



National Standards Authority of Ireland
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IRISH STANDARD

I.S. EN 61970-407:2007

ICS 33.200

**ENERGY MANAGEMENT SYSTEM
APPLICATION PROGRAM INTERFACE
(EMS-API) -- PART 407: TIME SERIES DATA
ACCESS (TSDA) (IEC 61970-407:2007
(EQV))**

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I.S. EN 61970-407:2007

EUROPEAN STANDARD

EN 61970-407

NORME EUROPÉENNE

EUROPÄISCHE NORM

September 2007

ICS 33.200

English version

**Energy management system application program interface (EMS-API) -
Part 407: Time Series Data Access (TSDA)
(IEC 61970-407:2007)**

Interface de programmation d'application
pour système de gestion d'énergie
(EMS-API) -
Partie 407: Accès aux données
en série chronologique (TSDA)
(CEI 61970-407:2007)

Schnittstelle für Anwendungsprogramme
für Energiemanagementsysteme
(EMS-API) -
Teil 407: Zugriff auf Daten,
die auf Zeitfolgen beruhen (TSDA)
(IEC 61970-407:2007)

This European Standard was approved by CENELEC on 2007-09-01. 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 Central Secretariat 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 Central Secretariat has the same status as the official versions.

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CENELEC

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

Central Secretariat: rue de Stassart 35, B - 1050 Brussels

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Foreword

The text of document 57/889/FDIS, future edition 1 of IEC 61970-407, prepared by IEC TC 57, Power systems management and associated information exchange, was submitted to the IEC-CENELEC parallel vote and was approved by CENELEC as EN 61970-407 on 2007-09-01.

The following dates were fixed:

- | | | |
|--|-------|------------|
| – latest date by which the EN has to be implemented
at national level by publication of an identical
national standard or by endorsement | (dop) | 2008-06-01 |
| – latest date by which the national standards conflicting
with the EN have to be withdrawn | (dow) | 2010-09-01 |

Annex ZA has been added by CENELEC.

Endorsement notice

The text of the International Standard IEC 61970-407:2007 was approved by CENELEC as a European Standard without any modification.

Annex ZA (normative)

Normative references to international publications with their corresponding European publications

The following referenced documents are indispensable for the application 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 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 61970-1	– ¹⁾	Energy management system application program interface (EMS-API) - Part 1: Guidelines and general requirements	EN 61970-1	2006 ²⁾
IEC/TS 61970-2	– ¹⁾	Energy management system application program interface (EMS-API) - Part 2: Glossary	CLC/TS 61970-2	2005 ²⁾
IEC 61970-301	2003	Energy management system application program interface (EMS-API) - Part 301: Common Information Model (CIM) Base	EN 61970-301	2004
IEC/TS 61970-401	– ¹⁾	Energy management system application program interface (EMS-API) - Part 401: Component interface specification (CIS) framework	–	–
IEC 61970-402	– ³⁾	Energy management system application program interface (EMS-API) - Part 402: Component Interface Specification (CIS) - Common services	–	–
OMG HDAIS	2003	Historical Data Access from Industrial Systems (HDAIS)	–	–
OMG DAF	2002	Utility Management System (UMS) Data Access Facility (DAF)	–	–
OMG DAIS	2002	Data Acquisition from Industrial Systems (DAIS)	–	–
OPC HDA	2003	OPC Historical Data Access Custom Interface Specification	–	–

¹⁾ Undated reference.

²⁾ Valid edition at date of issue.

³⁾ At draft stage.

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