



National Standards Authority of Ireland  
Údarás um Chaighdeáin Náisiúnta na hÉireann

IRISH STANDARD

**I.S. EN 61970-404:2007**

ICS 33.200

**ENERGY MANAGEMENT SYSTEM  
APPLICATION PROGRAM INTERFACE  
(EMS-API) -- PART 404: HIGH SPEED DATA  
ACCESS (HSDA) (IEC 61970-404:2007  
(EQV))**

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**EUROPEAN STANDARD**

**EN 61970-404**

**NORME EUROPÉENNE**

**EUROPÄISCHE NORM**

September 2007

ICS 33.200

English version

**Energy management system application program interface (EMS-API) -  
Part 404: High Speed Data Access (HSDA)  
(IEC 61970-404:2007)**

Interface de programmation d'application  
pour système de gestion d'énergie  
(EMS-API) -  
Partie 404: Accès aux données  
haute vitesse (HSDA)  
(CEI 61970-404:2007)

Schnittstelle für Anwendungsprogramme  
für Energiemanagementsysteme  
(EMS-API) -  
Teil 404: Hochgeschwindigkeitsdatenzugang  
(HSDA)  
(IEC 61970-404:2007)

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.

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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**

## **I.S. EN 61970-404:2007**

EN 61970-404:2007

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### **Foreword**

The text of document 57/887/FDIS, future edition 1 of IEC 61970-404, 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 61970-404 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| – latest date by which the national standards conflicting with the EN have to be withdrawn   | (dow) | 2010-09-01 |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.

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### **Endorsement notice**

The text of the International Standard IEC 61970-404:2007 was approved by CENELEC as a European Standard without any modification.

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## **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	– <sup>1)</sup>	Energy management system application program interface (EMS-API) - Part 1: Guidelines and general requirements	EN 61970-1	2006 <sup>2)</sup>
IEC/TS 61970-2	– <sup>1)</sup>	Energy management system application program interface (EMS-API) - Part 2: Glossary	CLC/TS 61970-2	2005 <sup>2)</sup>
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	– <sup>1)</sup>	Energy management system application program interface (EMS-API) - Part 401: Component interface specification (CIS) framework	–	–
IEC 61970-402	– <sup>3)</sup>	Energy management system application program interface (EMS-API) - Part 402: Component Interface Specification (CIS) - Common services	–	–
OMG DAIS DA	2005	Data Acquisition from Industrial Systems section Data Access (DAIS DA)	–	–
OMG DAF	2005	Utility Management System (UMS) Data Access Facility (DAF)	–	–
OPC DA	2000	OPC Data Access Custom Interface Specification	–	–

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<sup>1)</sup> Undated reference.

<sup>2)</sup> Valid edition at date of issue.

<sup>3)</sup> At draft stage.



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