



# SLOVENSKI STANDARD SIST ETS 300 087 E1:2003

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**Digitalno omrežje z integriranimi storitvami (ISDN) – Faksimilna skupina 4, razred 1, za ISDN – Funkcijska specifikacija za opremo**

Integrated Services Digital Network (ISDN); Facsimile group 4 class 1 equipment on the ISDN; Functional specification of the equipment

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**ICS:**

33.080

Digitalno omrežje z  
integriranimi storitvami  
(ISDN)

Integrated Services Digital  
Network (ISDN)

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**Facsimile group 4 class 1 on the ISDN;**  
**Functional specification of the equipment**  
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**ETSI**

European Telecommunications Standards Institute

**ETSI Secretariat**

**Postal address:** F-06921 Sophia Antipolis CEDEX - FRANCE

**Office address:** 650 Route des Lucioles - Sophia Antipolis - Valbonne - FRANCE

**X.400:** c=fr, a=atlas, p=etsi, s=secretariat - **Internet:** secretariat@etsi.fr

Tel.: +33 92 94 42 00 - Fax: +33 93 65 47 16

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## Foreword

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

Although based on CCITT Recommendations T.563 [1] and T.6 [2], this ETS is also related to other ETSI standards covering group 4 class 1 facsimile. These are ETSs 300 080 [3], 300 112 [4], 300 155 and 300 280.

Details of the full titles and dates of the above-mentioned Recommendations and ETSs are given in Clauses 1 and 2 of this ETS.

Annex A to this ETS is informative.

Transposition dates	
Date of latest announcement of this ETS (doa):	9th May 1994
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	9th August 1994
Date of withdrawal of any conflicting National Standard (dow):	9th February 1995

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## 1 Scope

This ETS specifies the technical characteristics of equipment offering group 4 class 1 facsimile functions for attachment to the Integrated Services Digital Network (ISDN). It is based upon CCITT Recommendation T.563 [1], and CCITT Recommendation T.6 [2].

A basic level of compatibility is provided between any two terminals, both nationally and internationally, so that they may communicate image-coded information to each other. This is to be achieved by requiring that terminals comply with ETSs 300 080 [3], 300 112 [4] and this ETS.

When there is a facsimile group 4 service, only facsimile equipment conforming to this specification may participate in the service. Facsimile equipment complying only to NET 3 can be connected to the ISDN, but may not participate in the service.

It is also permitted to connect group 4 class 1 facsimile equipment to the Telefax 4 Service via primary rate access (according to ETS 300 156). In this case, compliance with the B-channel requirements of ETS 300 080 [3] only (B-channel) is needed for group 4 class 1 facsimile equipment.

This ETS is related to 4 other ETSs on group 4 class 1 facsimile:

ETS 300 080 [3]	"Integrated Services Digital Network (ISDN); ISDN lower layer protocols for telematic terminals".
ETS 300 112 [4]	"Integrated Services Digital Network (ISDN); Facsimile group 4 class 1 equipment on the ISDN; End-to-end protocols".
prETS 300 155	"Facsimile group 4 class 1 equipment on the ISDN; End-to-end protocols tests (interconnection capability testing)".
ETS 300 280	"Integrated Services Digital Network (ISDN); Facsimile group 4 class 1 equipment on the ISDN, Terminal testing".

### 1.1 Field of application

[SIST ETS 300 087 E1:2003](https://standards.iteh.ai/catalog/standards/sist/1ed9d1ca-7a20-4e18-8bd5-7dc1739cc66/sist-ets-300-087-e1-2003)

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This ETS covers group 4 class 1 facsimile equipment functionality only, as defined in CCITT Recommendations T.563 [1] and T.6 [2] with the following restrictions:

- only black and white image types are considered, i.e. foreground and background or set and unset pels according to CCITT Recommendation T.417 [5];
- only equipment connected to an ISDN in a circuit switched mode, at both basic and primary rate, are considered (ISDN packet switched mode, Public Switched Telephone Network (PSTN), Circuit Switched Public Data Networks (CSPDNs), and Packet Switched Public Data Networks (PSPDNs) are not considered);
- only the Transport layer procedure defined in CCITT Recommendation T.70 [6], Section 5, is considered;
- only the Session control procedures defined in CCITT Recommendation T.62 [7] or CCITT Recommendation T.62bis [8] are considered;
- only documents defined as Class B of the Formatted Document Architecture (FDA) of CCITT Recommendation T.412 [9] are considered, i.e. facsimile documents;
- Class A of Formatted Document Architecture (FDA) and basic Teletex documents are not considered;
- only centre line page referencing is considered, i.e. number of pels per line divided by 2 (any further studies on this point may be reflected in a later edition of this ETS).