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STN	**Formát dátového kontajnera pre údaje z nositeľného senzora**	**STN EN IEC 63430** 35 9350

Data container format for wearable sensor

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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EUROPEAN STANDARD
NORME EUROPÉENNE
EUROPÄISCHE NORM

EN IEC 63430

March 2025

ICS 35.240.50; 59.080.80

English Version

Data container format for wearable sensor (IEC 63430:2025)

Conteneur de données pour capteur prêt-à-porter (IEC 63430:2025)

Container Format für Daten von tragbaren Sensoren (IEC 63430:2025)

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Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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

Ref. No. EN IEC 63430:2025 E

European foreword

The text of document 100/4141/CDV, future edition 1 of IEC 63430, prepared by TC 100/Technical Area 18 "Multimedia home systems and applications for end-user networks" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 63430:2025.

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)	2026-03-31
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In the official version, for Bibliography, the following notes have to be added for the standard indicated:

IEC 63203-801-1:2022	NOTE	Approved as EN IEC 63203-801-1:2022 (not modified)
IEC 63203-801-2:2022	NOTE	Approved as EN IEC 63203-801-2:2022 (not modified)

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NORME INTERNATIONALE

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Conteneur de données pour capteur prêt-à-porter

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INTERNATIONAL STANDARD

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CONTENTS

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DATA CONTAINER FORMAT FOR WEARABLE SENSOR

FOREWORD

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IEC 63430 has been prepared by Technical Area 18: Multimedia home systems and applications for end-user networks, of IEC Technical Committee 100: Audio, video and multimedia systems and equipment. It is an International Standard.

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

Draft	Report on voting
100/4141/CDV	100/4178/RVC

Full information on the voting for its approval can be found in the report on voting indicated in the above table.

The language used for the development of this International Standard is English.

This document was drafted in accordance with ISO/IEC Directives, Part 2, and developed in accordance with ISO/IEC Directives, Part 1 and ISO/IEC Directives, IEC Supplement, available at www.iec.ch/members_experts/refdocs. The main document types developed by IEC are described in greater detail at www.iec.ch/publications.

The committee has decided that the contents of this document will remain unchanged until the stability date indicated on the IEC website under webstore.iec.ch in the data related to the specific document. At this date, the document will be

- reconfirmed,
- withdrawn, or
- revised.

INTRODUCTION

The target audience for this document includes the following stakeholders who have an interest in the systems and services using wearable devices:

- Consumer electronics (CE) and Information Communications Technology (ICT) device manufacturers.
- System integrators who want to utilize wearable device and technologies.
- Service operators who are interested in the IoT and multimedia systems and services.
- Stakeholders who want to understand the technologies and requirements for wireless connectivity between wearable sensor nodes and hub coordinator.

DATA CONTAINER FORMAT FOR WEARABLE SENSOR

1 Scope

This International Standard specifies a Container format for sensing data and its system requirements. This document applies to edge computing devices such as smartphones, home gateways, multimedia coordinators, etc., and cloud systems.

This document describes the following technical specifications:

- Container format for wearable sensor data,
- Schema Repository that defines the parameters and syntax of sensor data,
- Communication and system requirements between the edge computing device and Schema Repository.

2 Normative references

There are no normative references in this document.