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BS EN 61970-301:2014



BSI Standards Publication

Energy management system application program interface (EMS-API)

Part 301: Common information model
(CIM) base

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This British Standard is the UK implementation of EN 61970-301:2014. It is identical to IEC 61970-301:2013. It supersedes BS EN 61970-301:2013 which is withdrawn.

The UK participation in its preparation was entrusted to Technical Committee PEL/57, Power systems management and associated information exchange.

A list of organizations represented on this committee can be obtained on request to its secretary.

This publication does not purport to include all the necessary provisions of a contract. Users are responsible for its correct application.

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English Version

Energy management system application program interface
(EMS-API) - Part 301: Common information model (CIM) base
(IEC 61970-301:2013)

Interface de programmation d'application pour système de
gestion d'énergie (EMS-API) - Part 301: Base de modèle
d'information commun (CIM)
(CEI 61970-301:2013)

Schnittstelle für Anwendungsprogramme für
Netzführungssysteme (EMS-API) - Teil 301: Allgemeines
Informationsmodell (CIM)
(IEC 61970-301:2013)

This European Standard was approved by CENELEC on 2014-01-17. 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.

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European Committee for Electrotechnical Standardization
Comité Européen de Normalisation Electrotechnique
Europäisches Komitee für Elektrotechnische Normung

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Foreword

The text of document 57/1395/FDIS, future edition 5 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 61970-301:2014.

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) 2015-01-18
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2017-01-17

This document supersedes EN 61970-301:2013.

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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 61970-301:2013 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 61968-11	NOTE	Harmonised in EN 61968-11.
IEC 61970-501	NOTE	Harmonised as EN 61970-501.

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ANNEX ZA
(normative)

**Normative references to international publications
with their corresponding European publications**

The following documents, in whole or in part, are normatively referenced in this document and are indispensable for its application. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

NOTE When an international publication has been modified by common modifications, indicated by (mod), the relevant EN/HD applies.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050	(Series)	International Electrotechnical Vocabulary (IEV)	-	-
IEC 60870-6	(Series)	Telecontrol equipment and systems - Part 6-802: Telecontrol protocols compatible with ISO standards and ITU-T recommendations - TASE.2 Object models	EN 60870-6	(Series)
IEC 61850	(Series)	Communication networks and systems for power utility automation	EN 61850	(Series)
IEC 61850-7-3	2010	Communication networks and systems for power utility automation - Part 7-3: Basic communication structure - Common data classes	EN 61850-7-3	2011
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	EN 61968	(Series)
IEC/TS 61970-2		Energy management system application program interface (EMS-API) - Part 2: Glossary	CLC/TS 61970-2	
IEC 62325	(Series)	Framework for energy market communications	EN 62325	(Series)
UML 2.0 - Object Group Management		Object Management Group: UML 2.0 Specification	-	-

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