



International
Standard

ISO/IEEE
11073-10206

**Health informatics — Device
interoperability —**

Part 10206:
**Personal health device
communication — Abstract content
information model**

Informatique de santé — Interopérabilité des dispositifs —

*Partie 10206: Communication entre dispositifs de santé
personnels — Modèle d'information de contenu abstrait*

First edition
2024-07

iTeh Standards
(<https://standards.iteh.ai>)
Document Preview

[ISO/IEEE 11073-10206:2024](https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024)

<https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024>



COPYRIGHT PROTECTED DOCUMENT

© IEEE 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from IEEE at the address below.

Institute of Electrical and Electronics Engineers, Inc
3 Park Avenue, New York
NY 10016-5997, USA

Email: stds.ipr@ieee.org
Website: www.ieee.org

Published in Switzerland

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.

The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted (see www.iso.org/directives).

IEEE Standards documents are developed within the IEEE Societies and the Standards Coordinating Committees of the IEEE Standards Association (IEEE-SA) Standards Board. The IEEE develops its standards through a consensus development process, approved by the American National Standards Institute, which brings together volunteers representing varied viewpoints and interests to achieve the final product. Volunteers are not necessarily members of the Institute and serve without compensation. While the IEEE administers the process and establishes rules to promote fairness in the consensus development process, the IEEE does not independently evaluate, test, or verify the accuracy of any of the information contained in its standards.

ISO draws attention to the possibility that the implementation of this document may involve the use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights.

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see www.iso.org/iso/foreword.html.

ISO/IEEE 11073-10206 was prepared by the *IEEE 11073 Standards Committee of the IEEE Engineering in Medicine and Biology Society* (as IEEE Std 11073-10206-2022) 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*.

A list of all parts in the ISO/IEEE 11073 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Health Informatics—Device Interoperability—

Part 10206: Personal Health Device Communication—Abstract Content Information Model

Developed by the

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

Approved 21 September 2022

IEEE SA Standards Board

[ISO/IEEE 11073-10206:2024](https://standards.iteh.ai/)

<https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024>

ISO/IEEE 11073-10206:2024(en)

Abstract: Within the context of the ISO/IEEE 11073 family of standards for device communication, a simplified framework for making an abstract model of personal health data is available in this standard. The specification addresses the structure and content of information. It does not address communication of the information between devices.

Keywords: device interoperability, IEEE 11073-10206™, personal health device communication

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[ISO/IEEE 11073-10206:2024](https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024)

<https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024>

The Institute of Electrical and Electronics Engineers, Inc.
3 Park Avenue, New York, NY 10016-5997, USA

Copyright © 2023 by The Institute of Electrical and Electronics Engineers, Inc.
All rights reserved. Published 27 January 2023. Printed in the United States of America.

IEEE is a registered trademark in the U.S. Patent & Trademark Office, owned by The Institute of Electrical and Electronics Engineers, Incorporated.

PDF: ISBN 978-1-5044-9332-1 STD25880
Print: ISBN 978-1-5044-9333-8 STDPD25880

IEEE prohibits discrimination, harassment, and bullying.

For more information, visit <https://www.ieee.org/about/corporate/governance/p9-26.html>.

No part of this publication may be reproduced in any form, in an electronic retrieval system or otherwise, without the prior written permission of the publisher.

Important Notices and Disclaimers Concerning IEEE Standards Documents

IEEE Standards documents are made available for use subject to important notices and legal disclaimers. These notices and disclaimers, or a reference to this page (<https://standards.ieee.org/ipr/disclaimers.html>), appear in all standards and may be found under the heading “Important Notices and Disclaimers Concerning IEEE Standards Documents.”

