



Tap to Phone / Tap to Consumer Device Questionnaire and Implementation Conformance Statement (ICS)

This form will not be accepted unless all mandatory fields are correctly completed. Mandatory fields are marked (*). You must provide a Tap to Phone / Tap to Consumer Device Questionnaire and Implementation Conformance Statement (ICS) for each product you are submitting for testing and approval. Information provided in this questionnaire will be used to determine whether the product is acceptable and the amount of testing.

Email completed questionnaire to ApprovalServices@visa.com.

Section 1 Company Information

*1.0 Company Name

Must exactly match Approval Services Testing Agreement

*1.1 Name of Authorized Representative

*1.2 Email Address

Must be corporate email address

*1.3 Submission Date

Section 2 Product Identification

Upon submission of the questionnaire, Approval Services will provide the VTF#(s)

2.0 Visa Reference Number (VTF#) for Tap to Phone

2.1 Visa Reference Number (VTF#) for Tap to Consumer Device

*2.2 Product Name and Version

*2.3 Visa Specifications Supported

Visa Ready Tap to Phone Kernel Specification (VRTPKS)	YES	NO
Visa Tap to Consumer Device Specification (VTTCD)	YES	NO

Section 3 Product Components Information

Section 3A Device Information

*3.0 Device Model Name and Version

*3.1 Device Type

Specify device model, name and version if 'Other' is selected

*3.2 Operating System Name

*3.3 Operating System Version

Section 3B Single Module Kernel Information

Complete 3.4 to 3.6 for a single module kernel application. This section is applicable for Tap to Phone Kernel only, Tap to Consumer Device Kernel only or a combined Tap to Phone and Tap to Consumer Device Kernel with a single checksum.

3.4 Single Module Kernel Application Name

3.5 Single Module Kernel Application Version

3.6 Single Module Kernel Application Checksum
(or Application Digital Signature)

Section 3C Separate Modules Kernel Information

Complete 3.7 to 3.12 for a separate module kernel application where the Tap to Phone Kernel and Tap to Consumer Device Kernel are separate and each module has its own checksum.

3.7 Tap to Phone Kernel Application Name

3.8 Tap to Phone Kernel Application Version

3.9 Tap to Phone Kernel Application Checksum
(or Application Digital Signature)

3.10 Tap to Consumer Device Kernel Application Name

3.11 Tap to Consumer Device Kernel Application Version

3.12 Tap to Consumer Device Kernel Application Checksum
(or Application Digital Signature)

3.13 Is this a Distributed Kernel Solution? YES NO

A "distributed kernel solution" is a solution where the Visa kernel application or any of its supported VRTPKS, VTTCD or VCPS functions, are split or distributed across several components. For example, the kernel application resides on a device and in a remote location like a cloud server or physical server. In this instance, the Visa kernel applications on all the components are included in the scope of testing.

Section 3D must be completed for a distributed kernel solution. If you have questions on how to submit additional components for your distributed kernel solution in this form, please contact Approval Services.

Section 3D Kernel Server Component Information

3.14 Kernel Server Application Name

3.15 Kernel Server Application Version

3.16 Kernel Server Application Checksum
(or Application Digital Signature)

3.17 Server Component Name / Model

3.18 Server Component Operating System Name

3.19 Server Component Operating System Version

Section 4 Evaluated Specifications

4.0 Visa Ready Tap to Phone Kernel Specification Version (VRTPKS)

4.1 Visa Tap to Consumer Device Kernel Specification Version (VTTCD)

Section 5 Additional Information

Describe other relevant product information that are not captured in the previous sections.

If Approved, do you want this product to be publicly listed? YES NO

Functional Test Laboratory

Identify which lab will be performing the testing.

Tap to Phone

Tap to Consumer Device



Implementation Conformance Statement for Tap to Phone / Tap to Consumer Device

Section 1 - Tap to Phone Options

Check the box next to the question if the Tap to Phone Kernel supports the functionality identified in the question.

- 1.0 Is DF Name (tag 84) in SELECT PPSE response considered as Mandatory Data Element?
- 1.1 Is DF Name (tag 84) in SELECT ADF response considered as Mandatory Data Element?
- 1.2 Online PIN is supported?
- 1.3 CVM Required Limit Check is supported?
CVM Required Limit Check shall be supported for Tap to Phone devices
- 1.4 Refund is supported?
- 1.5 The device supports Online only?
Must be checked for Tap to Phone device. The device shall not be Offline capable

Section 2 Other Tap to Phone Options

The following functionalities are not required to be supported by a Tap to Phone Kernel. The Vendor may choose to implement any of these functionalities at their own discretion.

- 2.0 Manual Cash is supported?
 - 2.0.1 Independent Reader Risk Parameters used for Manual Cash?
If item 2.0.1 is checked, 2.0 must be checked.
- 2.1 Cashback is supported?
 - 2.1.1 Independent Reader Risk Parameters used for Cashback?
If item 2.1.1 is checked, 2.1 must be checked.

