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ITU-T

TELECOMMUNICATION
STANDARDIZATION SECTOR
OF ITU

V.251

(02/98)

SERIES V: DATA COMMUNICATION OVER THE
TELEPHONE NETWORK

Control procedures

Procedure for DTE-controlled call negotiation

ITU-T Recommendation V.251

(Previously CCITT Recommendation)

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ITU-T RECOMMENDATION V.251

PROCEDURE FOR DTE-CONTROLLED CALL NEGOTIATION

Summary

This Recommendation defines means for use in DTE control of V.8 and V.8 *bis* call negotiation.

Source

ITU-T Recommendation V.251 was prepared by ITU-T Study Group 16 (1997-2000) and was approved and published as V.25 *ter* Annex A under the WTSC Resolution No. 1 procedure on 11 July 1997. It was then renumbered as V.251 under the WTSC Resolution No. 1 procedure on 6 February 1998, without further modification.

FOREWORD

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The World Telecommunication Standardization Conference (WTSC), which meets every four years, establishes the topics for study by the ITU-T Study Groups which, in their turn, produce Recommendations on these topics.

The approval of Recommendations by the Members of the ITU-T is covered by the procedure laid down in WTSC Resolution No. 1.

In some areas of information technology which fall within ITU-T's purview, the necessary standards are prepared on a collaborative basis with ISO and IEC.

NOTE

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As of the date of approval of this Recommendation, the ITU had not received notice of intellectual property, protected by patents, which may be required to implement this Recommendation. However, implementors are cautioned that this may not represent the latest information and are therefore strongly urged to consult the TSB patent database.

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(Geneva, 1998)

1 Introduction and scope

Recommendation V.8 is standardized for use in negotiating the call type at the beginning of a PSTN call. Recommendation V.8 *bis* is standardized for use in negotiating the call type during a PSTN call. They provide means to select amongst several single media or multimedia operating modes.

- data modem (V-Series modems);
- text telephone (Recommendation V.18);
- send G3 facsimile (from calling terminal);
- receive G3 facsimile (polling);
- simple voice telephony;
- analog simultaneous Voice and data;
- digital simultaneous Voice and data;
- multimedia terminal (e.g. Recommendation H.324).

Means are defined in this Recommendation for use in DTE control of V.8 and V.8 *bis* call negotiation.

These means are designed so that the negotiation decisions are made in the DTE, so that compliant DCE do not need modification each time V.8 or V.8 *bis* code points are added or modified in other ways.

2 References

The following ITU-T Recommendations and other references contain provisions which, through reference in this text, constitute provisions of this Recommendation. At the time of publication, the editions indicated were valid. All Recommendations and other references are subject to revision; all users of this Recommendation are therefore encouraged to investigate the possibility of applying the most recent edition of the Recommendations and other references listed below. A list of the currently valid ITU-T Recommendations is regularly published.

- ITU-T Recommendation V.8 *bis* (1998), *Procedures for the identification and selection of common modes of operation between data circuit-terminating equipments (DCEs) and between data terminal equipments (DTEs) over the public switched telephone network and on leased point-to-point telephone-type circuits.*
- ITU-T Recommendation V.25 (1996), *Automatic answering equipment and general procedures for automatic calling equipment on the general switched telephone network including procedures for disabling of echo control devices for both manually and automatically established calls.*



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