



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

## **Maintenance Report M-2007/03**

### **IC Platform of FeliCa Contactless Smartcard CXD9861/ MB94RS402 version FR00 001 with HAL-API v. 22.0 & DRNG Library v. 22.0 version SUPPRESS**

Reference Certificate : 2006/29

## **Courtesy Translation**

*Paris, 23<sup>rd</sup> of April 2007*

*Le Directeur central de la sécurité des  
systèmes d'information*

*Patrick Pailloux*



## References

- a) Assurance continuity procedure MAI/P/01.
- b) Security target: « IC Platform of FeliCa Contactless Smartcard CXD9861/MB94RS402 Security Target », Version 5, Level 7, November 13, 2006.
- c) Public security target: « IC Platform of FeliCa Contactless Smartcard CXD9861/MB94RS402 Security Target (Public Version) », Version 5, Level 3, November 22, 2006.
- d) Certification report 2006/29 and certificate 2006/29, December 14, 2006.
- e) Impact analysis report: « Impact Analysis Report 02 », Version 5 Level 1 ref.:MB94RS402\_IAR\_E02\_V5L1, April 5, 2007.

## Identification of the maintained product

The maintained product is « IC Platform of FeliCa Contactless Smartcard CXD9861/ MB94RS402 version FR00 001 with HAL-API v. 22.0 & DRNG Library v. 22.0 » developed by FUJITSU.

## Description of changes

The change is the addition of a compilation mode for the DRNG library v22.0 which reduces the command set. This specific compilation of the library is identified as the DRNG library v22.0 version SUPPRESS.

## Impacted deliverables

This change leads to changes on the guidance.

The configuration list and the security targets changed also to identify the new guides.

[CONF]	<p>Configuration list of the product:</p> <ul style="list-style-type: none"> <li>- CM list for CC, v32</li> <li>- Project HAL Configuration list FR00 001(CS), February 7, 2007</li> <li>- Project Submission List Version 37</li> </ul>
[GUIDES]	<p>Guidance of the product:</p> <ul style="list-style-type: none"> <li>- RC-S960 / MB94RS402 LSI Specifications, MB94RS402_USR_E01, V5L6</li> <li>- HAL-API Function Specification, MB94RS402_USR_E02, V5L5</li> <li>- DRNG Library Specifications, MB94RS402_USR_E03, V5L3</li> </ul>
[ST]	<p>Reference security target for the evaluation :</p> <ul style="list-style-type: none"> <li>- IC Platform of FeliCa Contactless Smartcard CXD9861 / MB94RS402 Security Target, Version 5, Level 8, February 6, 2007.</li> </ul> <p>For the needs of publication, the following security target has been provided and validated in the evaluation:</p> <ul style="list-style-type: none"> <li>- IC Platform of FeliCa Contactless Smartcard CXD9861 / MB94RS402 Security Target (Public Version), Version 5, Level 4, February 6, 2007.</li> </ul>

## **Conclusions**

The above listed changes are considered as having a **minor** impact.

The assurance level of this new product revision is thus identical to the certified revision.

## **Warning**

The resistance level of a certified product is declining as time goes by. The vulnerability analysis of this product revision versus the new attacks that would have appeared since the certificate release has not been conducted in the frame of this current maintenance. Only a re-evaluation or a “surveillance” of the new product revision would allow maintaining the assurance level in a timely and efficient manner.

## Recognition of the certificate

### *European recognition (SOG-IS)*

The reference certificate was issued in accordance with the provisions of the SOG-IS agreement [SOG-IS].

The European Recognition Agreement made by SOG-IS in 1999 allows recognition from Signatory States of the agreement<sup>1</sup>, of ITSEC and Common Criteria certificates. The European recognition is applicable up to ITSEC E6 and CC EAL7 levels. The certificates that are recognized in the agreement scope are released with the following marking:



### *International common criteria recognition (CCRA)*

The reference certificate was released in accordance with the provisions of the CCRA [CCRA].

The Common Criteria Recognition Arrangement allows the recognition, by signatory countries<sup>2</sup>, of the Common Criteria certificates. The mutual recognition is applicable up to the assurance components of CC EAL4 level and also to ALC\_FLR family. The certificates that are recognized in the agreement scope are released with the following marking:



This maintenance report is released in accordance with the document: « Assurance Continuity: CCRA Requirements, ref. CCIMB-2004-02-009, version 1.0, February 2004 ».

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1 The signatory countries of the SOG-IS agreement are: Finland, France, Germany, Greece, Italy, The Netherlands, Norway, Portugal, Spain, Sweden, Switzerland and United Kingdom.

2 The signatory countries of the CCRA arrangement are: Australia, Austria, Canada, Czech Republic, Denmark, Finland, France, Germany, Greece, Hungary, India, Israel, Italy, Japan, The Netherlands, New-Zealand, Norway, Singapore, Spain, Sweden, Turkey, United Kingdom and United States.