



**SLOVENSKI STANDARD**  
**SIST EN 301 048 V1.1.1:2005**  
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**Zasebno omrežje z integriranimi storitvami (PISN) - Medcentralni signalizacijski protokol - Dodatna omrežna lastnost: števec prehodov [ISO/IEC 15056 (1997), spremenjen]**

Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Transit counter additional network feature [ISO/IEC 15056 (1997) modified]

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# EN 301 048 V1.1.1 (1997-09)

*European Standard (Telecommunications series)*

## **Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Transit counter additional network feature**

**[ISO/IEC 15056 (1997) modified]**

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## Foreword

This European Standard (Telecommunications series) was 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.

This particular EN specifies the Q interface Signalling protocol (QSIG) protocol for use at the Q reference point in support of the Transit counter additional network feature. The QSIG protocol is known as "Private integrated Signalling System No. 1" (PSS1) in International Standards.

The present document endorses an International Standard, ISO/IEC 15056.

National transposition dates	
Date of adoption of this EN:	5 September 1997
Date of latest announcement of this EN (doa):	31 December 1997
Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 June 1998
Date of withdrawal of any conflicting National Standard (dow):	30 June 1998

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## Endorsement notice

The text of International Standard ISO/IEC 15056 (1997) was approved by ETSI as an EN with agreed modifications as given below.

NOTE: New or modified text is indicated using sidebars. In addition, underlining and/or strike-out are used to highlight detailed modifications where necessary.

## Clause 3

Insert the following normative references at the end of clause 3:

- [13] prETS 300 171 (1997): "Private Integrated Services Network (PISN); Specification, functional models and information flows; Control aspects of circuit-mode basic services", 2nd edition.
- [14] prETS 300 172 (1997): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Circuit-mode basic services", 4th edition.
- [15] ETS 300 239 (1995): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Generic functional protocol for the support of supplementary services", 2nd edition.
- [16] ETS 300 257 (1996): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Diversion supplementary services".
- [17] ETS 300 259 (1996): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Path replacement additional network feature".
- [18] ETS 300 261 (1996): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call transfer supplementary service".

- [19] ETS 300 366 (1996): "Private Integrated Services Network (PISN); Inter-exchange signalling protocol; Call completion supplementary services".
- [20] ETS 300 387 (1994): "Private Telecommunication Network (PTN); Method for the specification of basic and supplementary services".
- [21] ETS 300 475-1 (1995): "Private Integrated Services Network (PISN); Reference configuration Part 1: Reference configuration for PISN eXchanges (PINXs)".
- [22] prETS 300 tcsd (1997): "Private Integrated Services Network (PISN); Specification, functional models and information flows; Transit counter additional network feature".

## Throughout the text of ISO/IEC 15056

Throughout the text of ISO/IEC 15056, replace references as shown in the table below:

Reference in ISO/IEC 15056	Modified reference
ISO/IEC 11572	ETS 300 172 [14]
ISO/IEC 11574	ETS 300 171 [13]
ISO/IEC 11579-1	ETS 300 475-1 [21]
ISO/IEC 11582	ETS 300 239 [15]
ISO/IEC 13869	ETS 300 261 [18]
ISO/IEC 13870	ETS 300 366 [19]
ISO/IEC 13873	ETS 300 257 [16]
ISO/IEC 13874	ETS 300 259 [17]
ISO/IEC 15055	ETS 300 tcsd [22]
ITU-T Recommendation I.130	ETS 300 387 [20]

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## Throughout the text of ISO/IEC 15056

Throughout the text of ISO/IEC 15056, replace the term "International Standard" by "EN".

## History

Document history		
V1.1.1	May 1997	One-step Approval Procedure OAP 9735: 1997-05-02 to 1997-08-29
V1.1.1	September 1997	Publication

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