Home and Building Electronic Systems (HBES) - Part 3-2: Aspects of application - User process

EESTI STANDARDIKESKUS *EVS*
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NATIONAL FOREWORD

Käesolev Eesti standard EVS-EN 50090-3-2:2002 sisaldab Euroopa standardi EN 50090-3-2:1995 ingliskeelset teksti. Standard on kinnitatud Eesti Standardikeskuse 18.12.2002 käskkirjaga ja jõustub sellekohase teate avaldamisel EVS Teatajas.	This Estonian standard EVS-EN 50090-3-2:2002 consists of the English text of the European standard EN 50090-3-2:1995. This standard is ratified with the order of Estonian Centre for Standardisation dated 18.12.2002 and is endorsed with the notification published in the official bulletin of the Estonian national standardisation organisation.
Standard on kättesaadav Eesti standardiorganisatsioonist.	The standard is available from Estonian standardisation organisation.

ICS 97.120

application object, hbes function application layer, hbes reference model, home and building electronic systems (hbes), home electronic systems, open system interconnection (osi)

EUROPEAN STANDARD

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English version

Home and Building Electronic Systems (HBES)
Part 3-2: Aspects of application
User process

Systèmes électroniques pour les foyers domestiques et les bâtiments (HBES) Partie 3-2: Aspects de l'application Processus utilisateur	Elektrische Systemtechnik für Heim und Gebäude (ESHG) Teil 3-2: Anwendungsaspekte Anwendungsprozeß Klasse 1

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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

This European Standard has been prepared by the Technical Committee CENELEC TC 105, Home and Building Electronic Systems (HBES).

The text of the draft was submitted to the Unique Acceptance Procedure and was approved by CENELEC as EN 50090-3-2 on 1995-09-20.

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)   1996-06-01

- latest date by which the national standards
  conflicting with the EN have to be withdrawn   (dow)   1996-06-01

EN 50090-3-2 is part of the EN 50090 series of European Standards, which will comprise the following parts:

Part 1:   Standardization structure

Part 2:   System overview

Part 3:   Aspects of application

Part 4:   Transport layer and network layer

Part 5:   Media and media dependant layers

Part 6:   Interfaces

Part 7:   System management

Contents

Introduction

This standard of the series on HBES standards deals with the user process. It is related to the HBES reference model as described in EN 50090-2-1.

1   Scope

This standard specifies the structure, the basic means and rules to describe the user process.

2   Normative references

This European Standard incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications ared listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this European Standard only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

EN 50090-2-1   Home and Building Electronic Systems, HBES - Part 2-1: System overview, Architecture

EN 50090-3-1   Home and Building Electronic Systems, HBES - Part 3-1: Aspects of application: Introduction to the application structure

HD 592 S1   Binary floating-point arithmetic for microprocessor systems (IEC 559: 1989)

EN 29899   Programming Languages - C (ISO/IEC 9899:1990)

3   Definitions

For the purposes of this standard the definitions of EN 50090-2-1 and EN 50090-3-1 apply.

4   User process

4.1   Overview

The user process is that part of a device application process that belongs to the real system environment.

The device application process is constructed by application objects, which consist of data sets and HBES functions (see EN 50090-3-1).

As mentioned in EN 50090-2-1 the user process is divided in two parts, the local user process and the HBES user process. The method of description given in this standard has to be used for the HBES user process and may also be used for the local user process.

This method of description consists of

- data sets

- data sheets for HBES functions.

The user process itself is defined in EN 50090-2-1.