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STN	**Elektronické systémy pre byty a budovy (HBES) Časť 6-1: Rozhrania Rozhranie webových služieb**	**STN EN 50090-6-1** 36 8051

Home and Building Electronic Systems (HBES) - Part 6-1: Interfaces - Webservice interface

Táto norma obsahuje anglickú verziu európskej normy.
This standard includes the English version of the European Standard.

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English Version

Home and Building Electronic Systems (HBES) - Part 6-1: Interfaces - Webservice interface

Systèmes électroniques pour les foyers domestiques et les bâtiments (HBES) - Partie 6-1 : Interfaces - Interface de services web

Elektrische Systemtechnik für Heim und Gebäude (ESHG) - Teil 6-1: Schnittstellen - Webservice Schnittstelle

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

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

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European foreword

This document (EN 50090-6-1:2017) has been prepared by CLC/TC 205 “Home and Building Electronic Systems (HBES)”.

The following dates are fixed:

• latest date by which this document has to be implemented at national level by publication of an identical national standard or by endorsement	(dop)	2018-09-01
• latest date by which the national standards conflicting with this document have to be withdrawn	(dow)	2020-09-01

Introduction

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Information may be obtained from:

KNX Association De Kleetlaan 5, Bus 11

B-1831 Brussels-Diegem

Tel: +32 (0)2 775 86 44 Mob: +32 (0) 476 21 56 58 Fax: +32 (0)2 675 50 28

e-mail: info@knx.org

www.knx.org

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1 Scope

This European Standard defines a standardized web service based interface between Home and Building HBES Open Communication System and other information technology (IT) systems.

The standardized interface is encapsulated in a gateway device, the *HBES Gateway*, which is able to communicate with both the Home and Building HBES Open Communication System and the connected IT systems. The HBES Gateway implements a set of encoding standards (see 10.2) as well as various message exchange protocols (see 10.3) to enable remote access to the Home and Building HBES Open Communication System via the Internet or another wide area network (WAN). For this purpose, gateway profiles define different implementation levels (see 10.4).

2 Normative references

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.

EN 50090-1:2011, *Home and Building Electronic Systems (HBES) - Part 1: Standardization structure*

EN 50090-3-3, *Home and Building Electronic Systems (HBES) - Part 3-3: Aspects of application - HBES Interworking model and common HBES data types*