



SLOVENSKI STANDARD

SIST ETS 300 699:1998

01-oktober-1998

Digitalne izboljšane brezvrvične telekomunikacije (DECT) - Profil podatkovnih storitev (DSP) - Generična storitev: podatkovna povezava za zaprte skupine uporabnikov (CUG) (storitev tipa C, razred 1)

Digital Enhanced Cordless Telecommunications (DECT); Data Services Profile (DSP); Generic data link service for closed user groups (service type C, class 1)

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Data Services Profile (DSP);
Generic data link service for closed user groups
(service type C, class 1)**

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Contents

Foreword	5
1 Scope	7
2 Normative references	7
3 Definitions and abbreviations	8
3.1 Definitions	8
3.2 Abbreviations	9
4 Description of services	10
4.1 Reference configuration	10
4.2 Service objectives	10
5 Physical layer requirements	11
6 MAC layer requirements	11
7 DLC layer requirements	11
8 Network layer requirements	11
9 Management entity requirements	11
10 Generic interworking conventions and procedures	11
11 Configuration capabilities	11
Annex A (normative): Interworking conventions to specific networks	12
A.1 Interworking to V.24 circuits	12
A.1.1 Reference configuration	12
A.1.2 Global assumptions	12
A.1.3 Interworking procedures and conventions	13
A.1.3.1 Procedures at the DTE-side IWF	13
A.1.3.1.1 DTE-initiated link establishment	13
A.1.3.1.2 DCE-initiated link establishment	13
A.1.3.1.3 DTE-initiated link release	13
A.1.3.1.4 DCE-initiated link release	13
A.1.3.2 Procedures at the DCE-side IWF	13
A.1.3.2.1 DCE-initiated link establishment	14
A.1.3.2.2 DTE-initiated link establishment	14
A.1.3.2.3 DCE-initiated link release	14
A.1.3.2.4 DTE-initiated link release	14
A.1.3.3 PAD function	14
A.1.3.4 Timing conventions	14
A.1.3.5 Interworking of modem status lines, BREAK condition and PAUSE condition	15
A.1.3.5.1 BREAK condition	15
A.1.3.5.2 PAUSE condition	15
A.1.3.6 Interworking of flow control	15
A.1.3.6.1 Flow control across the DTE / DTE-side IWF interface	15
A.1.3.6.2 Flow control across the DCE-side IWF / DCE interface	16
A.1.3.7 Configuration capabilities	16
A.2 Interworking to ISO 8802.3 and ISO 8802.5 networks	16

History 17

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Foreword

This European Telecommunication Standard (ETS) has been produced by the Radio Equipment and Systems (RES) Technical Committee of the European Telecommunications Standards Institute (ETSI).

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1 Scope

This European Telecommunication Standard (ETS) defines a data profile for Digital Enhanced Cordless Telecommunications (DECT) systems conforming to ETS 300 175, Parts 1 to 9 [1] to [9]. It is part of a family of profiles that build upon, and extend, each other, aimed at the general connection of terminals supporting non-voice services to a fixed infra-structure, private and public.

This ETS defines the type C service, mobility class 1, as described in ETR 185 [13].

For the type C service, this ETS specifies a Link Access Protocol service for the DECT Link Access Procedure for the User plane (LAPU) which adds full DLC functionality to the generic frame relay service specified in ETS 300 435 [11]. LAPU is based closely on the existing LAPC service and, allied with the generic frame relay service, offers a robust, non-transparent transfer mechanism for synchronous and asynchronous bit streams. It builds upon the type A and type B generic frame relay services and is therefore fully compatible with both.

This ETS is intended for use in closed user groups and therefore specifies mobility class 1. It contains no requirements for Mobility Management (MM) or Call Control (CC) and, hence, requires no DECT Control plane (C-plane) functionality.

This ETS defines the specific requirements on the Physical (PHL), Medium Access Control (MAC) and Data Link Control (DLC) layers of DECT and on ETS 300 435 [11]. The ETS also specifies Management Entity (ME) requirements and generic interworking conventions which ensure the efficient use of the DECT spectrum.

2 Normative references

This ETS 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 are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- <https://standards.iteh.ai/catalog/standards/sist/3ab847b2-be2e-48ba-a248-3ea3b1637a9d/sist-ets-300-699-1998>
- [1] ETS 300 175-1: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".
- [2] ETS 300 175-2: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer".
- [3] ETS 300 175-3: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".
- [4] ETS 300 175-4: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".
- [5] ETS 300 175-5: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".
- [6] ETS 300 175-6: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".
- [7] ETS 300 175-7: "Radio Equipment and Systems (RES); Digital European Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".