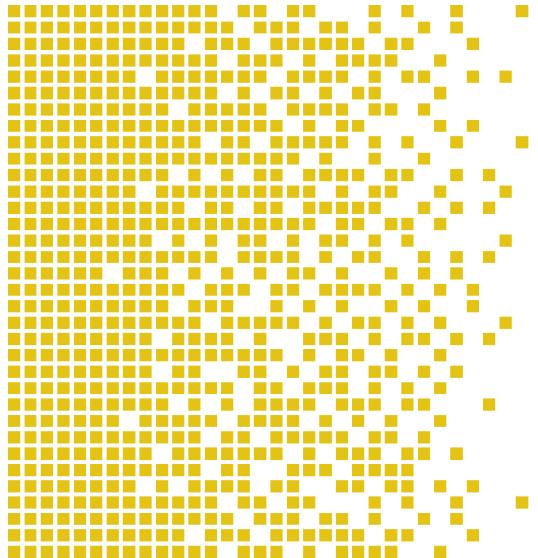
# SERTIT-109 CR Certification Report

Issue 1.0 02 July 2018

Expiry date 02 July 2023

FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software



CERTIFICATION REPORT - SERTIT STANDARD REPORT TEMPLATE SD 009 VERSION 2.1 11.11.2011

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Mutual recognition under SOGIS MRA applies to components up to EAL4.



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#### 1 Certification Statement

Shanghai Fudan Microelectronics Groups Co., Ltd FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software is a high-end dual-interface secure smart card integrated circuit suitable for ID cards, Banking cards, e-Passport applications and the like.

FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software has been evaluated under the terms of the Norwegian Certification Scheme for IT Security and has met the Common Criteria Part 3 (ISO/IEC 15408) [5] conformant requirements of Evaluation Assurance Level EAL 5 + augmented with AVA\_VAN.5, ATE\_DPT.2 and ALC\_DVS.2 for the specified Common Criteria Part 2 (ISO/IEC 15408) [4] extended functionality in the specified environment when running on the platforms specified in Annex A. It has also met the requirements of Protection Profile BSI-CC-PP-0084-2014 V1.0 [21].

| Author            | Arne Høye Rage Certifier  Ane H. Rage |
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|                   | Head of SERTIT on Skyll               |
| Date approved     | 02 July 2018                          |

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#### 2 Abbreviations

API Application Programming Interface

CC Common Criteria for Information Security Evaluation (ISO/IEC

15408)

CCRA Arrangement on the Recognition of Common Criteria Certificates

in the Field of Information Technology Security

CEM Common Methodology for Information Technology Security

Evaluation

CMS Chip Management System

DEMA Differential Electro Magnetic Analysis

DES Data Encryption Standard

DPA Differential Fault Analysis

EAL Evaluation Assurance Level

EEPROM Electrically Erasable Programmable Read Only Memory

EMFI Electro-Magnetic Fault Injection

EOR Evaluation Observation Report

ETR Evaluation Technical Report

EVIT Evaluation Facility under the Norwegian Certification Scheme for

IT Security

FBBI Forward-Body Bias Injection

IC Integrated Circuit

OSP Organizational Security Policy

RAM Random Access Memory

RNG Random Number Generator

ROM Read Only Memory

RSA Rivest, Shamir, Adleman Public Key Encryption

SERTIT Norwegian Certification Authority for IT Security

SEMA Simple Electro Magnetic Analysis

SFR Security Functional Requirements

SPA Simple Power Analysis

ST Security Target

TOE Target of Evaluation

| TSF TOE Security Functions |
|----------------------------|
|----------------------------|

