Standard ECMA-308

Corporate Telecommunication Networks - Signalling Interworking between QSIG and H.323 - Call Transfer Supplementary Services

(June 2000)

This Standard specifies signalling interworking between "QSIG" and "H.323" in support of the call transfer supplementary services within a Corporate telecommunication Network (CN).

"QSIG" is a signalling protocol that operates at the Q reference point between Private Integrated Services eXchanges (PINX) within a Private Integrated Services Network (PISN). The Q reference point is defined in ECMA-133. A PISN provides circuit-switched basic services and supplementary services to its users. QSIG is specified in other ECMA Standards, in particular ECMA-143 (call control in support of basic services), ECMA-165 (generic functional protocol for the support of supplementary services) and a number of standards specifying individual supplementary services. ECMA-178 specifies the QSIG protocol in support of call transfer by consultation and ECMA-300 specifies the QSIG protocol in support of single step call transfer.

"H.323" is a set of signalling protocols for the support of voice or multimedia communication within a packet network, in particular a packet network that uses the Internet Protocol (IP) as its network layer protocol (IP network). H.323 signalling protocols operate between endpoints in an IP network, either indirectly via one or more gatekeepers, or directly. An endpoint can be a terminal or a gateway to another network. H.323 is an "umbrella" recommendation referring to various ITU-T recommendations, in particular

Recommendations H.225.0 and H.245 (basic communication capabilities) and Recommendation H.450.1 (generic functional protocol for the support of supplementary services). Recommendation H.450.2 specifies the H.323 protocol in support of call transfer.

NOTE
H.450.2 applies only to the 1998 version of H.323 (also known as H.323 version 2) and to later versions.

This standard is applicable to any interworking unit that can act as a gateway between a PISN employing QSIG and an IP network employing H.323.

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

File name	Size (Bytes)	Content
ECMA-308.PDF	209'911	Acrobat PDF file
ECMA-308.PSC	1'880'453	Corresponding PostScript file

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