

TrustCB Scheme Procedure for FeliCa Approval for Security and Trust (FAST)

Version 1.3

Contents

1	FAST Scheme	3
1.1	Introducing the FAST scheme	3
1.2	FAST Contact details.....	3
1.3	FAST TOE-type overview	3
1.4	FAST Process	3
1.4.1	Evaluation Phase	3
1.4.2	Certification Phase	4
1.5	Certification Marks and Logos	4
1.6	Reference Materials	4

1 FAST Scheme

This document is an annex to TrustCB Shared Scheme Procedures (current version) [[TrustCB_SP](#)] detailing specific details for the FeliCa Approval for Security and Trust certification scheme.

1.1 Introducing the FAST scheme

The purpose of FeliCa Approval for Security and Trust (FAST) certification scheme is to enable developers implementing the FeliCa™ Contactless IC Card Technology to provide a high level of assurance that their product is able to protect Felica assets against state-of-the-art attacks.

TrustCB has been appointed by the FAST scheme owner as the Certification Body for the FAST certification scheme.

The primary source of information for the FAST certification scheme, including these TrustCB scheme procedures and the operational procedure for the FAST scheme [FAST] can be found at the TrustCB webpage for [FAST](#).

General information about FAST can be found at https://www.felicanetworks.co.jp/en/security_cert/

1.2 FAST Contact details

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

1.3 FAST TOE-type overview

This scheme applies to a TOE implementing FeliCa functionality as either the FeliCa Card OS, the FeliCa CryptoLib only or the FeliCa CryptoLib plus FeliCa Applet, composed on a CC or EMVCo compliant IC platform and JavaCard OS.

1.4 FAST 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 FAST@trustcb.com. Optimised Security Target Templates for FAST are available [ST_TEMPLATES].

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 [FAST]**Error! Reference source not found.**, there are two stages to the Evaluation phase in the FAST scheme:

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

1.4.2 Certification Phase

A FAST certificate will be issued as a result of a successful certification assessment.

The certificate validity period for FAST certificates is five (5) years from the ETR issue date.

In case of maintenance, the re-issued certificate will be identified through an increase in the certificate iteration identifier and the issuance date (i.e. a certificate with certificate iteration identifier '-01' will be reissued with '-02', and the date entry on the certificate will list the original certificate issuance date and the 2nd issuance date. The certificate expiry date will stay the same. The re-issued certificate will be posted on the scheme website. The original certificate will also be retained on the website.

1.5 Certification Marks and Logos

TrustCB does not issue a Certification Mark for FAST certified products.

The TrustCB issued certificate for a compliant product includes the scheme logo, owned by FeliCa Networks.

1.6 References Materials

Unless otherwise stated, the latest published version applies.

Table 1 FAST Documents

Title	Reference
TrustCB Application Form - FAST	[FAST-AF] ²
FAST ST Templates	[ST_PTPP] ² [ST_MFAPP] ²
Technical requirements and scheme methodology:³	
FeliCa Approval for Security and Trust (FAST) scheme	[FAST] ²
Public Transportation IC Card Protection Profile (developed and registered by JICSAP)	[PTPP] ²
Mobile FeliCa Applet Protection Profile (MFAPP)	[MFAPP] ²
TrustCB Shared Scheme Procedures	[TrustCB_SP] ¹

¹ <https://www.trustcb.com/about-us/policies-procedures/>

² <https://trustcb.com/global-ticketing/FAST/>

³ Baseline standard and methodology for this scheme are [Common Criteria](#) (CC) and [Common Evaluation Methodology](#) (CEM).

Note: document versions as stated in the application form, section A.1.

Annex A Revision History

Version	Date	Description of change
1.1	2022-05-20	Editorial updates
1.2	2023-07-11	Editorial updates
1.3	2024-12-08	Editorial updates