

# SLOVENSKI STANDARD

## SIST EN ISO 11073-10424:2016

01-december-2016

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**Zdravstvena informatika - Komunikacija osebnih medicinskih naprav - 10424. del: Specialne naprave - Naprava za zdravljenje motenj dihanja v spanju (ISO 11073-10424:2016)**

Health informatics - Personal health device communication - Part 10424: Device Specialization - Sleep Apnoea Breathing Therapy Equipment (SABTE) (ISO 11073-10424:2016)

Medizinische Informatik - Kommunikation von Geräten für die persönliche Gesundheit - Teil 10424: Gerätespezifikation - (Schlafapnoe-Atemtherapiegeräte (ISO 11073-10424:2016)

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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) (ISO 11073-10424:2016)

**Ta slovenski standard je istoveten z: EN ISO 11073-10424:2016**

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**ICS:**

35.240.80	Uporabniške rešitve IT v zdravstveni tehniki	IT applications in health care technology
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**en,fr,de**

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EUROPEAN STANDARD

EN ISO 11073-10424

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2016

ICS 35.240.80

English Version

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

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) (ISO/IEEE  
11073-10424:2016)

Medizinische Informatik - Kommunikation von Geräten  
für die persönliche Gesundheit - Teil 10424:  
Gerätespezifikation - Schlafapnoe-Atemtherapiegeräte  
(ISO/IEEE 11073-10424:2016)

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<b>Contents</b>	<b>Page</b>
<b>European foreword.....</b>	<b>3</b>

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[SIST EN ISO 11073-10424:2016](https://standards.iteh.ai/catalog/standards/sist/908104d8-8e94-4bc3-8560-4f83e4bfcd1d/sist-en-iso-11073-10424-2016)  
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INTERNATIONAL **ISO/IEEE**  
STANDARD **11073-10424**

First edition  
2016-06-15

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

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

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personnels*  
*Partie 10424. Spécialisation de dispositif — Équipement de thérapie  
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**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 this standard. 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. This standard 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.

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

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