



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

Maintenance Report DCSSI-2004/35-M01

ATMEL Microcontroller AT90SC9608RC rev. I

Reference Certificate: 2004/35

Courtesy Translation

Paris, 10th of March 2008



References

- a) Assurance continuity procedure MAI/P/01,
- b) ARIEL Security Target, reference: Ariel_ST_V1.2_01Nov04,
- c) Certification report 2004/35 - ATMEL Microcontroller AT90SC9608RC rev. I, 15 December 2004,
- d) Ariel Security Impact Analysis, reference: Ariel_SIA_V1.7_21Nov07.

Identification of the maintained product

The maintained product is the ATMEL secure microcontroller AT90SC9608RC, reference AT578A7 rev. I developed by ATMEL Secure Microcontroller Solutions, and certified under the reference 2004/35.

Description of changes

The production of AT90SC9608RC has been transferred from ATMEL North Tyneside (UK) to Rousset production plant (Z.I. Rousset Peynier, 13106 Rousset Cedex, France).

The product identification remains the same, except the content of the serial number register SN_3 which has been updated to reflect the change of production plant (new content : Q1 in ASCII).

This change in the life cycle of the product did not introduce any modification to the security functions. Moreover, the production environment of ATMEL Rousset premises is evaluated and audited on a regular basis by the ITSEF CEACI, for evaluation and reevaluation of ATMEL product at EAL5+ level. The result of these tasks is satisfactory.

Impacted deliverables

The only impacted documentation is the one related to configuration management:

[CONF]	Ariel Manufacturing Configuration List, reference: Ariel_MCL_V1.4_21Nov07 Ariel Pattern and Mask List, reference: Ariel_ST_V1.2_01Nov04
[ST]	Ariel Security Target, reference: Ariel_ST_V1.3_21Nov07

Conclusions

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

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

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, 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.