TSP TOE Security Policy
VM Voltage Manipulation

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#### 3 References

- [1] FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software Security Target, Shanghai Fudan Microelectronics Groups Co., Ltd, Version 0.5, 10 May 2018.
- [2] FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software Security Target Lite v2.0, May 2018
- [3] Common Criteria Part 1, CCMB-2012-09-001, Version 3.1 R4, September 2012.
- [4] Common Criteria Part 2, CCMB-2012-09-002, Version 3.1 R4, September 2012.
- [5] Common Criteria Part 3, CCMB-2012-09-003, Version 3.1 R4, September 2012.
- [6] The Norwegian Certification Scheme, SD001E, Version 8.0, 20 August 2010.
- [7] Common Methodology for Information Technology Security Evaluation, Evaluation Methodology, CCMB-2012-09-004, Version 3.1 R4, September 2012.
- [8] CCRA (2006), ST sanitising for publication, 2006-04-004, CCRA, April 2006.
- [9] JIL Attack Methods for Smartcards and Similar Devices, Version 2.2, January 2013.
- [10] JIL Application of Application Attack Potential to Smart Cards, Version 2.9, May 2013.
- [11] AIS20/31 A proposal for Functionality classes for random number generators, Version 2.0, 18 September 2011.
- [12] The Application of CC to Integrated Circuits, Version 3.0, Revision 1, March 2009
- [13] Requirements to perform Integrated Circuit Evaluation, Version 1.1, May 2013
- [14] Security Architecture requirements (ADV\_ARC) for smart cards and similar devices, Version 2.1, April 2014
- [15] Evaluation Technical Report (ETR) Common Criteria EAL5+ Evaluation of the Fudan FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software 18-RPT-303 Version 2.0, 31 May 2018 (Brightsight).
- [16] FM1280 Security Preparatory Guidance, Version 1.0, May 2018
- [17] FM1280 Security Programming Guidance, Version 3.0, 15 May 2018

- [18] Application Programming Interface for FMSH\_CryptoLib, Version 0.4, 25 December 2017
- [19] Application Programming Interface for Driver, Version 1.1, 18 January 2018
- [20] FM1280 User Manual, Version1.1, 06 December 2017
- [21] Security IC Platform Protection Profile with Augmentation Packages, BSI-CC-PP-0084-2014, Version 1.0, January 2014.

#### 4 Executive Summary

#### 4.1 Introduction

This Certification Report states the outcome of the Common Criteria security evaluation of FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software to the Sponsor, Shanghai Fudan Microelectronics Groups Co., Ltd, and is intended to assist prospective consumers when judging the suitability of the IT security of the product for their particular requirements.

Prospective consumers are advised to read this report in conjunction with the Security Target [1][2] which specifies the functional, environmental and assurance evaluation requirements.

#### 4.2 Evaluated Product

The version of the product evaluated was FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software.

This product is also described in this report as the Target of Evaluation (TOE). The developer was Shanghai Fudan Microelectronics Groups Co., Ltd.

The TOE is a secure smart card integrated circuit with dedicated software mainly for banking and finance market, electronic commerce or governmental applications. The scope of the TOE includes a dual-interface IC hardware and IC dedicated software for DES and RSA. The IC has a DES coprocessor, an AES coprocessor, a coprocessor for supporting RSA and ECC calculation and a True Random Number Generator (AIS20/31 [11] PTG.2 class).

Details of the evaluated configuration, including the TOE's supporting guidance documentation, are given in Annex A.

#### 4.3 TOE scope

The TOE scope is described in the Security Target [1][2], chapter 1.3.

#### 4.4 Protection Profile Conformance

The Security Target [1][2] claimed conformance to the following protection profile:

BSI-CC-PP-0084-2014 V1.0

#### 4.5 Assurance Level

The Security Target [1][2] specified the assurance requirements for the evaluation. The assurance incorporated predefined evaluation assurance level EAL 5 +, augmented by AVA VAN.5, ATE DPT.3 and ALC DVS.2. Common

Criteria Part 3 [5] describes the scale of assurance given by predefined assurance levels EAL1 to EAL7. An overview of CC is given in CC Part 1 [3].

#### 4.6 Security Policy

The TOE security policies are detailed in Security Target [1][2], chapter 3.3.

#### 4.7 Security Claims

The Security Target [1][2] fully specifies the TOE's security objectives, the threats and OSP's which these objectives counter or meet and security functional requirements and security functions to meet the objectives. Most of the SFR's are taken from CC Part 2 [4]. Others come from extended component definitions copied from the claimed PP [21]. Use of the standard and the standardized PP [21] facilitates comparison with other evaluated products

The following SFR's are defined in the Protection Profile [21]: FCS\_RNG.1, FMT\_LIM.1, FMT\_LIM.2, FAU\_SAS.1, FDP\_SDC.1.

#### 4.8 Threats Countered

All threats that are countered are described in the Security Target [1][2], chapter 3.2.

#### 4.9 Threats Countered by the TOE's environment

There are no threats countered by the TOE's environment.

#### 4.10 Threats and Attacks not Countered

No threats or attacks are described that are not countered.

#### 4.11 Environmental Assumptions and Dependencies

The assumptions that apply to this TOE are described in the Security Target [1][2], chapter 3.4.

