
**Industrijska komunikacijska omrežja - Specifikacije za procesna vodila - 3-2. del:
Definicija opravil na ravni podatkovnih povezav - Elementi tipa 2 (IEC 61158-3-
2:2014/Amd 1:2019)**

Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer
service definition - Type 2 elements (IEC 61158-3-2:2014/Amd 1:2019)

Industrielle Kommunikationsnetze - Feldbusse - Teil 3-2: Dienstfestlegungen des Data
Link Layer (Sicherheitsschicht) - Typ 2-Elemente (IEC 61158-3-2:2014/Amd 1:2019)

Réseaux de communication industriels - Spécifications des bus de terrain - Partie 3-2:
Définition des services de la couche liaison de données - Éléments de type 2 (IEC 61158
-3-2:2014/Amd 1:2019)

Ta slovenski standard je istoveten z: EN 61158-3-2:2014/A1:2019

ICS:

25.040.40	Merjenje in krmiljenje industrijskih postopkov	Industrial process measurement and control
35.100.20	Podatkovni povezovalni sloj	Data link layer
35.110	Omreževanje	Networking

SIST EN 61158-3-2:2015/A1:2019 en,fr,de

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SIST EN 61158-3-2:2015/A1:2019

<https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-59426cf2ddec/sist-en-61158-3-2-2015-a1-2019>

EUROPEAN STANDARD

EN 61158-3-2:2014/A1

NORME EUROPÉENNE

EUROPÄISCHE NORM

June 2019

ICS 25.040.40; 35.100.20; 35.110

English Version

**Industrial communication networks - Fieldbus specifications -
Part 3-2: Data-link layer service definition - Type 2 elements
(IEC 61158-3-2:2014/Amd 1:2019)**

Réseaux de communication industriels - Spécifications des
bus de terrain - Partie 3-2: Définition des services de la
couche liaison de données - Eléments de type 2
(IEC 61158-3-2:2014/Amd 1:2019)

Industrielle Kommunikationsnetze - Feldbusse - Teil 3-2:
Dienstfestlegungen des Data Link Layer
(Sicherheitsschicht) - Typ 2-Elemente
(IEC 61158-3-2:2014/Amd 1:2019)

This amendment A1 modifies the European Standard EN 61158-3-2:2014; it was approved by CENELEC on 2019-05-23. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this amendment the status of a national standard without any alteration.

Up-to-date lists and bibliographical references concerning such national standards may be obtained on application to the CEN-CENELEC Management Centre or to any CENELEC member.

STANDARD PREVIEW
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This amendment exists in three official versions (English, French, German). A version in any other language made by translation under the responsibility of a CENELEC member into its own language and notified to the CEN-CENELEC Management Centre has the same status as the official versions.

[SIST EN 61158-3-2:2015/A1:2019](https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-sist-en-61158-3-2-2015/a1-2019)

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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

EN 61158-3-2:2014/A1:2019 (E)**European foreword**

The text of document 65C/945/FDIS, future IEC 61158-3-2/Amd 1, 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 61158-3-2:2014/A1:2019.

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) 2020-02-23
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2022-05-23

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. CENELEC shall not be held responsible for identifying any or all such patent rights.

Endorsement notice**iTeh STANDARD PREVIEW**

The text of the International Standard IEC 61158-3-2:2014/Amd 1:2019 was approved by CENELEC as a European Standard without any modification.

Replace the Bibliography of EN 61158-3-2:2014 by:
<https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-59426cf2ddec/sist-en-61158-3-2-2015-a1-2019>

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

- IEC 61158-1:2019 NOTE Harmonized as EN IEC 61158-1:2019 (not modified)
- IEC 61158-2:2014 NOTE Harmonized as EN 61158-2:2014 (not modified)
- IEC 61158-5-2:2019 NOTE Harmonized as EN IEC 61158-5-2:2019 (not modified)
- IEC 61784-1:2019 NOTE Harmonized as EN IEC 61784-1:2019 (not modified)
- IEC 61784-2:2019 NOTE Harmonized as EN IEC 61784-2:2019 (not modified)

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.

Annex ZA of EN 61158-3-2 applies expect for the following:

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
<i>Replacement</i>				
IEC 61558-4-2	2019	Industrial communication networks - Fieldbus specifications - Part 4-2: Data-link layer protocol specification - Type 2 elements	EN IEC 61558-4-2	2019

[SIST EN 61158-3-2:2015/A1:2019
https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-59426cf2ddec/sist-en-61158-3-2-2015-a1-2019](https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-59426cf2ddec/sist-en-61158-3-2-2015-a1-2019)

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INTERNATIONAL STANDARD

AMENDMENT 1

**Industrial communication networks – Fieldbus specifications –
Part 3-2: Data-link layer service definition – Type 2 elements**

STANDARD PREVIEW
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SIST EN 61158-3-2:2015/A1:2019
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FOREWORD

This amendment has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

The text of this amendment is based on the following documents:

FDIS	Report on voting
65C/945/FDIS	65C/954/RVD

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

The committee has decided that the contents of this amendment and the base publication will remain unchanged until the stability date indicated on the IEC web site under "<http://webstore.iec.ch>" in the data related to the specific publication. At this date, the publication will be

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

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A bilingual version of this publication (standards.iteh.ai) may be issued at a later date.

[SIST EN 61158-3-2:2015/A1:2019](https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-59426cf2ddec/sist-en-61158-3-2-2015-a1-2019)

<https://standards.iteh.ai/catalog/standards/sist/1f63fe21-fd8f-44b9-a643-59426cf2ddec/sist-en-61158-3-2-2015-a1-2019>

INTRODUCTION

Source documents referenced by this standard have been updated, this needs to be reflected in the corresponding sections of the document.

2 Normative references

Replace "IEC 61158-4-2:2014" with "IEC 61158-4-2:2019":