

TECHNICAL SPECIFICATION



AMENDMENT 1

**Communication networks and systems for power utility automation –
Part 7-7: Machine-processable format of IEC 61850-related data models for tools**

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COMMUNICATION NETWORKS AND SYSTEMS FOR POWER UTILITY AUTOMATION

Part 7-7: Machine-processable format of IEC 61850-related data models for tools

CORRIGENDUM 1

INTRODUCTION TO CORRIGENDUM

a) Background

As part of the maintenance process for the standard, technical issues (called TISSUES) are collected through the website iec61850.tissue-db.com. A new TISSUE has been entered for IEC TS 61850-7-7:2018+AMD1:2023 which has to be implemented and published. This corrigendum notifies the replacement of the code component file IEC_TS_61850-7-7.2017.NSD.2017B5.full.zip by the following new code component file IEC_TS_61850-7-7.2017.NSD.2017B6.full.zip.

b) List of interoperability TISSUES to be released

The following tables provides an overview of the various TISSUES applicable to IEC TS 61850-7-7:2018+AMD1:2023 that will be released with this corrigendum. The table indicates the number of the TISSUE, the title, and an indication if the code component is impacted. The indication for the code component is in the column “CC” as follows:

- L: the light version and the full version are impacted
- F: only the full version is impacted; this is typically a change only in the description of elements

Nr	Title	CC
1930	New PAS publication process is not supported by NSD	L

c) Published versions of the standard and related namespace names

The table below provides a reference between all published editions, amendments or corrigenda of this document and the full name of the namespace.

Edition	Publication date	Webstore	Namespace
Edition 1.0	2018-03	IEC 61850-7-7:2018	IEC 61850-7-7:2017A
Edition 1.1	2023-01	IEC 61850-7-7:2022	IEC 61850-7-7:2017B5
Edition 1.1/COR1	2024-10	IEC 61850-7-7:2022	IEC 61850-7-7:2017B6

d) Identification of the code component

The namespace associated with this document is an XML schema (XSD) defining the structure of NSD files describing IEC 61850 data models namespaces. The parameters which identify the namespace are provided in the table below:

Attributes of the IEC TS 61850-7-7 XML namespace

Attribute	Content
Namespace nameplate	
Namespace Identifier (xmlns)	http://www.iec.ch/61850/2016/NSD
Version	2017
Revision	B
Release	6
XSD version header attribute	2017B6
Recommended reference name	eIEC61850-7-7
Code Component Name	IEC_61850-7-7.2017.NSD.2017B6.full

Replace the existing code components file *IEC_TS_61850-7-7.2017.NSD.2017B5.full.zip* by the following new code components file: *IEC_TS_61850-7-7.2017.NSD.2017B6.full.zip*.

Table 1 – Reference between published versions of the standard and related namespace name

Add, at the end of Table 1, the following new row:

Edition 1.1/COR1	2024-10	IEC 61850-7-7:2022	IEC 61850-7-7:2017B6
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Table 2 – Attributes of xsd namespace

Replace existing Table 2 with the following new table:

Attribute	Content
Namespace nameplate	
Namespace Identifier (xmlns)	http://www.iec.ch/61850/2016/NSD
Version	2017
Revision	B
Release	6
XSD version header attribute	2017B6
Recommended reference name	eIEC61850-7-7
Code Component Name	IEC_61850-7-.2017.NSD.2017B6.full

1.3.2 XML schema namespace code component

Replace the existing text of the second paragraph of Subclause 1.3.2 with the following new text:

The full version is freely accessible on the IEC website for download at:

https://assets.iec.ch/public/tc57/IEC_61850-7-7.2017.NSD.2017B6.full.zip

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INTERNATIONAL ELECTROTECHNICAL COMMISSION

**COMMUNICATION NETWORKS AND
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of IEC 61850-related data models for tools****AMENDMENT 1****FOREWORD**

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Amendment 1 to IEC TS 61850-7-7:2018 has been prepared by IEC technical committee 57:Power systems management and associated information exchange.

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

Draft	Report on voting
57/2471/DTS	57/2523/RVDTS

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 Amendment is English.