SLOVENSKI STANDARD
SIST EN IEC 62657-4:2022

01-oktober-2022

Industrijska omrežja - Soobstoj brezžičnih sistemov - 4. del: Upravljanje soobstoja s centraliziranim usklajevanjem brezžičnih aplikacij (IEC 62657-4:2022)

Industrial networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications (IEC 62657-4:2022)

Industrielle Kommunikationsnetze - Koexistenz von Funksystemen - Teil 4: Koexistenz-Management mit zentraler Koordination von Funkanwendungen
(IEC 62657-4:2022)

Réseaux industriels - Coexistence des systèmes sans fil - Partie 4: Gestion de coexistence avec coordination centralisée des applications sans fil
(IEC 62657-4:2022)

Ta slovenski standard je istoveten z: **EN IEC 62657-4:2022**

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.110	Omreževanje	Networking

SIST EN IEC 62657-4:2022 **en,fr,de**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 62657-4

July 2022

ICS 25.040

English Version

Industrial networks - Coexistence of wireless systems - Part 4: Coexistence management with central coordination of wireless applications (IEC 62657-4:2022)

Réseaux industriels - Coexistence des systèmes sans fil - Partie 4: Gestion de coexistence avec coordination centralisée des applications sans fil (IEC 62657-4:2022)

Industrielle Kommunikationsnetze - Koexistenz von Funksystemen - Teil 4: Koexistenz-Management mit zentraler Koordination von Funkanwendungen (IEC 62657-4:2022)

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European Committee for Electrotechnical Standardization
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 62657-4:2022 E

European foreword

The text of document 65C/1164/FDIS, future edition 1 of IEC 62657-4, prepared by SC 65C "Industrial networks" of IEC/TC 65 "Industrial-process measurement, control and automation" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 62657-4:2022.

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) 2023-04-04
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2025-07-04

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In the official version, for Bibliography, the following notes have to be added for the standards indicated:

IEC 61360 (series)	NOTE	Harmonized as EN 61360 (series)
IEC 61784-2	NOTE	Harmonized as EN IEC 61784-2
IEC 62591	NOTE	Harmonized as EN 62591
IEC 62601	NOTE	Harmonized as EN 62601
IEC 62657 (series)	NOTE	Harmonized as EN 62657 (series)
IEC 62734	NOTE	Harmonized as EN 62734
IEC 62769 (series)	NOTE	Harmonized as EN IEC 62769 (series)
IEC 62948	NOTE	Harmonized as EN 62948

Annex ZA
(normative)

Normative references to international publications with their corresponding European publications

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE 1 Where an International Publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

NOTE 2 Up-to-date information on the latest versions of the European Standards listed in this annex is available here: www.cenelec.eu.

Publication	Year	Title	EN/HD	Year
IEC 62657-2	2022	Industrial communication networks - Coexistence of wireless systems - Part 2: Coexistence management	EN IEC 62657-2	2022
IEC 62443	series	Security for industrial automation and control systems	-	-
ISO/IEC 10731	-	Information technology - Open Systems Interconnection - Basic Reference Model - Conventions for the definition of OSI services	-	-

IEC 62657-4

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INTERNATIONAL STANDARD

NORME INTERNATIONALE

colour inside

Industrial networks – Coexistence of wireless systems – Part 4: Coexistence management with central coordination of wireless applications

Réseaux industriels – Coexistence des systèmes sans fil – Partie 4: Gestion de coexistence avec coordination centralisée des applications sans fil

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INDUSTRIAL NETWORKS – COEXISTENCE OF WIRELESS SYSTEMS –

Part 4: Coexistence management with central coordination of wireless applications

FOREWORD

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IEC 62657-4 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation. It is an International Standard.

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

Draft	Report on voting
65C/1164/FDIS	65C/1170/RVD

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/standardsdev/publications.

A list of all parts in the IEC 62657 series, published under the general title *Industrial networks – Coexistence of wireless systems*, can be found on the IEC website.

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,
- replaced by a revised edition, or
- amended.

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INTRODUCTION

The IEC 62657 series provides background, foundations, process and examples to achieve wireless coexistence. With a coexistence management process according to IEC 62657-2, a predictable assuredness of coexistence can be achieved for a given spectrum while ensuring that application requirements continue to be met. The present document provides an automated coexistence management.