



SLOVENSKI STANDARD
SIST EN IEC 61970-457:2021

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Aplikacijski programski vmesnik za sistem upravljanja z energijo (EMS-API) - 457.
del: Dinamični profil

Energy Management System Application Program Interface (EMS-API) – Part 457:
Dynamics profile

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ICS:

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35.200	Vmesniška in povezovalna oprema	Interface and interconnection equipment

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EUROPEAN STANDARD
NORME EUROPÉENNE
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EN IEC 61970-457

April 2021

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English Version

**Energy Management system application program interface
(EMS-API) - Part 457: Dynamics profile
(IEC 61970-457:2021)**

Interface de programmation d'application pour système de
gestion d'énergie (EMS-API) - Partie 457: Profil de régime
dynamique
(IEC 61970-457:2021)

Schnittstelle für Anwendungsprogramme für
Netzführungssysteme - Teil 457: Profile zu Dynamiken
(IEC 61970-457:2021)

This European Standard was approved by CENELEC on 2021-04-20. 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.

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European Committee for Electrotechnical Standardization
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Europäisches Komitee für Elektrotechnische Normung

CEN-CENELEC Management Centre: Rue de la Science 23, B-1040 Brussels

EN IEC 61970-457:2021 (E)**European foreword**

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- latest date by which the document has to be implemented at national level by publication of an identical national standard or by endorsement (dop) 2022-01-20
- latest date by which the national standards conflicting with the document have to be withdrawn (dow) 2024-04-20

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

IEC 61400-27-1:2020	NOTE	Harmonized as EN IEC 61400-27-1:2020 (not modified)
IEC 61970-552:2016	NOTE	Harmonized as EN 61970-552:2016 (not modified)
IEC 61970-501:2006	NOTE	Harmonized as EN 61970-501:2006 (not modified)

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.

<u>Publication</u>	<u>Year</u>	<u>Title</u>	<u>EN/HD</u>	<u>Year</u>
IEC 61970-301	2020	Energy management system application program interface (EMS-API) - Part 301: Common information model (CIM) base	EN IEC 61970-301	2020
IEC 61970-302	2018	Energy management system application program interface (EMS-API) - Part 302: Common information model (CIM) dynamics	EN IEC 61970-302	2018
IEC 61970-452	2017	Energy management system application program interface (EMS-API) - Part 452: CIM static transmission network model profiles	EN 61970-452	2017
IEC 61970-456	2018	Energy management system application program interface (EMS-API) - Part 456: Solved power system state profiles	EN IEC 61970-456	2018

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Part 457: Dynamics profile** **(standards.iteh.ai)**

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