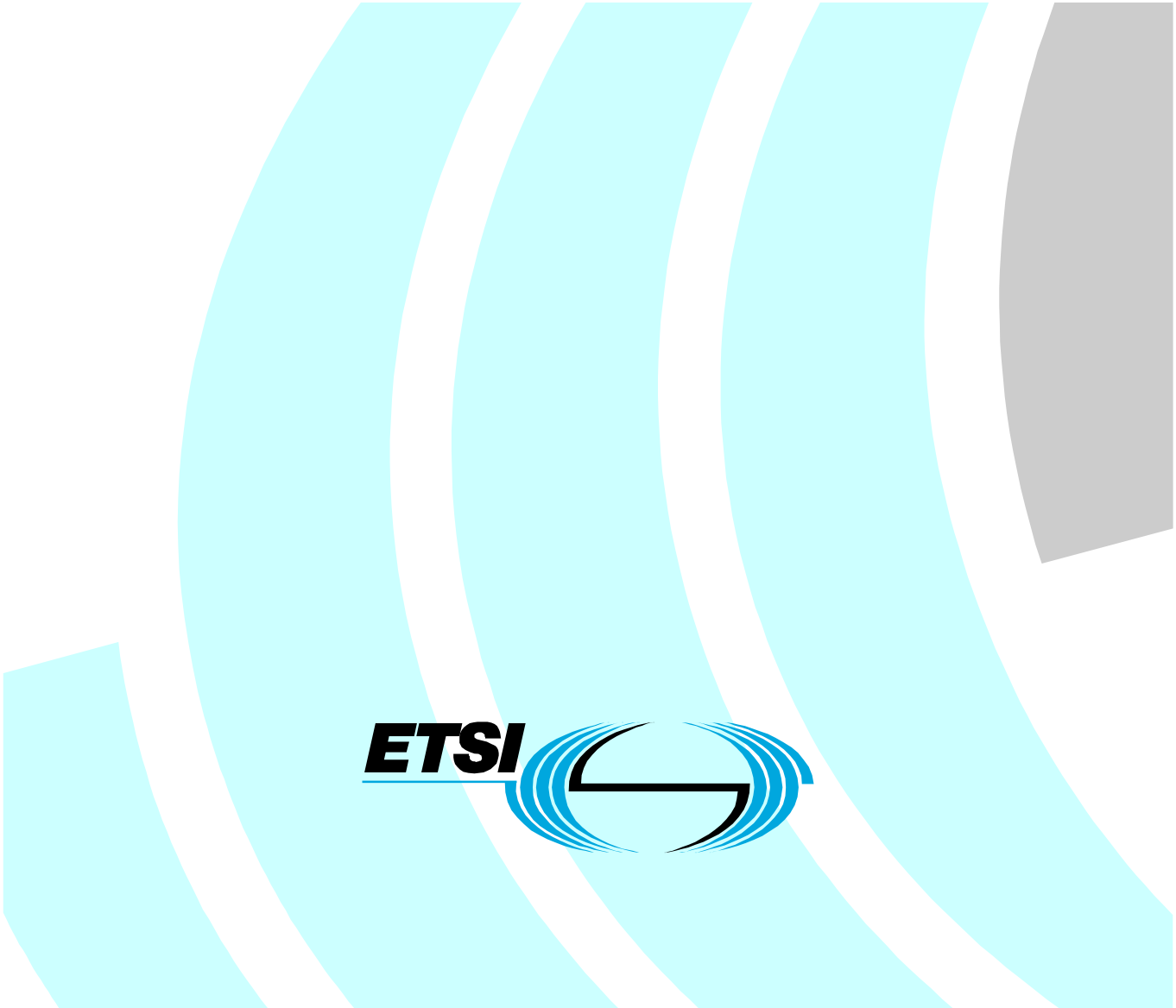
# ETSI EN 301 914 V1.1.1 (2004-01)

*European Standard (Telecommunications series)*

# Private Integrated Services Network (PISN); Use of QSIG at the C reference point between a PINX and an interconnecting network

**[ISO/IEC 20161 (2001), modified]**



Reference
DEN/ECMA-00270

Keywords
C reference point, endorsement, PINX, PISN, QSIG

***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
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# Foreword

This European Standard (Telecommunications series) has been produced by ECMA on behalf of its members and those of the European Telecommunications Standards Institute (ETSI).

The present document is one of a series of standards defining services and signalling protocols applicable to Private Integrated Services Networks (PISN). The series uses the Integrated Services Digital Network (ISDN) concepts as developed by ITU-T and conforms to the framework of standards for Open Systems Interconnection (OSI) as defined by ISO/IEC.

