



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

Maintenance Report DCSSI-2008/18-M01

Sony FeliCa Contactless Smart Card IC Chip RC-S962/1

Reference Certificate : DCSSI-2008/18

Courtesy Translation

Paris, 1st of December 2008



References

- a) Assurance continuity procedure MAI/P/01,
- b) RC-S962/1 Composite Security Target, reference : 962-ST-E01-10 version 1.10, Sony Corporation,
- c) RC-S962/1 Composite Security Target – Public version, reference: 962-STL-E01-10 version 1.10, Sony Corporation.
- d) Certification Report DCSSI-2008/18 - Sony FeliCa Contactless Smart Card IC Chip RC-S962/1, 27th of June 2008, SGDN/DCSSI
- e) Certification Report DCSSI-2008/15 - IC Platform of FeliCa Contactless Smartcard CXD9916H3 / MB94RS403 & HAL Library, 26th of May 2008, SGDN/DCSSI.
- f) RC-S962/1 - Impact Analysis Report, No. 962-IAR-E01-00, Version 1.00, Sony Corporation

Identification of the maintained product

The maintained product is the Sony FeliCa Contactless Smart Card IC Chip RC-S962/1, developed by Sony Corporation, as identified in chapter “1.2.1. Product identification” of the certification report (reference d).

Description of changes

The certification report (reference d) indicates, in chapter “1.2.4. Life cycle”, that the product is delivered by Sony Toyosato (product developer). For that, the delivery procedure followed is “RC-S962 IC Delivery Rules” pointed out in chapter “6.3.2 Assurance Measures for TOE 2” of the security target (reference b).

From now on, the product may also be delivered directly by Fujitsu (microcontroller manufacturer). For that, the delivery procedure followed will be “Product Delivery Specification” which is also pointed out in in chapter “6.3.2 Assurance Measures for TOE 2” of the security target (reference b).

As this delivery procedure has been evaluated and validated during the product evaluation, the change introduced here has no impact on the security of the product.

Impacted deliverables

There is no deliverables impacted.

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 agreement¹, 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 countries², 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 ».

1 The signatory countries of the SOG-IS agreement are: Finland, France, Germany, Greece, Italy, The Netherlands, Norway, Spain, Sweden 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 Republic of Korea, Malaysia, Netherlands, New-Zealand, Norway, Singapore, Spain, Sweden, Turkey, the United Kingdom and the United States of America.