Notice and Disclaimer of Liability Concerning the Use of IEEE Standards Documents

IEEE Standards documents are developed within IEEE Societies and subcommittees of IEEE Standards Association (IEEE SA) Board of Governors. IEEE develops its standards through an accredited consensus development process, which brings together volunteers representing varied viewpoints and interests to achieve the final product. IEEE Standards are documents developed by volunteers with scientific, academic, and industry-based expertise in technical working groups. Volunteers are not necessarily members of IEEE or IEEE SA and participate without compensation from IEEE. While IEEE administers the process and establishes rules to promote fairness in the consensus development process, IEEE does not independently evaluate, test, or verify the accuracy of any of the information or the soundness of any judgments contained in its standards.

IEEE makes no warranties or representations concerning its standards, and expressly disclaims all warranties, express or implied, concerning this standard, including but not limited to the warranties of merchantability, fitness for a particular purpose and non-infringement. In addition, IEEE does not warrant or represent that the use of the material contained in its standards is free from patent infringement. IEEE standards documents are supplied “AS IS” and “WITH ALL FAULTS.”

Use of an IEEE standard is wholly voluntary. The existence of an IEEE Standard does not imply that there are no other ways to produce, test, measure, purchase, market, or provide other goods and services related to the scope of the IEEE standard. Furthermore, the viewpoint expressed at the time a standard is approved and issued is subject to change brought about through developments in the state of the art and comments received from users of the standard.

In publishing and making its standards available, IEEE is not suggesting or rendering professional or other services for, or on behalf of, any person or entity, nor is IEEE undertaking to perform any duty owed by any other person or entity to another. Any person utilizing any IEEE Standards document, should rely upon his or her own independent judgment in the exercise of reasonable care in any given circumstances or, as appropriate, seek the advice of a competent professional in determining the appropriateness of a given IEEE standard.

IN NO EVENT SHALL IEEE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO: THE NEED TO PROCURE SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE PUBLICATION, USE OF, OR RELIANCE UPON ANY STANDARD, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE AND REGARDLESS OF WHETHER SUCH DAMAGE WAS FORESEEABLE.

Translations

The IEEE consensus development process involves the review of documents in English only. In the event that an IEEE standard is translated, only the English version published by IEEE is the approved IEEE standard.

Official statements

A statement, written or oral, that is not processed in accordance with the IEEE SA Standards Board Operations Manual shall not be considered or inferred to be the official position of IEEE or any of its committees and shall not be considered to be, nor be relied upon as, a formal position of IEEE. At lectures, symposia, seminars, or educational courses, an individual presenting information on IEEE standards shall make it clear that the presenter's views should be considered the personal views of that individual rather than the formal position of IEEE, IEEE SA, the Standards Committee, or the Working Group. Statements made by volunteers may not represent the formal position of their employer(s) or affiliation(s).

Comments on standards

Comments for revision of IEEE Standards documents are welcome from any interested party, regardless of membership affiliation with IEEE or IEEE SA. However, **IEEE does not provide interpretations, consulting information, or advice pertaining to IEEE Standards documents.**

Suggestions for changes in documents should be in the form of a proposed change of text, together with appropriate supporting comments. Since IEEE standards represent a consensus of concerned interests, it is important that any responses to comments and questions also receive the concurrence of a balance of interests. For this reason, IEEE and the members of its Societies and subcommittees of the IEEE SA Board of Governors are not able to provide an instant response to comments, or questions except in those cases where the matter has previously been addressed. For the same reason, IEEE does not respond to interpretation requests. Any person who would like to participate in evaluating comments or in revisions to an IEEE standard is welcome to join the relevant IEEE working group. You can indicate interest in a working group using the Interests tab in the Manage Profile & Interests area of the [IEEE SA myProject system](https://standards.ieee.org/myproject).¹ An IEEE Account is needed to access the application.

Comments on standards should be submitted using the [Contact Us](#) form.²

Laws and regulations

Users of IEEE Standards documents should consult all applicable laws and regulations. Compliance with the provisions of any IEEE Standards document does not constitute compliance to any applicable regulatory requirements. Implementers of the standard are responsible for observing or referring to the applicable regulatory requirements. IEEE does not, by the publication of its standards, intend to urge action that is not in compliance with applicable laws, and these documents may not be construed as doing so.

