



TRUST AND VERIFY

TrustCB Scheme Procedures for MIFARE

Version 2.0

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1 MIFARE Scheme

This document is an annex to TrustCB Shared Scheme Procedures version 2.0 [[TrustCB_SP](#)] detailing the pertinent details for the MIFARE scheme.

1.1 Introducing the MIFARE scheme

NXP Semiconductors has chosen TrustCB as the centralised Certification Body for the MIFARE Security Certification scheme.

The primary source of information and the TrustCB scheme procedures and documents can be found at <https://trustcb.com/global-ticketing/mifare>. Supplementary information can be found out <https://mifare.net/en/about-mifare/certification>

The procedures specific to the operation of the MIFARE scheme are detailed in [MIFARE].

1.2 MIFARE Contact details

Scheme contact address at TrustCB is mifare@trustcb.com.

1.3 MIFARE TOE-type overview

This scheme applies to a TOE implementing MIFARE functionality.

1.4 MIFARE Process

Prior to the submission phase, the developer has contracted a licensed evaluation lab and together with that lab has filled in the application form. A signed copy of the application form, together with a draft Security Target, must be sent by email to mifare@trustcb.com. TrustCB will respond with a quotation for certification for acceptance by the certification sponsor. Upon receipt of acceptance of the quotation, TrustCB will issue an invoice for the payment of the certification fee.

The evaluation phase can commence once that quotation has been accepted and the certification fee paid.

1.4.1 Evaluation Phase

As defined in [MIFARE], there are two stages to the Evaluation phase in the MIFARE scheme:

- Vulnerability analysis and test plan. This phase is detailed in [MIFARE] Chapter 3, section "Evaluation phase (vulnerability analysis and test plan)".
- Test results. This phase is detailed in [MIFARE] Chapter 3, section "Evaluation phase (test results)".

1.4.2 Certification Phase

As defined in [MIFARE], the certificate validity period for MIFARE certificates is three (3) years from the ETR issue date. This period can be extended by another 1.5 years (18 months), if required, in accordance with the rules defined in [TrustCB_SP] "Certificate validity".

1.5 MIFARE Reference Materials

The documents listed in Table 1 are specific to the MIFARE scheme operated by TrustCB.



Table 1 MIFARE Documents

MIFARE Scheme	V3.0.1	[MIFARE]
TrustCB Application Form - MIFARE	v1.7	[MIFAE-AF]