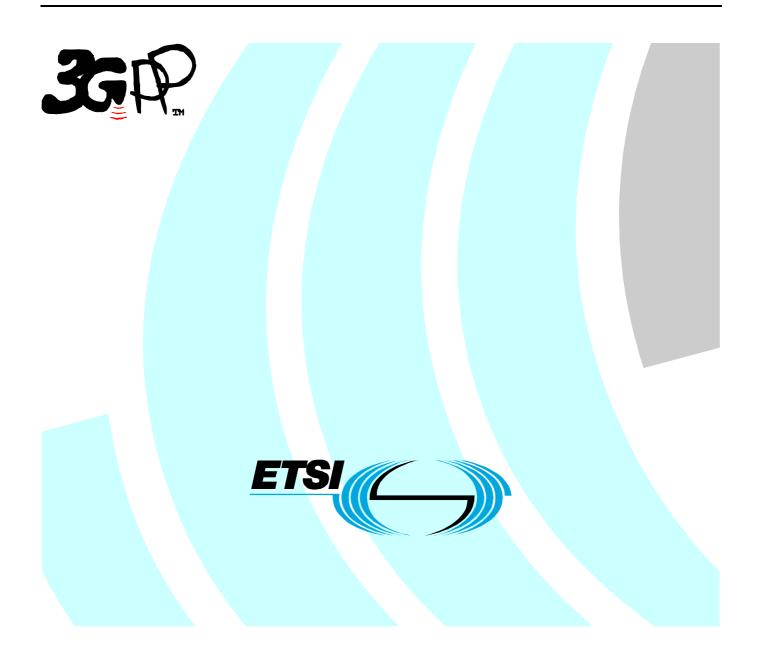
# ETSI TS 131 101 V5.1.0 (2002-12)

**Technical Specification** 

Universal Mobile Telecommunications System (UMTS); UICC-terminal interface; Physical and logical characteristics (3GPP TS 31.101 version 5.1.0 Release 5)



Reference RTS/TSGT-0331101v510

Keywords

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## Foreword

This Technical Specification (TS) has been produced by the 3<sup>rd</sup> Generation Partnership Project (3GPP).

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Version x.y.z

where:

- x the first digit:
  - 1 presented to TSG for information;
  - 2 presented to TSG for approval;
  - 3 or greater indicates TSG approved document under change control.
- y the second digit is incremented for all changes of substance, i.e. technical enhancements, corrections, updates, etc.
- z the third digit is incremented when editorial only changes have been incorporated in the document.

## Introduction

The present document defines a generic Terminal/Integrated Circuit Card (ICC) interface. The present document is independent of the 3GPP applications and can thus be the platform for any IC card application.

The aim of the present document is to ensure interoperability between an ICC and a terminal independently of the respective manufacturer, card issuer or operator. The present document does not define any aspects related to the administrative management phase of the ICC. Any internal technical realisation of either the ICC or the terminal is only specified where these are reflected over the interface.

Application specific details for applications residing on an ICC are specified in the respective application specific documents.

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### 1 Scope

The present document specifies the interface between the UICC and the Terminal for 3G telecom network operation.

The present document specifies:

- the requirements for the physical characteristics of the UICC;
- the electrical interface between the UICC and the Terminal;
- the initial communication establishment and the transport protocols;
- the model which serves as a basis for the logical structure of the UICC;
- the communication commands and the procedures;
- the application independent files and protocols.

The administrative procedures and initial card management are not part of 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.
- [1] ETSI TS 102 221 "Smart Cards; UICC-Terminal interface; Physical and logical characteristics".

# 3 Definitions, symbols, abbreviations and coding

All definitions, symbols, abbreviations applicable to the terminal are specified in TS 102 221 [1].

## 4 Physical and logical characteristics

The UICC/terminal interface shall comply with all requirements stated in ETSI TS 102 221 [1]. Where options are indicated in ETSI TS 102 221 [1], the 3GPP application specifications specify which options are to be used for a UICC/terminal interface where the UICC supports the corresponding applications.

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# Annex A (informative): Change history

The table below indicates all change requests that have been incorporated into the present document since it was initially approved by 3GPP TSG-T.

2000-04   TP-07   TP-000013   001   3   B   Security Attributes   3.0.0   3.1.     TP-000013   002   2   B   Incorporation of the USAT (USIM application toolkit) features.   3.0.0   3.1.     TP-000013   003   3   B   File Control Parameters   3.0.0   3.1.     TP-000013   004   1   F   Coding of status words   3.0.0   3.1.     TP-000013   004   1   F   Coding of status words   3.0.0   3.1.0     TP-000013   006   B   Definition of application session related procedures   1.0.0   1.0.0   1.0.0     TP-000013   009   F   Charges to UICC specific files   1.0.0   3.1.0   3.2.0     2000-07   TP-08   TP-000034   012   F   Use of status codes 6200, 6400 and 6500   1.0.0   3.1.0   3.2.0     TP-00094   013   F   Carrication of the UICC characteristics byte   1.0.0   1.0.0   1.0.0   1.0.0     TP-000094   016   F							Change history		
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5.0.0 are identical to the contents of version 4.0.0. This									
was required as there was a CR to release 4 creating									
release 6 of the specification.									
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# History

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