Data privacy

Users of IEEE Standards documents should evaluate the standards for considerations of data privacy and data ownership in the context of assessing and using the standards in compliance with applicable laws and regulations.

Copyrights

IEEE draft and approved standards are copyrighted by IEEE under US and international copyright laws. They are made available by IEEE and are adopted for a wide variety of both public and private uses. These include both use, by reference, in laws and regulations, and use in private self-regulation, standardization, and the promotion of engineering practices and methods. By making these documents available for use and adoption

¹ Available at: <https://development.standards.ieee.org/myproject-web/public/view.html#landing>.

² Available at: <https://standards.ieee.org/content/ieee-standards/en/about/contact/index.html>.

by public authorities and private users, neither IEEE nor its licensors waive any rights in copyright to the documents.

Photocopies

Subject to payment of the appropriate licensing fees, IEEE will grant users a limited, non-exclusive license to photocopy portions of any individual standard for company or organizational internal use or individual, non-commercial use only. To arrange for payment of licensing fees, please contact Copyright Clearance Center, Customer Service, 222 Rosewood Drive, Danvers, MA 01923 USA; +1 978 750 8400; <https://www.copyright.com/>. Permission to photocopy portions of any individual standard for educational classroom use can also be obtained through the Copyright Clearance Center.

Updating of IEEE Standards documents

Users of IEEE Standards documents should be aware that these documents may be superseded at any time by the issuance of new editions or may be amended from time to time through the issuance of amendments, corrigenda, or errata. An official IEEE document at any point in time consists of the current edition of the document together with any amendments, corrigenda, or errata then in effect.

Every IEEE standard is subjected to review at least every 10 years. When a document is more than 10 years old and has not undergone a revision process, it is reasonable to conclude that its contents, although still of some value, do not wholly reflect the present state of the art. Users are cautioned to check to determine that they have the latest edition of any IEEE standard.

In order to determine whether a given document is the current edition and whether it has been amended through the issuance of amendments, corrigenda, or errata, visit [IEEE Xplore](#) or [contact IEEE](#).³ For more information about the IEEE SA or IEEE's standards development process, visit the IEEE SA Website.

Errata

Errata, if any, for all IEEE standards can be accessed on the [IEEE SA Website](#).⁴ Search for standard number and year of approval to access the web page of the published standard. Errata links are located under the Additional Resources Details section. Errata are also available in [IEEE Xplore](#). Users are encouraged to periodically check for errata.

Patents

IEEE Standards are developed in compliance with the [IEEE SA Patent Policy](#).⁵

Attention is called to the possibility that implementation of this standard may require use of subject matter covered by patent rights. By publication of this standard, no position is taken by the IEEE with respect to the existence or validity of any patent rights in connection therewith. If a patent holder or patent applicant has filed a statement of assurance via an Accepted Letter of Assurance, then the statement is listed on the IEEE SA Website at <https://standards.ieee.org/about/sasb/patcom/patents.html>. Letters of Assurance may indicate whether the Submitter is willing or unwilling to grant licenses under patent rights without compensation or under reasonable rates, with reasonable terms and conditions that are demonstrably free of any unfair discrimination to applicants desiring to obtain such licenses.

³ Available at: <https://ieeexplore.ieee.org/browse/standards/collection/ieee>.

⁴ Available at: <https://standards.ieee.org/standard/index.html>.

⁵ Available at: <https://standards.ieee.org/about/sasb/patcom/materials.html>.