#### 4.12 IT Security Objectives

The security objectives that apply to this TOE are described in the Security Target [1][2], chapter 4.1.

#### 4.13 Security Objectives for the TOE's Environment

The security objectives for the environment are described in the Security Target [1][2], chapter 4.2 and chapter 4.3.

#### 4.14 Security Functional Requirements

The following Security Functional Requirements are directly taken from the Protection Profile [21].

| Security<br>Functional<br>Requirement | Title   |  |  |  |
|---------------------------------------|---|--|--|--|
| FRU_FLT.2                             | "Limited fault tolerance"                     |  |  |  |
| FPT_FLS.1                             | "Failure with preservation of secure state"   |  |  |  |
| FMT_LIM.1                             | "Limited capabilities"                        |  |  |  |
| FMT_LIM.2                             | "Limited availability"                        |  |  |  |
| FAU_SAS.1                             | "Audit storage"                               |  |  |  |
| FPT_PHP.3                             | "Resistance to physical attack"               |  |  |  |
| FDP_ITT.1                             | "Basic internal transfer protection"          |  |  |  |
| FDP_IFC.1                             | "Subset information flow control"             |  |  |  |
| FPT_ITT.1                             | "Basic internal TSF data transfer protection" |  |  |  |
| FDP_SDC.1                             | "Stored data confidentiality"                 |  |  |  |
| FDP_SDI.2                             | "Stored data integrity monitoring and action" |  |  |  |
| FCS_RNG.1                             | "Quality metric for random numbers"           |  |  |  |
| FCS_COP.1[TDES]                       | "Cryptographic operation - TDES"              |  |  |  |
| FCS_COP.1[AES]                        | "Cryptographic operation - AES"               |  |  |  |

Except for FAU\_SAS.1, FDP\_SDC.1, FDP\_SDI.2, FCS\_RNG.1, FCS\_COP.1[TDES] and FCS\_COP.1[AES] all assignments and selections are completely defined in the Protection Profile [21]. The operations for FAU\_SAS.1, FDP\_SDC.1, FDP\_SDI.2, FCS\_RNG.1, FCS\_COP.1[TDES] and FCS\_COP.1[AES] are completed in the Security Target [1][2].

The following additional Security Functional Requirements are claimed in the Security Target [1][2]:

| Security<br>Functional<br>Requirement | Title                   |
|---------------------------------------|-------------------------|
| FDP_ACC.1                             | "Subset access control" |

V1.0

| FDP_ACF.1      | "Security attribute based access control" |
|----------------|---|
| FCS_COP.1[RSA] | "Cryptographic operation – RSA"           |
| FCS_COP.1[ECC] | "Cryptographic operation – ECC"           |

#### 4.15 Security Function Policy

The TOE is a secure microcontroller with with IC dedicated support software.

The TOE consists of IC Hardware, the IC dedicated software and the supporting documents. The hardware is based on a CPU, memories of ROM, EEPROM, RAMs, cryptographic coprocessors for execution and acceleration of TDES and RSA cryptographic algorithms, security components and several communication interfaces.

The IC dedicated software consists of driver, boot and a cryptographic library.

The TOE supports the following communication interfaces:

- ISO/IEC 14443 TYPE A contactless interface
- ISO/IEC 7816 contact interface.
- GPIO
- SPI and High Speed SPI
- 12C
- UART

The TOE is delivered to a composite product manufacturer. The IC embedded software is developed by the composite product manufacturer. The IC embedded software is sent to Fudan Company to be loaded in EEPROM and delivered back to the composite product manufacturer together with the TOE. The firmware loading feature is disabled after TOE delivery. The security IC embedded software is not part of the TOE.

#### 4.16 Evaluation Conduct

The evaluation was carried out in accordance with the requirements of the Norwegian Certification Scheme for IT Security as described in SERTIT Document SD001E [6]. The Scheme is managed by the Norwegian Certification Authority for IT Security (SERTIT). As stated on page 2 of this Certification Report, SERTIT is a member of the Arrangement on the Recognition of Common Criteria Certificates in the Field of Information Technology Security (CCRA), and the evaluation was conducted in accordance with the terms of this Arrangement.

