SLOVENSKI STANDARD
SIST EN IEC 61970-301:2020

01-november-2020

Nadomešča:
SIST EN 61970-301:2017

Aplikacijski programski vmesnik za sistem upravljanja z energijo (EMS-API) - 301. del: Osnova skupnega informacijskega modela (CIM)

Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base

Schnittstelle für Anwendungsprogramme für Netzführungssysteme (EMS-API) - Teil 301: Allgemeines Informationsmodell (CIM), Basismodell

Interface de programmation d'application pour système de gestion d'énergie (EMS-API) - Partie 301: Base de modèle d'information commun (CIM)

Ta slovenski standard je istoveten z: **EN IEC 61970-301:2020**

ICS:

29.240.30	Krmilna oprema za elektroenergetske sisteme	Control equipment for electric power systems
35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

SIST EN IEC 61970-301:2020 **en**

EUROPEAN STANDARD

NORME EUROPÉENNE

EUROPÄISCHE NORM

EN IEC 61970-301

August 2020

ICS 33.200

Supersedes EN 61970-301:2017 and all of its amendments and corrigenda (if any)

English Version

Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base (IEC 61970-301:2020)

Interface de programmation d'application pour système de gestion d'énergie (EMS-API) - Partie 301: Base de modèle d'information commun (CIM)
(IEC 61970-301:2020)

Schnittstelle für Anwendungsprogramme für Netzführungssysteme (EMS-API) - Teil 301: Allgemeines Informationsmodell (CIM), Basismodell
(IEC 61970-301:2020)

This European Standard was approved by CENELEC on 2020-07-31. CENELEC members are bound to comply with the CEN/CENELEC Internal Regulations which stipulate the conditions for giving this European Standard 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.

This European Standard 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.

CENELEC members are the national electrotechnical committees of Austria, Belgium, Bulgaria, Croatia, Cyprus, the Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Iceland, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, the Netherlands, Norway, Poland, Portugal, Republic of North Macedonia, Romania, Serbia, Slovakia, Slovenia, Spain, Sweden, Switzerland, Turkey and the United Kingdom.

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 61970-301:2020 E

European foreword

The text of document 57/2210/FDIS, future edition 7 of IEC 61970-301, prepared by IEC/TC 57 "Power systems management and associated information exchange" was submitted to the IEC-CENELEC parallel vote and approved by CENELEC as EN IEC 61970-301:2020.

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)	2021-05-01
• latest date by which the national standards conflicting with the document have to be withdrawn	(dow)	2023-07-31

This document supersedes EN 61970-301:2017 and all of its amendments and corrigenda (if any).

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.

This document has been prepared under a mandate given to CENELEC by the European Commission and the European Free Trade Association.

Endorsement notice

The text of the International Standard IEC 61970-301:2020 was approved by CENELEC as a European Standard without any modification.

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

IEC 61850-7-3	NOTE	Harmonized as EN 61850-7-3
IEC 61968-11:2013	NOTE	Harmonized as EN 61968-11:2013 (not modified)
IEC 61970-501	NOTE	Harmonized as EN 61970-501
IEC 62325 (series)	NOTE	Harmonized as EN IEC 62325 (series)

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 61850	series	Communication networks and systems for power utility automation - Part 10: Conformance testing	EN 61850	series
IEC 61850-7-4	2010	Communication networks and systems for power utility automation - Part 7-4: Basic communication structure - Compatible logical node classes and data object classes	EN 61850-7-4	2010
IEC 61968	series	Application integration at electric utilities - System interfaces for distribution management - Part 1: Interface architecture and general recommendations	EN IEC 61968	series
IEC/TS 61970-2	-	Energy management system application program interface (EMS-API) - Part 2: Glossary	CLC/TS 61970-2	-
UML 2.0 Specification	-	Object Management Group: UML 2.0 Specification	-	-

IEC 61970-301

Edition 7.0 2020-06

INTERNATIONAL STANDARD

colour inside

Energy management system application program interface (EMS-API) – Part 301: Common information model (CIM) base

INTERNATIONAL ELECTROTECHNICAL COMMISSION

ICS 33.200

ISBN 978-2-8322-8502-2

CONTENTS