ISO/IEEE 11073-10206:2024(en)

Essential Patent Claims may exist for which a Letter of Assurance has not been received. The IEEE is not responsible for identifying Essential Patent Claims for which a license may be required, for conducting inquiries into the legal validity or scope of Patents Claims, or determining whether any licensing terms or conditions provided in connection with submission of a Letter of Assurance, if any, or in any licensing agreements are reasonable or non-discriminatory. Users of this standard are expressly advised that determination of the validity of any patent rights, and the risk of infringement of such rights, is entirely their own responsibility. Further information may be obtained from the IEEE Standards Association.

IMPORTANT NOTICE

IEEE Standards do not guarantee or ensure safety, security, health, or environmental protection, or ensure against interference with or from other devices or networks. IEEE Standards development activities consider research and information presented to the standards development group in developing any safety recommendations. Other information about safety practices, changes in technology or technology implementation, or impact by peripheral systems also may be pertinent to safety considerations during implementation of the standard. Implementers and users of IEEE Standards documents are responsible for determining and complying with all appropriate safety, security, environmental, health, and interference protection practices and all applicable laws and regulations.

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[ISO/IEEE 11073-10206:2024](https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024)

<https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024>

Participants

At the time this standard was completed, the Personal Health Devices Working Group had the following membership:

Daidi Zhong, *Chair*
Michael Kirwan, *Vice Chair*
Raymond Krasinski, *Secretary*

Karsten Aalders	Todd H. Cooper	Nathaniel Hamming
Charles R. Abbruscato	Sandra Costanzo	Rickey L. Hampton
Nabil Abujbara	Douglas Coup	Sten Hanke
Maher Abuzaid	Nigel Cox	Aki Harma
James Agnew	Hans Crommenacker	Jordan Hartmann
Manfred Aigner	Tomio Crosley	Kai Hassing
Jorge Alberola	Allen Curtis	Avi Hauser
David Aparisi	David Davenport	Nathaniel Heintzman
Lawrence Arne	Russell Davis	Charles Henderson
Diego B. Arquillo	Sushil K. Deka	Jun-Ho Her
Serafin Arroyo	Ciro de la Vega	Timothy L. Hirou
Muhammad Asim	Jim Dello Stritto	Allen Hobbs
Kit August	Kent Dicks	Alex Holland
Doug Baird	Hyoungdo Do	Arto Holopainen
David Baker	Fangjie Dong	Kris Holtzclaw
Anindya Bakshi	Jonathan Dougherty	Robert Hoy
Ananth Balasubramanian	Xiaolian Duan	Anne Huang
Sunlee Bang	Sourav Dutta	Guiling Huang
M. Jonathan Barkley	Jakob Ehrensvar	Zhiyong Huang
Gilberto Barrón	Fredrik Einberg	David Hughes
David Bean	Javier Escayola Calvo	Robert D. Hughes
John Bell	Mark Estes	Jiyoung Huh
Olivia Bellamou-Huet	Leonardo Estevez	Hugh Hunter
Rudy Belliardi	Bosco T. Fernandes	Philip O. Isaacson
Daniel Bernstein	Christoph Fischer	Atsushi Ito
George A. Bertos	Morten Flintrup	Michael Jaffe
Chris Biernacki	Russell Foster	Praduman Jain
Ola Björnsne	Eric Freudenthal	Hu Jin
Thomas Blackadar	Matthias Frohner	Danny Jochelson
Thomas Bluethner	Kenneth Fuchs	Akiyoshi Kabe
Douglas P. Bogia	Jing Gao	Steve Kahle
Xavier Boniface	Marcus Garbe	Tomio Kamioka
Shannon Boucousis	John Garguilo	James J. Kang
Lyle G. Bullock, Jr.	Liang Ge	Kei Kariya
Bernard Burg	Rick Geimer	Andy Kaschl
Chris Burns	Igor Gejdos	Junzo Kashihara
Jeremy Byford-Rew	Ferenc Gerbovics	Ralph Kent
Satya Calloji	Alan Godfrey	Laurie M. Kermes
Carole C. Carey	Nicolae Goga	Sanjay R. Kharche
Craig Carlson	Julian Goldman	Ahmad Kheirandish
Santiago Carot-Nemesio	Raul Gonzalez Gomez	Junhyung Kim
Seungchul Chae	Chris Gough	Minho Kim
Yao Chen	Channa Gowda	Min-Joon Kim
Jing Cheng	Charles M. Gropper	Taekon Kim
Peggy Chien	Amit Gupta	Tetsuya Kimura
David Chiu	Jeff Guttmacher	Alfred Kloos
Jinyong Choi	Rasmus Haahr	Edward Koch
Chia-Chin Chong	Christian Habermann	Jeongmee Koh
Jinhan Chung	Michael Hagerty	Jean-Marc Koller
John A. Cogan	Jerry Hahn	John Koon
John T. Collins	Robert Hall	Patty Krantz
Cory Condek	Shu Han	Alexander Kraus

