



PREMIER MINISTRE

Secrétariat général de la défense nationale

Direction centrale de la sécurité des systèmes d'information

## **Maintenance Report DCSSI-2003/12-M02**

**ICitizen Tachograph :  
Tachograph card version 0.9.0  
(référence : M256LFCHRON\_SI\_A5\_05\_01)**

Reference Certificate : 2003/12

**Courtesy Translation**

*Paris, 17 June 2009*



## References

- a) Assurance continuity procedure MAI/P/01;
- b) PHAESTOS Security Target, reference MRD11STT023001, version 1.5;
- c) Certification report DCSSI-2003/12 - ICitizen Tachograph: tachograph card version 0.9.0 (reference : M256LFCHRON\_SI\_A5\_05\_01), 27 August 2003, SGDN/DCSSI;
- d) Maintenance report M-2006/04 on 1<sup>st</sup> March 2006 ;
- e) Impact analysis report: PHAESTOS1: Tachograph v1 (SLE66CX322P), reference: 09-0123.1, revision 1.0.

## Identification of the maintained product

The maintained product is the masked chip **ICitizen Tachograph version 0.9.0** developed by Schlumberger Systèmes and Infineon Technologies AG, made up of the following elements:

Element	Version	Développeur
Tachograph application	SC_V0.9.0	Schlumberger Systems
GEOS – Generic Operating System	PLATFORM_T_SC_04_02;9	Schlumberger Systems
ACE library	1.0	Infineon Technologies AG
RMS library	1.3	Infineon Technologies AG
SLE66CX322P microcontroller	GC/B14	Infineon Technologies AG

The evaluated masked chip reference is **M256LFCHRON\_SI\_A5\_05\_01**.

The reference given by Infineon to Schlumberger Systèmes for the mask made up of the operating system GEOS and the Tachograph application is SB 102.

## Description of changes

Axalto Company, which has retrieved Schlumberger's smartcard activities, is in charge of the development of the product and has merged with Gemplus Company. The production (micro-module manufacturing and pre-personalization process) has been transferred from Gemalto premises in Orléans Limere (avenue de la pomme de pin, 45590 Saint cyr en val, France) towards Gemalto premises in Gemenos (Avenue du Pic de Bretagne, 13 881 Gémenos, France). This change in the life cycle does not introduce any change in the security function of the product. Moreover, the production site in Gemenos is evaluated and audited regularly by the ITSEF Serma Technologies for evaluation and re-evaluation of Gemalto products (the last one was performed for the certificate DCSSI-2008/02). The results of these tasks are satisfactory.

## Impacted deliverables

No deliverable is impacted by the evolution.

## 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, 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, Malaysia, Netherlands, New-Zealand, Norway, Pakistan, the Republic of Korea, Singapore, Spain, Sweden, Turkey, the United Kingdom and the United States of America.