The purpose of the evaluation was to provide assurance about the effectiveness of the TOE in meeting its Security Target [1][2], which prospective consumers are advised to read. To ensure that the Security Target

[1][2] gave an appropriate baseline for a CC evaluation, it was first itself evaluated. The TOE was then evaluated against this baseline. Both parts of the evaluation were performed in accordance with CC Part 3 [5] and the Common Evaluation Methodology (CEM) [7]. Interpretations [9], [10], [11] and CC mandatory documents [12], [13], [14] are used.

SERTIT monitored the evaluation, which was carried out by Brightsight B.V. as Commercial Evaluation Facility (EVIT). The evaluation was completed when the EVIT submitted the final Evaluation Technical Report (ETR) [15] to SERTIT on 2 Nobember 2016. As a result SERTIT then produced this Certification Report.

#### 4.17 General Points

The evaluation addressed the security functionality claimed in the Security Target [1][2] with reference to the assumed operating environment specified by the Security Target [1][2]. The evaluated configuration was that specified in Annex A. Prospective consumers are advised to check that this matches their identified requirements and give due consideration to the recommendations and caveats of this report.

Certification does not guarantee that the IT product is free from security vulnerabilities. This Certification Report and the belonging Certificate only reflect the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown in this report. This Certification Report is not an endorsement of the IT product by SERTIT or any other organization that recognizes or gives effect to this Certification Report, and no warranty of the IT product by SERTIT or any other organization that recognizes or gives effect to this Certification Report is either expressed or implied.

### 5 Evaluation Findings

The evaluators examined the following assurance classes and components taken from CC Part 3 [5]. These classes comprise the EAL5 assurance package augmented with AVA\_VAN.5 and ALC\_DVS.2.

| Assurance components |   |  |  |
|----------------------|---|--|--|
| ADV_ARC.1            | Architectural design  |  |  |
| ADV_FSP.5            | Functional specification  |  |  |
| ADV_IMP.1            | Implementation representation   |  |  |
| ADV_INT.2            | TSF internals   |  |  |
| ADV_TDS.4            | TOE design  |  |  |
| AGD_OPE.1            | Operational user guidance   |  |  |
| AGD_PRE.1            | Preparative user guidance   |  |  |
| ALC_CMC.4            | CM capabilities   |  |  |
| ALC_CMS.5            | CM scope  |  |  |
| ALC_DEL.1            | Delivery  |  |  |
| ALC_DVS.2            | Development security  |  |  |
| ALC_LCD.1            | Life-cycle definition   |  |  |
| ALC_TAT.2            | Tools and techniques  |  |  |
| ASE_CCL.1            | Conformance claims  |  |  |
| ASE_ECD.1            | Extended components definition  |  |  |
| ASE_INT.1            | ST introduction   |  |  |
| ASE_OBJ.2            | Security objectives   |  |  |
| ASE_REQ.2            | Derived security requirements   |  |  |
| ASE_SPD.1            | Security problem definition   |  |  |
| ASE_TSS.1            | TOE summary specification   |  |  |
| ATE_COV.2            | Coverage  |  |  |
| ATE_DPT.3            | Depth   |  |  |
| ATE_FUN.1            | Functional testing  |  |  |
| ATE_IND.2            | Independent testing   |  |  |
| AVA_VAN.5            | Vulnerability analysis  |  |  |
|                      | ADV_ARC.1 ADV_FSP.5 ADV_IMP.1 ADV_INT.2 ADV_TDS.4 AGD_OPE.1 AGD_PRE.1 ALC_CMC.4 ALC_CMS.5 ALC_DEL.1 ALC_DVS.2 ALC_LCD.1 ALC_TAT.2 ASE_CCL.1 ASE_CCL.1 ASE_INT.1 ASE_OBJ.2 ASE_REQ.2 ASE_SPD.1 ASE_TSS.1 ATE_COV.2 ATE_DPT.3 ATE_FUN.1 ATE_IND.2 |  |  |

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All assurance classes were found to be satisfactory and were awarded an overall "pass" verdict.

#### 5.1 Introduction

The evaluation addressed the requirements specified in the Security Target [1][2]. The results of this work were reported in the ETR [15] under the CC Part 3 [5] headings. The following sections note considerations that are of particular relevance to either consumers or those involved with subsequent assurance maintenance and re-evaluation of the TOE.

#### 5.2 Delivery

On receipt of the TOE, the consumer is recommended to check that the evaluated versions of its constituent components have been supplied, and to check that the security of the TOE has not been compromised in delivery.

The delivery and acceptance procedures are described in the supporting document [16].

