

## Standard ECMA-318

### Private Integrated Services Network (PISN) - Use of QSIG at the C Reference Point between a PINX and an Interconnecting Network

(December 2000)

This Profile Standard specifies the combination of base standards, together with the selection of appropriate options and parameter values, necessary to specify how QSIG / PSS1 can be used to provide digital signalling capabilities at interfaces at the C reference point between a Private Integrated services Network eXchange (PINX) and an Interconnecting Network (ICN) to permit interoperability between equipment from different vendors and different public or private service providers.

#### NOTE 1

PINX in the sense of this Standard is used in the meaning of a PINX directly attached to the ICN.

This Standard is applicable to attached PINXs and Interconnecting Networks (ICN).

This Standard identifies the necessary or optional employment of particular functions, procedures and services when provided:

- physical and electrical characteristics (physical layer) of the interfaces to the transmission systems to be employed;

- data link layer procedures;
- network layer procedures; and
- supplementary services and additional network features to meet specific corporate network user requirements.

This Standard states requirements upon attached PINXs and Interconnecting Network (ICN) implementations in order to achieve interoperability between equipment in PISNs serving as Corporate telecommunication Networks (CNs).

### NOTE 2

Implementation of this Standard does not preclude a manufacturer from offering other means of interconnection. It also does not preclude a VPN service provider to offer basic call communications between a PINX and other networks like PSTN or ISDN.

ISO/IEC TR 14475 specifies various access arrangements between a PINX and a public network where reference points C and T reside either at a single or at separate interfaces. The scope of this Standard is limited to cover the C reference point aspects at a separate interface.

The current version of this Standard does not intend to specify any gateway or end PINX requirements for the ICN side of the interface.

Therefore it typically uses the term "virtual transit PINX" instead of Interconnecting Network (ICN)..

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The following files are provided in this set of CD-ROMs:

<b>File name</b>	<b>Size (Bytes)</b>	<b>Content</b>
<b>ECMA-318.PDF</b>	153 044	Acrobat PDF file
<b>ECMA-318.PSC</b>	568 485	Corresponding PostScript file

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