



Institut luxembourgeois de la normalisation
de l'accréditation, de la sécurité et qualité
des produits et services

ILNAS-EN 300 175-6 V2.8.1 (2019-12)

Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing

12/2019



National Foreword

This European Standard EN 300 175-6 V2.8.1 (2019-12) was adopted as Luxembourgish Standard ILNAS-EN 300 175-6 V2.8.1 (2019-12).

Every interested party, which is member of an organization based in Luxembourg, can participate for FREE in the development of Luxembourgish (ILNAS), European (CEN, CENELEC) and International (ISO, IEC) standards:

- Participate in the design of standards
- Foresee future developments
- Participate in technical committee meetings

<https://portail-qualite.public.lu/fr/normes-normalisation/participer-normalisation.html>

THIS PUBLICATION IS COPYRIGHT PROTECTED

Nothing from this publication may be reproduced or utilized in any form or by any mean - electronic, mechanical, photocopying or any other data carries without prior permission!

ETSI EN 300 175-6 V2.8.1 (2019-12)



Digital Enhanced Cordless Telecommunications (DECT); Common Interface (CI); Part 6: Identities and addressing

Reference

REN/DECT-00326

Keywords

DECT, IMT-2000, mobility, radio, TDD, TDMA

ETSI

650 Route des Lucioles
F-06921 Sophia Antipolis Cedex - FRANCE

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

Siret N° 348 623 562 00017 - NAF 742 C
Association à but non lucratif enregistrée à la
Sous-Préfecture de Grasse (06) N° 7803/88

Important notice

The present document can be downloaded from:

<http://www.etsi.org/standards-search>

The present document may be made available in electronic versions and/or in print. The content of any electronic and/or print versions of the present document shall not be modified without the prior written authorization of ETSI. In case of any existing or perceived difference in contents between such versions and/or in print, the prevailing version of an ETSI deliverable is the one made publicly available in PDF format at www.etsi.org/deliver.

Users of the present document should be aware that the document may be subject to revision or change of status. Information on the current status of this and other ETSI documents is available at

<https://portal.etsi.org/TB/ETSIDeliverableStatus.aspx>

If you find errors in the present document, please send your comment to one of the following services:

<https://portal.etsi.org/People/CommitteeSupportStaff.aspx>

Copyright Notification

No part may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm except as authorized by written permission of ETSI.

The content of the PDF version shall not be modified without the written authorization of ETSI.

The copyright and the foregoing restriction extend to reproduction in all media.

© ETSI 2019.

All rights reserved.

DECT™, **PLUGTESTS™**, **UMTS™** and the ETSI logo are trademarks of ETSI registered for the benefit of its Members.

3GPP™ and **LTE™** are trademarks of ETSI registered for the benefit of its Members and of the 3GPP Organizational Partners.

oneM2M™ logo is a trademark of ETSI registered for the benefit of its Members and of the oneM2M Partners.

GSM® and the GSM logo are trademarks registered and owned by the GSM Association.

Contents

Intellectual Property Rights	5
Foreword.....	5
Modal verbs terminology.....	5
1 Scope	6
2 References	7
2.1 Normative references	7
2.2 Informative references.....	7
3 Definition of terms, symbols and abbreviations.....	8
3.1 Terms.....	8
3.2 Symbols.....	8
3.3 Abbreviations	8
4 General description of FP and PP identities.....	9
4.0 Overview	9
4.1 Combinations of ARIs, PARKs and IPUIs.....	10
5 FP identities.....	11
5.0 General	11
5.1 ARI class A	13
5.2 ARI class B.....	14
5.3 ARI class C.....	15
5.4 ARI class D	16
5.5 ARI class E	16
5.6 SARI list structure	17
5.6.0 General.....	17
5.6.1 ARI list length.....	18
5.6.2 TARIs	18
5.6.3 Black.....	18
5.6.4 ARI	18
5.6.5 Black-ARI.....	18
5.6.6 TARI messages	19
5.6.6.1 Request message from the PP	19
5.6.6.2 Response message from the FP.....	20
6 PP identities.....	21
6.0 General	21
6.1 PARK	21
6.1.0 General.....	21
6.1.1 PARK A.....	22
6.1.2 PARK B	22
6.1.3 PARK C	22
6.1.4 PARK D.....	22
6.1.5 PARK E	23
6.2 IPUI.....	23
6.2.0 General.....	23
6.2.1 Portable user identity type N (residential/default)	23
6.2.2 Portable user identity type S (PSTN/ISDN)	23
6.2.3 Portable user identity type O (private).....	24
6.2.4 Portable user identity type T (private extended).....	24
6.2.5 Portable user identity type P (public/public access service)	24
6.2.6 Portable user identity type Q (public/general)	25
6.2.7 Portable user identity type U (public/general)	25
6.2.8 Portable user identity type R (public/IMSI).....	25
6.3 Individual and group TPUIs.....	25
6.3.1 General.....	25
6.3.2 Individual TPUI.....	27

6.3.3	Group TPUIs.....	27
7	Coding of identities	28
7.0	General	28
7.1	RFPI E-bit	28
7.2	Access rights codes	28
7.3	Portable user identity types	29
7.4	EMC, EIC and POC	29
8	Rules for the usage of FP and PP identities.....	29
8.1	General principles.....	29
8.2	PARI, SARI and TARI usage.....	29
9	Connection related identities	31
9.0	General	31
9.1	MAC identities	31
9.1.0	General.....	31
9.1.1	FMID	31
9.1.2	PMID	31
9.2	DLC identities	32
9.3	NWK identities.....	32
10	Equipment related identities	32
11	Subscription and registration procedures	33
Annex A (informative):	Examples of usage of FP and PP identities.....	34
A.0	General	34
A.1	Residential ID usage.....	34
A.2	Public ID usage	34
A.2.1	Primary	34
A.2.2	Secondary	35
A.2.3	Tertiary	35
A.3	Private ID usage	36
A.3.1	Primary	36
A.3.2	Secondary	36
A.4	Mixed private and public ID usage	36
A.4.1	Public in private environments.....	36
A.4.2	Private in public environments.....	37
A.5	PARI and SARI use for CTM roaming	37
Annex B (normative):	Identities and addressing timers.....	39
Annex C (normative):	Representation of IPEI as printed text	40
Annex D (informative):	Change history	41
History		42