#### 5.3 Installation and Guidance Documentation

According to the Security Target [1][2] Section 1.4, the installation procedure is not applicable because the embedded software is loaded on the EEPROM in Phase 3 and the load feature is disabled before the TOE is delivered to the user. No additional installation is required.

#### 5.4 Misuse

There is always a risk of intentional and unintentional misconfigurations that could possibly compromise confidential information. Security IC Embedded Software shall follow the guidance documentation [16], [17], [18], [19], [20] for the TOE in order to ensure that the TOE is operated in a secure manner.

The guidance documents adequately describe the mode of operation of the TOE, all assumptions about the intended environment and all requirements for external security. Sufficient guidance is provided for the consumer to effectively use the TOE's security functions.

#### 5.5 Vulnerability Analysis

The Evaluators' vulnerability analysis was based on both public domain sources and the visibility of the TOE given by the evaluation process.

An independent vulnerability analysis was done, consisting of the following steps:

A design and implementation review on the TOE was done to identify weaknesses in the TOE that could potentially be exploited by attackers. A code review of the crypto library and boot code was also executed.

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- Validation tests of security features performed in the ATE class are taken into account for the following vulnerability analysis.
- A vulnerability analysis based on the design and implementation review results and the validation test results of security features, was performed considering the well-known attacks from the "JIL Attack Methods for Smartcards and Similar Devices" [9]. User guidance is also taken into consideration while analysing potential vulnerabilities.
- A penetration test plan is established based on the results of the vulnerability analysis.
- Practical penetration tests are performed according the penetration test plan.

#### 5.6 Developer's Tests

The developer tests consist of four parts; 1) testing on engineering samples, 2) testing on wafers and 3) testing on simulation tools.

Testing on engineering samples:

Developer tests performed on engineering samples (cards or Dual-In-Line-Package ICs)

Testing on wafers:

Developer tests performed on wafers

Testing on simulation tools:

Developer tests were done on simulation tools in the chip development environment, which were used to verify the logical functions.

#### 5.7 Evaluators' Tests

The evaluator's responsibility for performing independent testing is required by the ATE\_IND class. Since developer's testing procedures have been found to be extensive and thorough, and developer's hardware testing tools are not generally available to allow reproduction of developer test cases in the test lab, the choice was made to perform the evaluator independent testing by witnessing of the developer's test cases, using the developer's tools, at the premises, Fudan Shanghai, of the developer. The evaluator employed a sampling strategy to select developer tests to validate the developer's test results. The sampling strategy is as follows:

- Tests on TSFI's are sampled
- Tests on Interfaces of SFR-enforcing modules are sample.
- Tests on Security Mechanisms are sampled.
- All the testing methods (Wafer/Sample/Simulation) will be sampled

In addition to this, the evaluator has defined additional test cases, prompted by study of the developer documentation. The test strategy is as shown below:

- Augmentation of developer testing for interfaces by varying parameters to more rigorously test the interface
- Supplementation of developer testing strategy, for example by applying the tests performed on engineering samples to wafer samples.

The considerations that are taken during the selection of the interfaces to be tested are:

- Observation and understanding during the performance of the work units in ATE\_COV, DPT and FUN.
- Significance of the interfaces with respect to security

These tests are also performed using the developer's tools at the premises of the developer. The evaluator witnessed the whole process of the tests.

#### 6 Evaluation Outcome

#### 6.1 Certification Result

After due consideration of the ETR [15], produced by the Evaluators, and the conduct of the evaluation, as witnessed by the Certifier, SERTIT has determined that the FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software meets the Common Criteria Part 3 conformant requirements of Evaluation Assurance Level EAL 5 + augmented with AVA\_VAN.5, ATE\_DPT.3 and ALC\_DVS.2 for the specified Common Criteria Part 2 extended functionality and Protection Profile BSI-CC-PP-0084-2014 V1.0, in the specified environment.

#### 6.2 Security Target

The complete Security Target [1][2] used for the evaluation performed is sanitised for the purpose of publishing. The Public version is Security Target Lite provided as a separate document [2]. Sanitisation was performed according to the CCRA framework – ST sanitising for publication [8].

#### 6.3 Recommendations

Prospective consumers of FM1280 V05 Dual Interface Smart Card Chip with IC Dedicated Software should understand the specific scope of the certification by reading this report in conjunction with the Security Target [1][2]. The TOE should be used in accordance with a number of environmental considerations as specified in the Security Target.

