

ETSI TS 131 130 V14.1.1 (2018-01)



**Digital cellular telecommunications system (Phase 2+) (GSM);
Universal Mobile Telecommunications System (UMTS);
LTE;
(U)SIM Application Programming Interface (API);
(U)SIM API for Java™ Card
(3GPP TS 31.130 version 14.1.1 Release 14)**



Reference

RTS/TSGC-0631130ve11

Keywords

GSM,LTE,UMTS

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1 Scope

The present document defines the (U)SIM Application Programming Interface extending the "UICC API for Java Card™" [2].

This API allows to develop a (U)SAT application running together with a (U)SIM application and using GSM/3G network features.

The present document includes information applicable to network operators, service providers, server – (U)SIM – and database manufacturers.

2 References

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- [1] ETSI TS 101 220: "Integrated Circuit Cards (ICC); ETSI numbering system for telecommunication; Application providers (AID)".
- [2] ETSI TS 102 241 V13.0.0: "UICC API for Java Card™"
- [3] 3GPP TS 31.102: "Characteristics of the USIM Application".
- [4] 3GPP TS 51.011 Release 4: "Specification of the Subscriber Identity Module- Mobile Equipment (SIM – ME) interface".
- [5] 3GPP TS 23.041: "Technical realization of Cell Broadcast Service (CBS)".
- [6] 3GPP TS 31.101: "UICC-terminal interface; Physical and logical characteristics".
- [7] 3GPP TS 31.111: "USIM Application Toolkit (USAT)".
- [8] 3GPP TS 51.014 Release 4: "Specification of the SIM Application Toolkit for the Subscriber Identity Module – Mobile Equipment (SIM – ME) interface".
- [9] 3GPP TS 31.115: "Secured packet structure for the (U)SIM Toolkit applications".
- [10] 3GPP TS 23.040: "Technical realization of the Short Message Service (SMS)".
- [11] ORACLE "Application Programming Interface, Java Card™ Platform, 3.0.1 Classic Edition".
- [12] ORACLE "Runtime Environment Specification, Java Card™ Platform, 3.0.1 Classic Edition".
- [13] ORACLE "Virtual Machine Specification Java Card™ Platform, 3.0.1 Classic Edition".

Note: ORACLE Java Card™ Specifications can be downloaded at <http://docs.oracle.com/javame/javacard/javacard.html>

- [14] 3GPP TS 23.032: "Universal Geographical Area Description (GAD)".
- [15] IEC 61162-1: "Maritime navigation and radio communication equipment and systems – Digital interfaces".