ISO/IEEE 11073-10206:2024(en)

Ramesh Krishna	Hanna Park	Lars Steubesand
Geoffrey Kruse	Jong-Tae Park	John (Ivo) Stivoric
Falko Kuester	Myungeun Park	Hermann Suominen
Rafael Lajara	Phillip E. Pash	Lee Surprenant
Pierre Landau	TongBi Pei	Ravi Swami
Jaechul Lee	Soren Petersen	Ray Sweidan
JongMuk Lee	James Petisce	Na Tang
Kyong Ho Lee	Peter Piction	Haruyuyki Tatsumi
Rami Lee	Michael Pliskin	Maria Isabel Tejero del Rio
Sungkee Lee	Varshney Prabodh	Tom Thompson
Woojae Lee	Jeff Price	Jonas Tirén
Qiong Li	Harald Prinzhorn	Janet Traub
Xiangchen Li	Harry Qiu	Jesús Daniel Trigo
Patrick Lichter	Tanzilur Rahman	Gary Tschautscher
Jisoon Lim	Phillip Raymond	Masato Tsuchid
Wei-Jung Lo	Terrie Reed	Ken Tubman
Charles Lowe	Barry Reinhold	Akib Uddin
Don Ludolph	Brian Reinhold	Sunil Unadkat
Christian Luszbek	Melvin I. Reynolds	Fabio Urbani
Bob MacWilliams	John G. Rhoads	Philipp Urbauer
Srikanth Madhurbootheswaran	Jeffrey S. Robbins	Laura Vanzago
Miriam L. Makhoul	Chris Roberts	Alpo Värri
M. Sabarimalai Manikandan	Moskowitz Robert	Andrei Vasileanu
Romain Marmot	Stefan Robert	Dalimar Velez
Sandra Martínez	Scott M. Robertson	Martha Velez
Miguel Martínez de	Timothy Robertson	Rudi Voon
Espronceda Cámara	Sean Roche	Isobel Walker
Peter Mayhew	David Rosales	David Wang
Jim McCain	Bill Saltzstein	Jerry P. Wang
László Meleg	Giovanna Sannino	Shiwei Wang
Alexander Mense	Jose A. Santos-Cadenas	Yao Wang
Behnaz Minaei	Stefan Sauermann	Yi Wang
Jinsei Miyazaki	John Sawyer	Steve Warren
Madhu Mohan	Alois Schloegl	Fujio Watanabe
Erik Moll	Paul S. Schluter	Toru Watsuji
Darr Moore	Mark G. Schnell	Kathleen Wible
Chris Morel	Richard A. Schrenker	Paul Williamson
Carsten Mueglitz	Antonio Scorpiniti	Jia-Rong Wu
Soundharya Nagasubramanian	KwangSeok Seo	Will Wykeham
Alex Neefus	Riccardo Serafin	Ariton Xhafa
Trong-Nghia Nguyen-Dobinsky	Sid Shaw	Ricky Yang
Michael E. Nidd	Frank Shen	Melanie S. Yeung
Jim Niswander	Min Shih	Qiang Yin
Hiroaki Niwamoto	Mazen Shihabi	Done-Sik Yoo
Thomas Norgall	Redmond Shouldice	Zhi Yu
Yoshiteru Nozoe	Sternly K. Simon	Jianchao Zeng
Abraham Ofek	Marjorie Skubic	Jason Zhang
Brett Olive	Robert Smith	Shiwei Zhao
Begonya Otal	Ivan Soh	Liang Zheng
Marco Paleari	Motoki Sone	Yuanhong Zhong
Bud Panjwani	Emily Sopensky	Qing Zhou
Carl Pantiskas	Rajagopalan Srinivasan	Miha Zoubek
Harry P. Pappas	Nicholas Steblay	Szymon Zyskotter