Only the evaluated TOE configuration should be installed. This is specified in Annex A with further relevant information given above under Section 4.3 "TOE Scope" and Section 5 "Evaluation Findings".

The TOE should be used in accordance with the supporting guidance documentation [16], [17], [18], [19], [20] included in the evaluated configuration.

The above "Evaluation Findings" include a number of recommendations relating to the secure receipt, installation, configuration and operation of the TOE.

## Annex A: Evaluated Configuration

#### **TOE Identification**

The TOE consists of:

| Туре         | Name   | Version | Delivery form            |  |
|--------------|--|---------|--------------------------|--|
| IC Hardware  | FM1280   | V05     | Wafer, module            |  |
| IC Dedicated | Firmware V2.751 including the following:                 |         |                          |  |
| Software     | Boot   | V1.001  | On-chip ROM              |  |
|              | FMSH_CryptoLib   | V3.104  | On-chip ROM and EEPROM   |  |
|              |  |         | Header file:             |  |
|              |  |         | FM_CryptoLib.h           |  |
|              |  |         | FM_CryptoLib_struct.h    |  |
|              |  |         | Lib file:                |  |
|              |  |         | FM_Firmware_Static.I.lib |  |
|              | Driver   | V1.000  | On-chip ROM              |  |
|              |  |         | Header file:             |  |
|              |  |         | FM_DriverLib.h           |  |
|              |  |         | FM_DriverDef.h           |  |
| Document     | FM1280 Security<br>Preparatory<br>Guidance[16]           | V1.0    | document                 |  |
|              | FM1280 Security Programming Guidance[17]                 | V3.0    | document                 |  |
|              | Application Programming Interface for FMSH_CryptoLib[18] | V0.4    | document                 |  |
|              | Application Programming Interface for Driver[19]         | V1.1    | document                 |  |
|              | FM1280 User<br>Manual[20]                                | V1.1    | document                 |  |

#### **TOE** Documentation

The supporting guidance documents evaluated were:

- [a] FM1280 Security Preparatory Guidance[16]
- [b] FM1280 Security Programming Guidance[17]
- [c] Application Programming Interface for FMSH\_CryptoLib[18]
- [d] Application Programming Interface for Driver[19]
- [e] FM1280 User Manual[20]

Further discussion of the supporting guidance material is given in Section 5.3 "Installation and Guidance Documentation".

#### **TOE** Configuration

The TOE configuration used for testing was the same used for developer tests. This is described in chapter 5.6 of this report.

The IT product identified in this certificate has been evaluated at the Norwegian evaluation facility described on this certificate using Common Methodology for IT Security Evaluation, according to the version number described on this certificate, for conformance to the Common Criteria for IT Security Evaluation according to the version number described on this certificate. This certificate applies only to the specific version and release of the product in its evaluated configuration and in conjunction with the complete Certification report. The evaluation has been conducted in accordance with the provisions of The Norwegian Certification Authority for IT Security (SERTIT) and the conclusions of the evaluation technical report are consistent with the evidence adduced. Certification does not guarantee that the IT product is free from security vulnerabilities. This certificate only reflects the view of SERTIT at the time of certification. It is furthermore the responsibility of users (both existing and prospective) to check whether any security vulnerabilities have been discovered since the date shown of this certificate. This certificate is not an endorsement of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, and no warranty of the IT product by SERTIT or by any other organization that recognizes or gives effect to this certificate, is either expressed or implied.

# Certificate

Certificate Identifier: SERTIT-109 C

Product Name: FM1280

Version and Release Numbers: V05

Type of Product: Chip

Product Manufacturer: Shanghai Fudan Microelectronics Groups Co., Ltd

Assurance Type: EAL5 augmented with AVA VAN.5, ATE DPT.2 and ALC DVS.2

BSI-CC-PP-0084-2014, Version 1.0, 13-01-2014

Evaluation Criteria: Common Criteria v3.1R4

Name of IT Security Evaluation Facility: Brightsight BV

Name of Validation Body and Certification Authority: SERTIT

Certification Report Identifier: SERTIT-109 CR, issue 1.0, 02 July 2018

Certificate Issued Date: 02 July 2018 Certificate Expiry Date: 02 July 2023

Arne Høye Rage

Certifier

Kjartan Kvassnes

Quality Assurance

Jørn Arnesen Head of SERTIT







CC Recognition Arrangement for cPPs or components up to EAL 2 and ALC FLR