



SLOVENSKI STANDARD

DSIST ETS 300 788:2001

01-ZVfi UF-2001

8][JHUbY]nVc`ýUbY'VfYnj f j] bYHYY_ca i b]_UWYYfB 97 HŁ!'; `cVUb]g]ghYa
a cV]b]_ca i b]_UWYf! GAŁ! 8][JHUbca'ca fYy'Y'n]bhY[f]fUb]a]'glcf]hj Ua]'fG8 BŁ!
8cgħcd'897 H'Xc'; GA 'dfY_c'=G8 B'!: i b_Wyg_Yna cÿbcgħ]b]bZċfa UWyg_]hc_cj]

Digital Enhanced Cordless Telecommunications (DECT); Global System for Mobile communications (GSM); Integrated Services Digital Network (ISDN); DECT access to GSM via ISDN; Functional capabilities and information flows

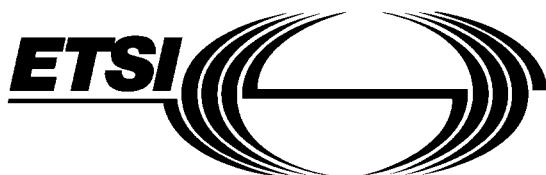
Ta slovenski standard je istoveten z: ETS 300 788 Edition 1

ICS:

33.070.30	Öa ãæ) ^A à[bzæ^ à ^: c çã } ^A ^\\ [{ ^ } à æs ÇÖÖVD	Digital Enhanced Cordless Telecommunications (DECT)
33.070.50	Globalni sistem za mobilno telekomunikacijo (GSM)	Global System for Mobile Communication (GSM)
33.080	Digitalno omrežje z integriranimi storitvami (ISDN)	Integrated Services Digital Network (ISDN)

DSIST ETS 300 788:2001

en



**EUROPEAN
TELECOMMUNICATION
STANDARD**

ETS 300 788

July 1997

Source: EP DECT

Reference: DE/DECT-010064

ICS: 33.020

Key words: CTM, DECT, GSM, ISDN, mobility, radio, stage 2

**Digital Enhanced Cordless Telecommunications (DECT);
Global System for Mobile communications (GSM);
Integrated Services Digital Network (ISDN);
DECT access to GSM via ISDN;
Functional capabilities and information flows**

ETSI

European Telecommunications Standards Institute

ETSI Secretariat

Postal address: F-06921 Sophia Antipolis CEDEX - FRANCE

Office address: 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

X.400: c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 4 92 94 42 00 - Fax: +33 4 93 65 47 16

Copyright Notification: No part may be reproduced except as authorized by written permission. The copyright and the foregoing restriction extend to reproduction in all media.

© European Telecommunications Standards Institute 1997. All rights reserved.

Contents

Foreword	5
1 Scope	7
2 Normative references.....	8
3 Definitions and abbreviations	8
3.1 Definitions	8
3.2 Abbreviations	10
4 Mobility management features	10
4.1 Functional model.....	10
4.1.1 Functional model description.....	10
4.1.2 Description of functional entities.....	11
4.1.2.1 Mobile user's MM agent, FE1	11
4.1.2.2 Currently visited DECT access network MM control, FE2	11
4.1.2.3 Global network MM control, FE3	11
4.1.2.4 Previously visited DECT access network MM control, FE4	11
4.1.3 Relationship of functional model to basic call functional model	11
4.2 Information flows.....	11
4.2.1 Definition of information flows	11
4.2.1.1 ra-detach.....	12
4.2.1.2 ra-identity-request.....	12
4.2.1.3 ra-location-registration	13
4.2.1.4 ra-temporary-identity-assign	14
4.2.1.5 ra-temporary-identity-result.....	14
4.2.1.6 ra-authenticate.....	14
4.2.1.7 ra-ciphering-setting	15
4.2.1.8 rb-detach.....	15
4.2.1.9 rb-identity-request.....	15
4.2.1.10 rb-location-update	16
4.2.1.11 rb-temporary-identity-assign	16
4.2.1.12 rb-temporary-identity-accept.....	16
4.2.1.13 rb-authenticate.....	17
4.2.1.14 rb-authenticate-reject.....	17
4.2.1.15 rb-ciphering-setting	17
4.2.1.16 rc-location-delete	17
4.2.2 Relationship of information flows to basic call information flows.....	17
4.2.3 Examples of information flow sequences.....	17
4.2.3.1 Normal operation of MM features	18
4.2.3.2 Exceptional operation of MM features	21
4.3 Functional entity actions	21
4.3.1 Functional entity actions of FE1	21
4.3.2 Functional entity actions of FE2	22
4.3.3 Functional entity actions of FE3	24
4.3.4 Functional entity actions of FE4	25
4.4 Functional entity behaviour	25
4.4.1 Behaviour of FE1	25
4.4.2 Behaviour of FE2	29
4.4.3 Behaviour of FE3	32
4.4.4 Behaviour of FE4	34
4.5 Allocation of functional entities to physical equipment.....	34
4.6 Interworking considerations	34
5 Call handling.....	35
5.1 Functional model.....	35
5.1.1 Functional model description.....	35

Page 4
ETS 300 788: July 1997

5.2	5.1.2 Description of FEs	35
	Information flows	35
	5.2.1 Definition of information flows.....	35
	5.2.2 Examples of information flow sequences	35
5.3	Functional entity actions.....	35
5.4	Functional entity behaviour.....	35
5.5	Allocation of functional entities to physical equipment	36
5.6	Interworking considerations	36
	History	37

Foreword

This European Telecommunication Standard (ETS) has been produced by the Digital Enhanced Cordless Telecommunications (DECT) Project of the European Telecommunications Standards Institute (ETSI).

Transposition dates	
Date of adoption:	20 June 1997
Date of latest announcement of this ETS (doa):	31 October 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 April 1998
Date of withdrawal of any conflicting National Standard (dow):	30 April 1998

Blank page