ISO/IEEE 11073-10206:2024(en)

The following members of the individual Standards Association balloting group voted on this standard. Balloters may have voted for approval, disapproval, or abstention.

Robert Aiello	Kenneth Fuchs	Javier Luiso
Bjoern Andersen	David Fuschi	H. Moll
Pradeep Balachandran	John Garguilo	Bansi Patel
Earle Bascom III	David Gregorczyk	Julio Pimentel
Thomas Blackadar	Charles M. Gropper	Esteban Pino
Lyle G. Bullock, Jr.	Werner Hoelzl	Dalibor Pokrajac
Juan Carreon	Raj Jain	Paul S. Schluter
Pin Chang	Piotr Karocki	Harry Solomon
Diego Chiozzi	Stuart Kerry	Eugene Stoudenmire
Euclides Chuma	Yongbum Kim	Maria Isabel Tejero del Rio
Todd H. Cooper	Edward Koch	John Vergis
Allen Curtis	Raymond Krasinski	Lisa Ward
Kurt Elliason	Jun Li	Karl Weber
Christoph Fischer	Ting Li	Oren Yuen
Immanuel Freedman	Juan Antonio Lloret Egea	Daidi Zhong

When the IEEE SA Standards Board approved this standard on 21 September 2022, it had the following membership:

David J. Law, Chair
Ted Burse, Vice Chair
Gary Hoffman, Past Chair
Konstantinos Karachalios, Secretary

Edward A. Addy	Johnny Daozhuang Lin	Mark Siira
Ramy Ahmed Fathy	Kevin Lu	Dorothy V. Stanley
J. Travis Griffith	Daleep C. Mohla	Lei Wang
Guido R. Hiertz	Andrew Myles	F. Keith Waters
Yousef Kimiagar	Damir Novosel	Karl Weber
Joseph L. Koepfinger*	Annette D. Reilly	Sha Wei
Thomas Koshy	Robby Robson	Philip B. Winston
John D. Kulick	Jon Walter Rosdahl	Daidi Zhong

*Member Emeritus

Introduction

This introduction is not part of IEEE Std 11073-10206-2022, Health Informatics—Device Interoperability—Part 10206: Personal Health Device Communication—Abstract Content Information Model.

ISO and IEEE 11073 standards enable communication between medical devices and external computer systems. This standard addresses a need for a simplified content model that can be used for personal health devices and is not tied to a method of communicating the content model. This standard aligns with, and draws upon, the existing clinically focused standards as well as implementation experience gained over the past decade.

Other closely related standards include the following:

ISO/IEEE 11073-20601:2022, Health informatics—Device interoperability—Part 20601: Personal health device communication—Application profile—Optimized exchange protocol [B12].⁶

iTeh Standards (<https://standards.iteh.ai>) Document Preview

[ISO/IEEE 11073-10206:2024](https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024)

<https://standards.iteh.ai/catalog/standards/iso/a2820a49-0c29-4a7d-9259-7a9cbe3a60ec/iso-ieee-11073-10206-2024>

⁶ The numbers in brackets correspond to those of the bibliography in Annex A.