content management - Monitoring and management of personal digital content (IEC 62919:2017)

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

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

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European foreword

The text of document 100/2803/CDV, future edition 1 of IEC 62919, prepared by technical area 8: "Multimedia home systems and applications for end-user network", of IEC/TC 100: "Audio, video and multimedia systems and equipment" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62919:2018.

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)	2018-09-12
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2020-12-12

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INTERNATIONAL STANDARD

Content management – Monitoring and management of personal digital content

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CONTENT MANAGEMENT – MONITORING AND MANAGEMENT OF PERSONAL DIGITAL CONTENT

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

CDV	Report on voting
100/2803/CDV	100/2924/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.

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- withdrawn,
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INTRODUCTION

Users have ICT devices on which they store various digital content, such as movies, photos, music, e-books and documents. Since the capacity of each ICT device is getting larger and online storage services are provided, digital content can be stored on a wide range of devices. Users also create backup copies of digital content on multiple devices. That causes the production of multiple generations of digital copies from an original and the digital content can be put somewhere in any order. As a result, digital content goes into hiding and users can be unaware of the location where the digital content is stored. Therefore, users have difficulties in searching for and finding the digital content they want, or it takes a lot of time to find the content.

Since users may forget the provenance of the digital content saved on their devices, the information to identify the distribution channel is helpful for the users.

Even if users can easily recognize digital content, its location or its directory on a specific device, it is not enough to solve the difficulties.

This document specifies the method in which each device makes content preservation information in the specified format and sends it to the server system. The operation enables the visualization of all their digital content, which is separately stored on various devices, and an easy way to find the desired content.

In addition, the central server, which gathers the content preservation information from many users' own devices, provides the interface to derive the summary from the gathered information. By deriving users' content preservation information, a service provider can analyse the users' usage and preference information, and it helps launch new flexible digital content distribution structures.

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CONTENT MANAGEMENT – MONITORING AND MANAGEMENT OF PERSONAL DIGITAL CONTENT

1 Scope

This document specifies requirements, the protocol and the data format to visualize personal content saved on the various devices, such as mobile phones, music players, personal computers, hard disk recorders and e-book devices.

This document also specifies methods for gathering information of digital content saved on personal devices and shared within a group, and to extract the gathered information by uniform application interface.

2 Normative references

There are no normative references in this document.

3 Terms, definitions and abbreviated terms

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3.1 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

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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
content preservation information
information on content that is preserved in a user's device

3.1.2
content information server
server which receives and stores content preservation information

3.1.3
personal content
digital content stored on user devices

Note 1 to entry: Personal content includes content that users purchase or create by themselves.

3.1.4
content device
user device where content is stored

3.1.5
device ID
identifier to specify a device