



SLOVENSKI STANDARD  
SIST ETS 300 175-9:1998  
01-september-1998

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Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 9: Public Access Profile (PAP)

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Ta slovenski standard je istoveten z: <sup>SIST ETS 300 175-9:1998</sup> ETS 300 175-9 Edition 2  
<https://standards.iteh.ai/catalog/standards/sist/16f81eb5-5ec5-4c4d-874f-f2023a5d70f8/sist-ets-300-175-9-1998>

**ICS:**

33.070.30      Öä åæ ^ Å à [ |zæ ^      Digital Enhanced Cordless  
à!^: ç|çã } ^ Å | ^ \ [ { ~ } ä æ åä      Telecommunications (DECT)  
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**E**UROPEAN  
**T**ELECOMMUNICATION  
**S**TANDARD

**ETS 300 175-9**

September 1996

Second Edition

Source: ETSI TC-RES

Reference: RE/RES-03027-9

ICS: 33.060, 33.060.50

**Key words:** DECT, PAP, radio

**Radio Equipment and Systems (RES);  
Digital Enhanced Cordless Telecommunications (DECT);  
Common Interface (CI);  
Part 9: Public Access Profile (PAP)**

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## Foreword

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

This ETS forms part 9 of a series of 9 laying down the arrangements for the Digital Enhanced Cordless Telecommunications (DECT) Common Interface (CI).

- Part 1: "Overview".
- Part 2 "Physical layer (PHL)".
- Part 3 "Medium Access Control (MAC) layer".
- Part 4 "Data Link Control (DLC) layer".
- Part 5: "Network (NWK) layer".
- Part 6: "Identities and addressing".
- Part 7: "Security features".
- Part 8: "Speech coding and transmission".
- Part 9: "Public Access Profile (PAP)".**

Further details of the DECT system may be found in ETR 015, ETR 043, and ETR 056 (see annex F).

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<b>Transposition dates</b>	
Date of adoption of this ETS:	6 September 1996
Date of latest announcement of this ETS (doa):	31 December 1996
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	30 June 1997
Date of withdrawal of any conflicting National Standard (dow):	30 June 1997

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## 1 Scope

This second edition European Telecommunication Standard (ETS) is part of the Digital Enhanced Cordless Telecommunications (DECT) Common Interface (CI) and specifies that set of technical requirements for DECT Fixed Parts (FPs) and Portable Parts (PPs) necessary for the support of the Public Access Service (PAS). It will also support other applications.

Apparatus for which DECT PAS capability is claimed has to comply with those technical requirements of this ETS which are identified as provision mandatory.

Apparatus claiming the provision of any optional service feature listed in this ETS has to fully comply with the corresponding process mandatory technical requirements.

## 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 only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 175-1 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 1: Overview".
- [2] ETS 300 175-2 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 2: Physical Layer (PHL)".
- [3] ETS 300 175-3 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 3: Medium Access Control (MAC) layer".
- [4] ETS 300 175-4 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 4: Data Link Control (DLC) layer".
- [5] ETS 300 175-5 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 5: Network (NWK) layer".
- [6] ETS 300 175-6 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing".
- [7] ETS 300 175-7 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 7: Security features".
- [8] ETS 300 175-8 (1996): "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 8: Speech coding and transmission".
- [9] I-ETS 300 176: "Radio Equipment and Systems (RES); Digital Enhanced Cordless Telecommunications (DECT) Approval test specification".
- [10] CCITT Recommendation G.721 (1988): "32 kbit/s adaptive differential pulse code modulation (ADPCM)".

### 3 Definitions and abbreviations

#### 3.1 Definitions

For the purposes of this ETS, the following definitions apply:

**antenna diversity:** See ETS 300 175-1 [1].

**attach:** See ETS 300 175-1 [1].

**authentication (of a subscriber):** See ETS 300 175-1 [1].

**bearer handover:** See ETS 300 175-1 [1].

**bearer service:** See ETS 300 175-1 [1].

**broadcast:** See ETS 300 175-1 [1].

**C-Plane:** See ETS 300 175-1 [1].

**call:** See ETS 300 175-1 [1].

**cell:** See ETS 300 175-1 [1].

**cluster:** See ETS 300 175-1 [1].

**connection handover:** See ETS 300 175-1 [1].

**Connectionless mode (C/L):** See ETS 300 175-1 [1].

**Connection Oriented mode (C/O):** See ETS 300 175-1 [1].

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**Cordless Radio Fixed Part (CRFP):** See ETS 300 175-1 [1].

**coverage area:** See ETS 300 175-1 [1].

**DECT Network (DNW):** See ETS 300 175-1 [1].

**DLC data link (DLC link):** See ETS 300 175-1 [1].

**DLC frame:** See ETS 300 175-1 [1].

**double duplex bearer:** See ETS 300 175-1 [1].

**End System (ES):** See ETS 300 175-1 [1].

**external handover:** See ETS 300 175-1 [1].

**Fixed Part (DECT Fixed Part) (FP):** See ETS 300 175-1 [1].

**Fixed radio Termination (FT):** See ETS 300 175-1 [1].

**fragment:** See ETS 300 175-1 [1].

**fragmentation:** See ETS 300 175-1 [1].

**frame:** See ETS 300 175-1 [1].

**Global Network (GNW):** See ETS 300 175-1 [1].

**handover:** See ETS 300 175-1 [1].

**incoming call:** See ETS 300 175-1 [1].

**intercell handover:** See ETS 300 175-1 [1].

**internal handover:** See ETS 300 175-1 [1].

**interoperability:** See ETS 300 175-1 [1].

**interoperator roaming:** See ETS 300 175-1 [1].

**Interworking Unit (IWU):** See ETS 300 175-1 [1].

**intracell handover:** See ETS 300 175-1 [1].

**intraoperator roaming:** See ETS 300 175-1 [1].

**Local Network (LNW):** See ETS 300 175-1 [1].

**location area:** See ETS 300 175-1 [1].

**location registration:** See ETS 300 175-1 [1].

**logical channel:** See ETS 300 175-1 [1].

**Lower Layer Management Entity (LLME):** See ETS 300 175-1 [1].

**MAC bearer (bearer):** See ETS 300 175-1 [1].

**MAC connection (connection):** See ETS 300 175-1 [1].

**network (telecommunication network):** See ETS 300 175-1 [1].

**operator (DECT operator):** See ETS 300 175-1 [1].

**outgoing call:** See ETS 300 175-1 [1].

**paging:** See ETS 300 175-1 [1].

**paging area:** See ETS 300 175-1 [1].

**Portable Handset (PHS):** See ETS 300 175-1 [1].

**Portable Part (DECT Portable Part) (PP):** See ETS 300 175-1 [1].

**Portable radio Termination (PT):** See ETS 300 175-1 [1].

**private:** See ETS 300 175-1 [1].

**public:** See ETS 300 175-1 [1].

**Public Access Profile (PAP):** See ETS 300 175-1 [1].

**public access service:** See ETS 300 175-1 [1].

**radio end point:** See ETS 300 175-1 [1].

**Radio Fixed Part (RFP):** See ETS 300 175-1 [1].