



SLOVENSKI STANDARD
SIST EN ISO 11073-10424:2016/AC:2018
01-april-2018

**Zdravstvena informatika - Komunikacija osebnih medicinskih naprav - 10424. del:
Specialne naprave - Naprava za zdravljenje motenj dihanja v spanju - Tehnični
popravek 1 (ISO/IEEE 11073-10424:2016/Cor 1:2018)**

Health informatics - Personal health device communication - Part 10424: Device
specialization - Sleep apnoea breathing therapy equipment (SABTE) - Technical
Corrigendum 1 (ISO/IEEE 11073-10424:2016/Cor 1:2018)

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Informatique de la santé - Communication entre dispositifs de santé personnels - Partie
10424: Spécialisation de dispositif - Équipement de thérapie respiratoire de l'apnée du
sommeil (SABTE) - Rectificatif technique 1 (ISO/IEEE 11073-10424:2016/Cor 1:2018)

Ta slovenski standard je istoveten z: EN ISO 11073-10424:2016/AC:2018

ICS:

35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology
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SIST EN ISO 11073-10424:2016/AC:2018 en,fr,de

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN ISO 11073-
10424:2016/AC**

January 2018
Janvier 2018
Januar 2018

ICS 35.240.80

English version
Version Française
Deutsche Fassung

Health informatics - Personal health device communication - Part 10424:
Device specialization - Sleep apnoea breathing therapy equipment (SABTE) -
Technical Corrigendum 1 (ISO/IEEE 11073-10424:2016/Cor 1:2018)

Informatique de la santé - Communication
entre dispositifs de santé personnels - Partie
10424: Spécialisation de dispositif -
Équipement de thérapie respiratoire de
l'apnée du sommeil (SABTE) - Rectificatif
technique 1 (ISO/IEEE 11073-
10424:2016/Cor 1:2018)

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This corrigendum becomes effective on 24 January 2018 for incorporation in the official English version of the EN. <https://standards.iteh.ai/catalog/standards/sist-en-iso-11073-10424-2016-ac-2018>

Ce corrigendum prendra effet le 24 janvier 2018 pour incorporation dans la version anglaise officielle de la EN.

Die Berichtigung tritt am 24. Januar 2018 zur Einarbeitung in die offizielle Englische Fassung der EN in Kraft.



EUROPEAN COMMITTEE FOR STANDARDIZATION
COMITÉ EUROPÉEN DE NORMALISATION
EUROPÄISCHES KOMITEE FÜR NORMUNG

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

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European foreword

The text of ISO/IEEE 11073-10424:2016/Cor 1:2018 has been prepared by Technical Committee ISO/TC 215 “Health informatics” of the International Organization for Standardization (ISO) and has been taken over as EN ISO 11073-10424:2016/AC:2018 by Technical Committee CEN/TC 251 “Health informatics” the secretariat of which is held by NEN.

Endorsement notice

The text of ISO/IEEE 11073-10424:2016/Cor 1:2018 has been approved by CEN as EN ISO 11073-10424:2016/AC:2018 without any modification.

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INTERNATIONAL
STANDARD

ISO/IEEE
11073-
10424

First edition
2016-06-15

Corrigendum 1
2018-01

**Health informatics — Personal health
device communication —**

Part 10424:

**Device specialization — Sleep apnoea
breathing therapy equipment (SABTE)**

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TECHNICAL CORRIGENDUM 1

*Informatique de la santé — Communication entre dispositifs de santé
personnels —*

SIST EN ISO 11073-10424:2016/AC:2018

*Partie 10424: Spécialisation de dispositif — Équipement de thérapie
respiratoire de l'apnée du sommeil (SABTE)*

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RECTIFICATIF TECHNIQUE 1



Reference number
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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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ISO/IEEE 11073-10424 was prepared by the IEEE 11073 Standards Committee of the IEEE Engineering in Medicine and Biology Society (as IEEE Std 11073-10427-2014/Cor 1-2017). It was adopted by Technical Committee ISO/TC 215, *Health informatics*, in parallel with its approval by the ISO member bodies, under the “fast-track procedure” defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE. IEEE is responsible for the maintenance of this document with participation and input from ISO member bodies.

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IEEE Std 11073-10424™-2014/Cor 1-2017
(Corrigendum to
IEEE Std 11073-10424-2014)

Health informatics—Personal health device communication

Part 10424: Device Specialization— Sleep Apnoea Breathing Therapy Equipment (SABTE)

Corrigendum 1

Sponsor

IEEE 11073™ Standards Committee
of the
IEEE Engineering in Medicine and Biology Society

Approved 23 March 2017
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ISO/IEEE 11073-10424:2016/Cor 1:2018(E)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for device communication, a normative definition of the communication between sleep apnoea breathing therapy equipment (SABTE) devices (agents) and managers (e.g., cell phones, personal computers, personal health appliances, set-top boxes), in a manner that enables plug-and-play interoperability, is established in IEEE Std 11073-10424-2014. It leverages appropriate portions of existing standards including ISO/IEEE 11073 terminology, information models, application profile standards, and transport standards. It specifies the use of specific term codes, formats, and behaviors in telehealth environments restricting optionality in base frameworks in favor of interoperability. IEEE Std 11073-10424-2014 defines a common core of communication functionality for SABTE. In this context, SABTE is defined as a device that is intended to alleviate the symptoms of a patient who suffers from sleep apnoea by delivering a therapeutic breathing pressure to the patient. SABTE is primarily used in the home health-care environment by a lay operator without direct professional supervision. This corrigendum corrects errors that have been identified in IEEE Std 11073-10424-2014 to make it easier to implement the standard in an interoperable fashion.

Keywords: IEEE 11073-10424™, medical device communication, personal health devices, SABTE, sleep apnoea breathing therapy equipment

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