The present document specifies the functional profile for interconnecting Private Integrated services Network eXchanges (PINX) to VPN service centres to permit interoperability between equipment from different vendors and service providers.

The present document endorses an International Standard, ISO/IEC 20161.

| **National transposition dates** | |
|---|---|
| Date of adoption of this EN: | 19 December 2003 |
| Date of latest announcement of this EN (doa): | 31 March 2004 |
| Date of latest publication of new National Standard or endorsement of this EN (dop/e): | 30 September 2004 |
| Date of withdrawal of any conflicting National Standard (dow): | 30 September 2004 |

# Endorsement notice

The elements of International Standard ISO/IEC 20161 (2001) apply, with the following modifications.

# Clause 3

Replace the first paragraph by:

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication and/or edition number or version number) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.

Referenced documents which are not found to be publicly available in the expected location might be found at http://docbox.etsi.org/Reference.

Insert the following normative references at the end of clause 3.1:

[26] ETSI ETS 300 475-1: "Private Telecommunication Network (PTN); Reference configuration; Part 1: Reference configuration for PTN eXchanges (PTNXs) [ISO/IEC 11579-1 (1994), modified]".

[27] ETSI EN 300 189: "Private Integrated Services Network (PISN); Addressing [ISO/IEC 11571 (1998), modified]".

[28] ETSI EN 301 765: "Private Integrated Services Network (PISN); Functional requirements for static circuit-mode inter-PINX connections [ISO/IEC 14474 (1998) modified]".

[29] ETSI EN 301 039: "Private Integrated Services Network (PISN); Mapping functions for the employment of 64 kbit/s circuit mode connections with 16 kbit/s sub-multiplexing [ISO/IEC 17310 (2002) modified]".

[30] ETSI ETS 300 387 (1994): "Private Telecommunication Network (PTN); Method for the specification of basic and supplementary services".

Replace clause 3.2 by:

[31] ETSI EN 301 257: "Private Integrated Services Network (PISN); Specification, functional models and information flows; Recall supplementary service [ISO/IEC 15051 (2003), modified]".

[32] ETSI EN 301 259: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Private Integrated Network eXchange (PINX) clock synchronization [ISO/IEC 15507 (1997), modified]".

[33] ETSI EN 300 261: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call transfer supplementary service [ISO/IEC 13869 (2003), modified]".

[34] ETSI EN 301 264: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Advice of charge supplementary services [ISO/IEC 15050 (2003), modified]".

[35] ETSI EN 301 265: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call interception Additional Network Feature (ANF) [ISO/IEC 15054 (2003), modified]".

[36] ETSI EN 301 048: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Transit counter additional network feature [ISO/IEC 15056 (1997), modified]".

[37] ETSI EN 301 656: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call priority interruption and call priority interruption protection supplementary services [ISO/IEC 15992 (2003), modified]".

[38] ETSI EN 301 810: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Private User Mobility (PUM); Call handling Additional Network Feature (ANF) [ISO/IEC 17878 (2003), modified]".

[39] ETSI EN 301 919: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Single step call transfer supplementary service [ISO/IEC 19460 (2003), modified]".

[40] ETSI EN 301 827: "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Wireless terminal call handling Additional Network Feature (ANF) [ISO/IEC 15431 (2003), modified]".

# Clause 4

Replace in clause 4.1 "ECMA-143" by "EN 300 172" and "ECMA-165" by "EN 300 239".

# Throughout the text of ISO/IEC 20161

Replace references as shown in the table below.

| Reference in ISO/IEC 20161 | Modified reference |
|---|---|
| ECMA-133 | ETS 300 475-1 [26] |
| ECMA-155 | EN 300 189 [27] |
| ECMA-226 | EN 301 765 [28] |
| ISO/IEC 14474 | EN 301 765 [28] |
| ECMA-253 | EN 301 039 [29] |
| ITU-T Rec. I.130 | ETS 300 387 [30] |
| ECMA-174 | EN 301 257 [31] |
| ECMA-176 | EN 301 259 [32] |
| ECMA-178 | EN 300 261 [33] |
| ECMA-212 | EN 301 264 [34] |
| ECMA-221 | EN 301 265 [35] |
| ECMA-225 | EN 301 048 [36] |
| ECMA-264 | EN 301 656 [37] |
| ECMA-284 | EN 301 810 [38] |
| ECMA-300 | EN 301 919 [39] |
| ISO/IEC 15431 | EN 301 827 [40] |

Replace the terms "this International Standard" by "the present document".

# History

| Document history | | |
|---|---|---|
| V1.1.1 | August 2003 | One-step Approval Procedure OAP 20031219: 2003-08-20 to 2003-12-19 |
| V1.1.1 | January 2004 | Publication |
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