



SLOVENSKI STANDARD SIST ETS 300 107 E1:2003

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Terminalska oprema (TE) – Mednarodno medsebojno delovanje prehodov

Terminal Equipment (TE); International Videotex interworking between gateways

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ICS:

| | | |
|-----------|--|--|
| 33.160.99 | Druga avdio, video in avdiovizuelna oprema | Other audio, video and audiovisual equipment |
| 35.180 | Terminalska in druga periferna oprema IT | IT Terminal and other peripheral equipment |

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Foreword

This European Telecommunication Standard (ETS) has been prepared by the Terminal Equipment (TE) Technical Committee of the European Telecommunications Standards Institute (ETSI).

This ETS has been produced in the light of:

- a) Videotex services being implemented in different countries using different data syntax profiles (as described in ETS 300 072 [1]);
- b) the International Radio Consultative Committee (CCIR) expressing the view that terminal equipment compatibility should exist between broadcast Teletext¹⁾ systems for general reception and public network-based data base systems;
- c) the right of different countries to use their existing systems;
- d) the possible requirement for transcoding and/or conversion to permit interworking between Videotex services in different countries;
- e) interworking between Videotex services may be provided by using different types of network such as the Public Switched Telephone Network (PSTN), Packet Switched Public Data Network (PSPDN), Circuit Switched Public Data Network (CSPDN), Integrated Services Digital Network (ISDN), etc;
- f) the need for Videotex interworking protocols to offer a large degree of compatibility with those protocols used in other telematic services.

This ETS provides a number of technical provisions to be applied for international interworking between Videotex services. It specifies the European profile of the international interworking between gateways as defined in CEPT Recommendation T/SF-59 [2] and ETS 300 105 [3].

This ETS is based upon a number of CCITT Recommendations to facilitate the interconnection of national Videotex services. The CCITT Recommendations for Videotex interworking are part of the T.500 series of CCITT Recommendations which contain the application profiles and terminal/gateway characteristics for telematic services.

NOTE: A full list of references can be found in ETS 300 105 [3], Clause 2 (Normative references).

¹⁾ The term "Teletext" has not yet been definitively adopted by the CCIR.

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1 Scope

This ETS defines no additional features to those contained in the relevant CCITT T.500 series of Recommendations for Videotex interworking.

This ETS specifies constraints and requirements relevant to ETSI, which are in line with the application profiles and gateway characteristics defined by CCITT.

While the T.500 series of CCITT Recommendations for Videotex interworking contains an incomplete provisional section concerning Videotex administrative and charging matters, the CEPT working document TE1 (87) 87, where principles and functionalities are equivalent to the half duplex mode of operation for Gateway to Gateway Interworking (GGI), may be used as a reference when implementing the administrative and charging matters in Gateway to Gateway Videotex Interworking*.

CEPT Recommendation T/SF-59 [2] and ETS 300 105 [3] define two types of interworking between national Videotex services:

- international interworking between gateways;
- international interworking between a host and a terminal.

This ETS only applies to the international interworking between gateways.

2 Normative references

This ETS incorporates by dated or undated reference, provisions from other publications. These normative references are cited at the appropriate places in the text and the publications are listed hereafter. For dated references, subsequent amendments to or revisions of any of these publications apply to this ETS only when incorporated in it by amendment or revision. For undated references the latest edition of the publication referred to applies.

- [1] ETS 300 072 (1990): "Terminal Equipment (TE); Videotex presentation layer protocol, Videotex presentation layer data syntax".
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- [2] CEPT T/SF-59 (1987): "International videotex service".
- [3] ETS 300 105 (1991): "Terminal Equipment (TE); International Videotex interworking".
- [4] CCITT Recommendation T.504 (1988): "Document application profile for videotex interworking".
- [5] CCITT Recommendation T.523 (1988): "Communication application profile DM-1 for videotex interworking".
- [6] CCITT Recommendation T.541 (1988): "Operational application profile for videotex interworking".
- [7] CCITT Recommendation T.564 (1988): "Gateway characteristics for videotex interworking".
- [8] CCITT Recommendation T.101 (1988): "International interworking for videotex services".
- [9] CCITT Recommendation T.415 (1988): "Office document architecture (ODA) and interchange format-open document interchange format (ODIF)".

*These Administrative and charging functions are provisional pending the result of CEPT SF1 and Tg groups and CCITT Study Groups I, III, and VIII. They shall be brought in line with the result of the work of the above mentioned groups.