ECMA TR/73

H.323 / B-ISDN Signalling Interoperability

(December 1998)

The purpose of this Technical Report is to investigate the interoperability of H.323 and B-ISDN signalling environments with a view to identifying possible standardization activities in this area. The following aspects of interoperability are investigated:

- the interworking of H.323 and B-ISDN environments, both separated and combined, via a gateway;

- the connection of remote H.323 environments via B-ISDN;

- the use of H.323 annex C (H.323 on ATM), including the co-existence of H.323 annex C and B-ISDN signalling in the same network and possible future enhancement of annex C;

- the application of the B-ISDN separated call control protocol to gatekeeper-to-gatekeeper communication;

- the impact of H.323 on future mobility protocols.

For each of the above, due consideration is given to the following: addressing impact (including use of IP addressing); conferencing models; T.120 data impact; basic call procedures; generic functional procedures (GFP) and supplementary services; end-to-end resource and session level protocols.

Possible future standardization activities resulting from this Technical Report will include H.323 work items as well as B-ISDN signalling work items.

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

File name	Size (Bytes)	Content
TR-073.PDF	684'203	Acrobat PDF file
TR-073.PSC	3'275'119	Corresponding PostScript file

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