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**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)  
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Interface de programmation d'application pour système de gestion d'énergie (EMS-API) -  
Partie 301: Base de modèle d'information commun (CIM)  
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35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

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**Energy management system application program interface  
(EMS-API) - Part 301: Common information model (CIM) base  
(IEC 61970-301:2016)**

Interface de programmation d'application pour système de  
gestion d'énergie (EMS-API) - Partie 301: Base de modèle  
d'information commun (CIM)  
(IEC 61970-301:2016)

Schnittstelle für Anwendungsprogramme für  
Netzführungssysteme (EMS-API) - Teil 301: Allgemeines  
Informationsmodell (CIM), Basismodell  
(IEC 61970-301:2016)

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**CEN-CENELEC Management Centre: Avenue Marnix 17, B-1000 Brussels**

**EN 61970-301:2017****European foreword**

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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 62325 Series.

**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 1 When 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)

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 60050	Series	International electrotechnical vocabulary (IEV)	-	-
IEC 61850	Series	Communication networks and systems for power utility automation	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 - <a href="https://standardscatalog.standards.iec.ch/0032c9b-8092-45ac-8180-aa787175ec0/sist-en-61970-301-2017">https://standardscatalog.standards.iec.ch/0032c9b-8092-45ac-8180-aa787175ec0/sist-en-61970-301-2017</a> 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	-
UML 2.0 - Object Management group	-	Object Management Group: UML 2.0 Specification	-	-

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# INTERNATIONAL STANDARD

## NORME INTERNATIONALE



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

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

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