

SLOVENSKI STANDARD

SIST EN ISO 11073-10201:2020

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Nadomešča:

SIST EN ISO 11073-10201:2005

Zdravstvena informatika - Interoperabilnost naprav - 10201. del: Komunikacija medicinskih naprav na mestu oskrbe - Informacijski model domene (ISO/IEEE 11073-10201:2020)

Health informatics- Device interoperability - Part 10201: Point-of-care medical device communication - Domain information model (ISO/IEEE 11073-10201:2020)

Medizinische Informatik - Kommunikation patientennaher medizinischer Geräte - Teil 10201: Bereichs-Informationsmodell (ISO/IEEE 11073-10201:2020)

Informatique de santé - Communication entre dispositifs médicaux sur le site des soins - Partie 10201: Modèle d'information du domaine (ISO/IEEE 11073-10201:2020)

Ta slovenski standard je istoveten z: EN ISO/IEEE 11073-10201:2020

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
NORME EUROPÉENNE
EUROPÄISCHE NORM

**EN ISO/IEEE 11073-
10201**

June 2020

ICS 35.240.80

Supersedes EN ISO 11073-10201:2005

English Version

Health informatics - Device interoperability - Part 10201: Point-of-care medical device communication - Domain information model (ISO/IEEE 11073-10201:2020)

Informatique de santé - Interopérabilité des dispositifs
- Partie 10201: Communication entre dispositifs
médicaux sur le site des soins - Modèle d'informations
du domaine (ISO/IEEE 11073-10201:2020)

Medizinische Informatik - Kommunikation
patientennaher medizinischer Geräte - Teil 10201:
Bereichs-Informationsmodell (ISO/IEEE 11073-
10201:2020)

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INTERNATIONAL
STANDARD

ISO/IEEE
11073-
10201

Second edition
2020-04

**Health informatics — Device
interoperability —**

**Part 10201:
Point-of-care medical device
communication — Domain
information model**

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Informatique de santé — Interopérabilité des dispositifs —

*Partie 10201: Communication entre dispositifs médicaux sur le site
des soins — Modèle d'informations du domaine*

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ISO/IEEE 11073-10201 was prepared by the IEEE 11073 Standards Committee of the IEEE Engineering in Medicine and Biology Society (as IEEE Std 11073-10201-2018) and drafted in accordance with its editorial rules. It was adopted, under the “fast-track procedure” defined in the Partner Standards Development Organization cooperation agreement between ISO and IEEE, by Technical Committee ISO/TC 215, *Health informatics*.

This second edition cancels and replaces the first edition (ISO/IEEE 11073-10201:2004), which has been technically revised.

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IEEE Std 11073-10201™-2018
(Revision of
IEEE Std 11073-10201-2004)

Health informatics—Point-of-care medical device communication

Part 10201: Domain Information Model

Sponsor

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

Approved 5 December 2018

IEEE-SA Standards Board

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ISO/IEEE 11073-10201:2020(E)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for point-of-care medical device communication, an abstract, object-oriented domain information model that specifies the structure of exchanged information, as well as the events and services that are supported by each type of object, is provided in this standard. All data structure elements are specified using abstract syntax (ASN.1) and may be applied to many different implementation technologies, transfer syntaxes, and application service models. Core subjects include medical, alert, system, patient, control, archival, communication, and extended services. Model extensibility is supported, and a conformance model and statement template is provided.

Keywords: abstract syntax, alarm, alert, ASN.1, DIM, domain information model, IEEE 11073-10201™, information model, medical device communications, medical information bus, MIB, object-oriented, patient, POC, point-of-care, remote control

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