



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

Maintenance Report M-2007/07

ATMEL Secure Microcontroller AT90SC9618RCT, AT90SC9618RT and AT90SC9608RT rev. D

Reference certificate: 2006/26

Courtesy Translation

Paris, 25 May 2007



References

- a) Assurance continuity procedure MAI/P/01
- b) Carbonear Security Target, reference: Carbonear_ST_v1.5,
- c) AT90SC9618RCT Security Target Lite, reference: TPG0097B_18Oct06
- d) Certification Report 2006/26 - ATMEL Secure Microcontroller AT90SC9618RCT rev. D, 14 December 2006,
- e) Carbonear Security Impact Analysis, reference: Carbonear_SIA_V1.5_26Apr07.

Identification of the maintained product

The maintained products are the version AT90SC9618RT and AT90SC9608RT of the secure microcontroller AT90SC9618RCT, reference AT58823 revision D developed by Atmel Secure Products Division. All versions include the cryptographic software library Toolbox 3.x revision: 00.03.01.04.

Description of changes

All versions are identical to the certified version, from a silicon point of view. The differences consist in the cryptographic coprocessor deactivation and the memory sizes sold, as described in §1.2 of the identified guidance (see. GUIDES). Different commercial references have been given in order to distinguish these configurations.

Impacted deliverables

The following documents have been updated :

[GUIDES]	<ul style="list-style-type: none">- AT90SC9608RT Technical Datasheet, reference: TPR0307AX_SPD_02May07- AT90SC9618RT Technical Datasheet, reference: TPR0306AX_SPD_02May07
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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.