



SLOVENSKI STANDARD

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Digitalno omrežje z integriranimi storitvami (ISDN) - Daljinsko ukrepanje - Opis storitev

Integrated Services Digital Network (ISDN); Teleaction teleservice; Service description

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Foreword

This European Standard (Telecommunications series) has been produced by ETSI Technical Committee Network Aspects (NA).

In accordance with CCITT Recommendation I.130 [1], the following three level structure is used to describe the supplementary telecommunications services by European public telecommunications operators under the pan-European Integrated Services Digital Network (ISDN):

- Stage 1: is an overall service description, from the user's standpoint;
- Stage 2: identifies the functional capabilities and information flows needed to support the service described in stage 1;
- Stage 3: defines the signalling system protocols and switching functions needed to implement the service described in stage 1.

The present document relates to stage 1 (overall service description) for the teleaction bearer service in ISDN.

National transposition dates	
Date of adoption of this EN:	25 December 1998
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Date of latest publication of new National Standard or endorsement of this EN (dop/e):	30 September 1999
Date of withdrawal of any conflicting National Standard (dow):	30 September 1999

1 Scope

The present document defines the stage one of the teleaction bearer service for the pan-European Integrated Services Digital Network (ISDN) as provided by European public telecommunications operators. Stage one is an overall service description from the user's point of view (see CCITT Recommendation I.130 [1]), but does not deal with the details of the human interface itself.

The present document defines the interworking requirements for the teleaction bearer services supported by networks other than ISDN (including private ISDNs) with the teleaction bearer services described in the present document.

The present document does not specify the additional requirements where the service is provided to the user via a telecommunications network that is not ISDN but does include interworking requirements of other networks with the public ISDN.

Charging principles are outside the scope of the present document.

Teleaction is a service providing for reliable low volume data communication and allied processing service to the users. The teleaction bearer service can be used for applications such as monitoring, indicating, controlling or verifying of remote events, operations, and measurements.

The present document is applicable to the stage two and stage three standards for the ISDN teleaction bearer service. The terms "stage two" and "stage three" are also defined in CCITT Recommendation I.130 [1]. Where the text indicates the status of a requirement (i.e. as strict command or prohibition, as authorization leaving freedom, or as a capability or possibility), this needs to be reflected in the text of the relevant stage two and stage three standards. Furthermore, conformance to the present document is met by conforming to the stage three standard with the field of application appropriate to the equipment being implemented. Therefore, no method of testing is provided for the present document.

2 References

The following documents contain provisions which, through reference in this text, constitute provisions of the present document.

- References are either specific (identified by date of publication, edition number, version number, etc.) or non-specific.
- For a specific reference, subsequent revisions do not apply.
- For a non-specific reference, the latest version applies.
- A non-specific reference to an ETS shall also be taken to refer to later versions published as an EN with the same number.

- [1] CCITT Recommendation I.130 (1988): "Method for the characterization of telecommunication services supported by an ISDN and network capabilities of an ISDN".
- [2] ITU-T Recommendation I.112 (1993): "Vocabulary of terms for ISDNs".
- [3] ITU-T Recommendation I.210 (1993): "Principles of telecommunication services supported by an ISDN and the means to describe them".
- [4] CCITT Recommendation Q.9 (1988): "Vocabulary of switching and signalling terms".
- [5] EN 50136-1-1 (1996): "Alarm systems, Alarm transmission systems and equipment - Part 1-1: General requirements for alarm transmission systems".
- [6] ITU-T Recommendation X.2 (1996): "International user classes of service in, and categories of access to, public data networks and Integrated Services Digital Networks (ISDNs)".
- [7] ITU-T Recommendation X.25 (1996): "Interface between Data Terminal Equipment (DTE) and Data Circuit-terminating Equipment (DCE) for terminals operating in the packet mode and connected to public data networks by dedicated circuit".