SLOVENSKI STANDARD
SIST ETS 300 747 E1:2003

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Telekomunikacijska varnost – Krmiljenje in sinhronizacija dostopa do storitev pri avdiovizualnih storitvah

Telecommunications security; Service access control and synchronization for audiovisual services

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ICS:

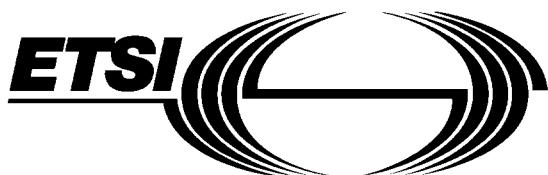|		
33.020	Telekomunikacije na splošno	Telecommunications in general
33.160.01	Avdio, video in avdiovizualni sistemi na splošno	Audio, video and audiovisual systems in general

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Telecommunications Security;
Service access control and synchronization
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Foreword

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

Transposition dates	
Date of adoption:	18 April 1997
Date of latest announcement of this ETS (doa):	31 August 1997
Date of latest publication of new National Standard or endorsement of this ETS (dop/e):	28 February 1998
Date of withdrawal of any conflicting National Standard (dow):	28 February 1998

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1 Scope

This European Telecommunication Standard (ETS) fits into the series of standards about audiovisual communication over the Integrated Services Digital Network (ISDN), which is introduced in the ITU-T H.200 series of Recommendations.

In ITU-T Recommendations H.233 [1] and H.234 [2], the basic mechanisms for confidentiality and key exchange are specified.

On top of these, this ETS specifies the confidentiality related protocol extensions needed for the establishment, modification and termination of audiovisual conferences using one or more Multipoint Control Units (MCUs).

2 Normative references

This ETS incorporates by dated and 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]   ITU-T Recommendation H.233: "Confidentiality system for audiovisual services".

   NOTE 1:   ITU-T Recommendation H.233 forms the basis of ETS 300 840 [6].

[2]   ITU-T Recommendation H.234:   "Encryption   key   management   and authentication system for audiovisual services".

   NOTE 2:   ITU-T Recommendation H.234 forms the basis of ETS 300 841 [7].

[3]   ITU-T Recommendation H.243: "Procedures for establishing communication between three or more audiovisual terminals using digital channels up to 2 Mbit/s".

[4]   ITU-T Recommendation H.231: "Multipoint control units for audiovisual systems using digital channels up to 2 Mbit/s".

[5]   ITU-T Recommendation H.230: "Frame-synchronous control and indication signals for audiovisual systems".

[6]   ETS 300 840: "Telecommunications Security; Integrated Services Digital Network (ISDN); Confidentiality system for audiovisual services".

[7]   ETS 300 840: "Telecommunications Security; Integrated Services Digital Network (ISDN); Encryption key management and authentication system for audiovisual services".

3 Abbreviations

For the purposes of this ETS, the following abbreviations apply:

CCK	Chair Command Kill
CCT	Chair-Control Terminal
ECS	Encryption Control Signal
MCU	Multipoint Control Unit
NMCU	Non-trusted MCU
TMCU	Trusted MCU