

<b>STN</b>	<b>Priemyselné komunikačné siete Špecifikácie prevádzkových zberníc Časť 3-2: Definícia služieb údajovej vrstvy Prvky typu 2 Zmena A1</b>	<b>STN EN 61158-3-2/A1</b>  18 4020
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Industrial communication networks - Fieldbus specifications - Part 3-2: Data-link layer service definition - Type 2 elements

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

Táto norma bola oznámená vo Vestníku ÚNMS SR č. 09/19

STN EN 61158-3-2 z apríla 2015 sa bez tejto zmeny A1 môže používať do 23. 5. 2022.

Obsahuje: EN 61158-3-2:2014/A1:2019, IEC 61158-3-2:2014/AMD1:2019

**129498**

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.

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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

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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:*

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](http://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



IEC 61158-3-2

Edition 2.0 2019-04

# INTERNATIONAL STANDARD

AMENDMENT 1

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



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**IEC Glossary - [std.iec.ch/glossary](http://std.iec.ch/glossary)**

67 000 electrotechnical terminology entries in English and French extracted from the Terms and Definitions clause of IEC publications issued since 2002. Some entries have been collected from earlier publications of IEC TC 37, 77, 86 and CISPR.



IEC 61158-3-2

Edition 2.0 2019-04

# INTERNATIONAL STANDARD

AMENDMENT 1

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

INTERNATIONAL  
ELECTROTECHNICAL  
COMMISSION

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ICS 25.040.40; 35.100.20; 35.110

ISBN 978-2-8322-6785-1

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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.

A bilingual version of this publication may be issued at a later date.

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## INTRODUCTION

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

**koniec náhľadu – text ďalej pokračuje v platenej verzii STN**