

TrustCB Scheme Procedure for JPKI Security Certification scheme for Mobile Devices (JPKI-MD)

Version 1.1

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1 JPKI-MD Scheme

This document is an annex to TrustCB Shared Scheme Procedures (current version) [[TrustCB_SP](#)] detailing specific details for the JPKI Security Certification scheme for Mobile Devices.

1.1 Introducing the JPKI-MD scheme

The purpose of JPKI Security Certification scheme for Mobile Devices (JPKI-MD) is to enable manufacturers of the eSE and the JPKI Applet for mobile phones in Japan to demonstrate that a specific Target of Evaluation (TOE) protects the assets against state-of-the-art attackers.

TrustCB has been appointed by the JPKI-MD scheme owner as the Certification Body for the JPKI-MD scheme.

The primary source of information for the JPKI-MD scheme, including these TrustCB scheme procedures and the scheme document, JPKI Security Certification scheme for Mobile Devices, [JPKI-MD] can be found at the TrustCB webpage for [JPKI-MD](#).

1.2 JPKI-MD Contact details

Scheme contact address at TrustCB is JPKI-MD@trustcb.com.

1.3 JPKI-MD TOE-type overview

This scheme applies to a TOE implementing JPKI functionality as JPKI Applet, composed on a CC or EMVCo compliant IC platform and Java Card OS.

1.4 JPKI-MD 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 JPKI-MD@trustcb.com. Optimised Security Target Templates for JPKI-MD 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 [JPKI-MD], there are three stages to the Evaluation phase in the JPKI-MD scheme:

- Pre-evaluation. This phase is detailed in [JPKI-MD] Chapter 3, section "Applet Pre-evaluation".
- Vulnerability analysis and test plan. This phase is detailed in [JPKI-MD] Chapter 3, section "Main Evaluation phase (vulnerability analysis and test plan)".
- Test results. This phase is detailed in [JPKI-MD] Chapter 3, section "Main Evaluation phase (test results)".

1.4.2 Certification Phase

A JPKI-MD certificate will be issued as a result of a successful certification assessment.

The certificate validity period for JPKI-MD 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 JPKI-MD certified products.

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

1.6 References Materials

Unless otherwise stated, the latest published version applies.

Table 1 JPKI-MD Documents

Title	Reference
TrustCB Application Form - JPKI-MD	[JPKI-MD-AF] ²
JPKI Applet - ST Template	[ST_JPKI] ²
Technical requirements and scheme methodology:³	
JPKI Security Certification scheme for Mobile Devices	[JPKI-MD] ²
JPKI Applet Protection Profile (developed and registered by Digital Agency)	[JPKI-PP] ²
TrustCB Shared Scheme Procedure	[TrustCB_SP] ¹

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

² <https://trustcb.com/common-criteria/jpki-md/>

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
1.0	2025-06-12	Initial release
1.1	2026-08-27	Updated to correct reference to scheme document and weblink in section 1.1 and 1.6