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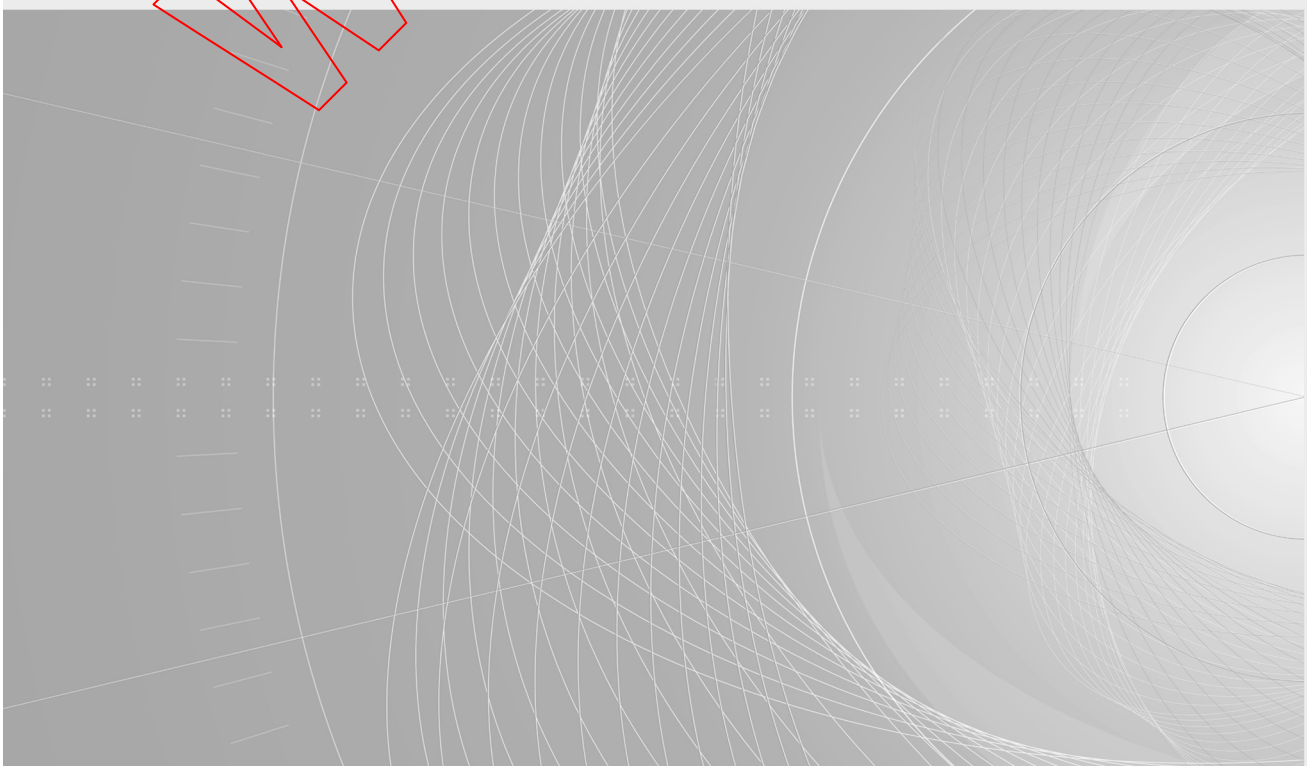
INTERNATIONAL STANDARD

Industrial communication networks – Fieldbus specifications – Part 6-2: Application layer protocol specification – Type 2 elements



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IEC Central Office
3, rue de Varembé
CH-1211 Geneva 20
Switzerland
Email: inmail@iec.ch
Web: www.iec.ch

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Fax: +41 22 919 03 00

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INDUSTRIAL COMMUNICATION NETWORKS – FIELDBUS SPECIFICATIONS –

Part 6-2: Application layer protocol specification – Type 2 elements

FOREWORD

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International Standard IEC 61158-6-2 has been prepared by subcommittee 65C: Industrial networks, of IEC technical committee 65: Industrial-process measurement, control and automation.

This second edition cancels and replaces the first edition published in 2007. This edition constitutes a technical revision.

The main changes with respect to the previous edition are listed below:

– Clause 2 and Bibliography: update of normative and bibliographic references;
– subclause 3.4: update of abbreviations;

– subclause 4.1.2.1: update list of service request/response PDUs (Time Sync and Parameter ASEs/objects);
– subclause 4.1.8.6: update of Time Sync ASE/object;
– new subclause 4.1.8.7: new Parameter ASE/object;
– subclause 4.1.9.4: minor update of a common parameter;
– subclause 4.1.10.2: update/add object and services codes for Time Sync and Parameter ASEs;
– subclause 4.1.11: minor updates of error codes;
– new subclause 11.7: new QoS specification.

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

FDIS	Report on voting
65C/607/FDIS	65C/621/RVD

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

This publication has been drafted in accordance with ISO/IEC Directives, Part 2.

A list of all parts of the IEC 61158 series, published under the general title *Industrial communication networks – Fieldbus specifications*, can be found on the IEC web site.

The committee has decided that the contents of this 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.

NOTE 2 The revision of this standard will be synchronized with the other parts of the IEC 61158 series.