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**Smart Cards;  
UICC - Contactless Front-end (CLF) Interface;  
Host Controller Interface (HCI)  
(Release 13)**

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RTS/SCP-THClvd00

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**ETSI**

650 Route des Lucioles  
F-06921 Sophia Antipolis Cedex - FRANCE

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Tel.: +33 4 92 94 42 00 Fax: +33 4 93 65 47 16

Siret N° 348 623 562 00017 - NAF 742 C  
Association à but non lucratif enregistrée à la  
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## Foreword

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# 1 Scope

The present document specifies a logical interface that enables contactless applications hosted on the UICC. The present document covers the configuration where the one host is embedded in the UICC which is connected to the host controller embedded in the CLF.

The interface is specified in two parts:

- the HCI core as described in the first part of the present document (clauses 4 to 8), specifies an application independent logical interface; and
- the contactless platform as described in the second part of the present document (clauses 9 to 11) specifies an implementation of the HCI core for contactless applications using the UICC and the CLF.

Lower layer protocols that support the HCI like the SWP specified in ETSI TS 102 613 [2] are out of the scope of the present document.

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## 2 References

### 2.1 Normative references

References are either specific (identified by date of publication and/or edition number or version number) or non-specific. For specific references, only the cited version applies. For non-specific references, the latest version of the referenced document (including any amendments) applies.

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The following referenced documents are necessary for the application of the present document.

- [1] Void.
- [2] ETSI TS 102 613: "Smart Cards; UICC - Contactless Front-end (CLF) Interface; Part 1: Physical and data link layer characteristics".
- [3] ETSI TS 102 223: "Smart Cards; Card Application Toolkit (CAT)".
- [4] ISO/IEC 18092: "Information technology - Telecommunications and information exchange between systems - Near Field Communication - Interface and Protocol (NFCIP-1)".
- [5] ISO/IEC 14443-2: "Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 2: Radio frequency power and signal interface".
- [6] ISO/IEC 14443-3: "Identification cards - Contactless integrated circuit(s) cards - Proximity cards - Part 3: Initialization and anticollision".
- [7] ISO/IEC 14443-4: "Identification cards - Contactless integrated circuit cards - Proximity cards - Part 4: Transmission protocol".
- [8] ISO/IEC 7816-4: "Identification cards - Integrated circuit cards - Part 4: Organization, security and commands for interchange".
- [9] ETSI TS 101 220: "Smart Cards; ETSI numbering system for telecommunication application providers".