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Private Integrated Services Network (PISN); Cordless Terminal Mobility (CTM); Call handling additional network features; Service description

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Call handling additional network features;
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Foreword

This European Telecommunication Standard (ETS) has been produced by the Business Telecommunications (BTC) Technical Committee of the European Telecommunications Standards Institute (ETSI).

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1 Scope

This European Telecommunication Standard (ETS) describes the stage 1 of the Cordless Terminal Mobility (CTM) call handling Additional Network Features (ANF) for Private Integrated Services Networks (PISNs). It comprises two related but distinct service descriptions, Incoming CTM Call Handling Additional Network Feature (ANF-CTMI) and Outgoing CTM Call Handling Additional Network Feature (ANF-CTMO). Stage one is an overall service description from the user's point of view, but does not deal with the details of the human interface itself, see CCITT Recommendation I.130 [5].

ANF-CTMI directs incoming calls to a CTM user within a PISN regardless of the CTM user's geographical location within the PISN, provided the CTM user's location is known.

ANF-CTMO detects an outgoing call or request for a supplementary service from a CTM user and establishes it as a basic call or signalling connection, respectively, regardless of the user's geographical location within the PISN. It also provides the CTM user's service profile for use by outgoing call control, or alternatively passes the call to the CTM user's home location for processing.

This ETS contains the stage 1 specification of the CTM call handling ANFs. ANF specifications are produced in three stages according to the method described in ETS 300 387 [4].

The purpose of the stage 1 specification is to guide and constrain the work at stage 2 and stage 3. Where the text indicates the status of a requirement (i.e. as strict command or prohibition or as authorisation leaving freedom as a capability or possibility) this is reflected in the text of the relevant stage 2 and stage 3 standards.

Conformance to this ETS is met by conforming to the stage three standards with the field of application appropriate to the equipment being implemented. Therefore, no method of testing is provided for this ETS.

2 Normative references

This ETS incorporates by dated and 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.

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| [1] | ETS 300 171 (1992): "Private Telecommunication Network (PTN); Specification, functional models and information flows; Control aspects of circuit mode basic services". |
| [2] | ETS 300 415 (1995): "Private Telecommunication Network (PTN); Terms and definitions". |
| [3] | ISO/IEC 11579-1 (1994): "Information Technology - Telecommunications and information exchange between systems - Private Integrated Services Network - Part 1: Reference configurations for PISN exchanges (PINX)". |
| [4] | ETS 300 387 (1994): "Private Telecommunication Network (PTN); Method for the specification of basic and supplementary services". |
| [5] | CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN". |
| [6] | ITU-T Recommendation I.210 (1993): "Principles of telecommunication services supported by an ISDN and the means to describe them". |
| [7] | ITU-T Recommendation Z.100 (1993): "Specification and description language (SDL)". |