Section 3 - Transit Options

Check the box next to the question if the Tap to Phone Kernel supports the functionality identified in the question.

- 3.0 Is transit feature supported?
- 3.1 Is Key Revocation supported?
- 3.2 Additional IDs in Point of Interaction (POI) information supported?
- 3.3 Additional IDs in Point of Interaction (POI) information returned in the command per DOL supported?
If item 3.3 is checked, 3.0 and 3.2 must be checked.

Section 4 General Reader Options

Check the box next to the question if the Tap to Phone Kernel supports the functionality identified in the question.

4.0 The device supports a display?

This option shall be checked if the device is capable of providing cardholder messages/Amount Authorized to a Software Development Kit (SDK), or other means (Applies to 4.0.1).

4.0.1 The Amount Authorized is displayed when prompting for card presentation?

4.1 The device supports printer or printing?

This option shall be checked if the device is capable of providing receipt data (minimally AID name) to a SDK, or other means (Applies to 4.1.1 and 4.1.2).

4.1.1 Printing of a receipt for declined transactions supported?

4.1.2 Printing of a receipt for approved transactions supported?

If item 4.1 is checked, 4.1.1 or/and 4.1.2 must be checked.

4.2 The device recognizes dates ending 50 to 99 as 2050 to 2099?

Section 5 Tap to Consumer Device Options

Check the box next to the question if the Tap to Consumer Device Kernel supports the functionality identified in the question.

5.0 Is DF Name (tag 84) in SELECT PPSE response considered as Mandatory Data Element?

5.1 Is Application Selection processing supported by the TTCD Kernel?

If 5.1 is supported, 5.2 must be supported

5.2 Does the kernel support output of selected Dedicated File (DF) Name (AID) (Tag 84)?

5.3 Does the kernel support output of Form Factor Indicator (tag 9F6E) when returned by the Card?

I confirm that the product details stated in the Questionnaire and ICS forms are accurate and that all ICS options supported by the Visa Kernel ("kernel") in the product have been identified.



Terms and Conditions

I am authorized to act on behalf of and legally bind the entity indicated in the Company Name field (" the Company") for whom I am submitting this form.

The Company and Visa are party to a Visa Approval Services Testing Agreement ("ASTA") and such ASTA is currently in effect. This submission is made pursuant to the ASTA and the Testing Requirements in effect as of the date of this submission.

To the extent that no ASTA is currently in effect, I acknowledge and agree on behalf of the Company that all information included in this form is disclosed to Visa and/or its employees, officers, directors, agents, representatives and/or separately incorporated regions or subsidiaries ("Visa Representatives") on a NON-CONFIDENTIAL BASIS and that Visa and the Visa Representatives shall have no obligation, express or implied, to maintain the secrecy, confidentiality or non-public nature of any such information.

Notwithstanding any provision of any agreement or other obligation to which the laboratories chosen in this form for testing of this product ("Test House") may be subject, the Company hereby consents to:

- i. The disclosure by the Test House to Visa of a copy of pertinent documents pertaining to testing (i.e. technical specifications, required submission forms, etc.) and test reports, generated following functional and risk testing of the Company's product.
- ii. The presence of a representative of Visa, whose name will be provided to the Test House, during testing of the Company's product.
- iii. The confirmation or denial by the Test House of the content and accuracy of any test report submitted to Visa for product approval.
- iv. The disclosure by the Test House to Visa of scheduling information regarding test dates with the laboratory and timeframes of completion of testing.
- v. Granting Visa and its designees permission to test, copy, reverse engineer, by-pass intellectual property protection mechanisms, or perform any other action or process that Visa deems necessary in its sole discretion in order to determine if approval will be granted.
- vi. If any problems occur during functional or security testing that would not allow the chip product to successfully complete testing, I understand that:
 1. All official testing will stop.
 2. My company is responsible for all costs incurred with the Test House.
 3. The problem found in testing must be corrected if the product is going to be resubmitted for testing.

I acknowledge and accept the terms and conditions specified above.



Instructions for Tap to Phone Questionnaire/ Tap to Consumer Device and Implementation Conformance Statement (ICS)

Tap to Phone / Tap to Consumer Device Questionnaire

Section 2 Product Identification

Q2.0 Visa Reference Number (VTF#)

Upon submission of the questionnaire, Approval Services will provide a Visa Reference Number.

Section 3 Product Components Information

Kernel Application Checksum

A Kernel Checksum or Application Digital Signature is mandatory. The Checksum or Signature should only consist of the Kernel and its API libraries, and should not include other applications (e.g. mobile acceptance client application, merchant payment application etc). The submitted test sample(s) should include a mechanism to easily retrieve and display the Checksum or Signature value.

Implementation Conformance Statement(ICS)

When completing the Implementation Conformance Statement (ICS) for Tap to Phone / Tap to Consumer Device, please adhere to the following guidelines:

1. Your implementation must always comply with a non-sunset Visa Tap to Phone and/or Tap to Consumer Device kernel specification(s) .
2. You must select ICS options that represent the features that were developed in the submitted product.
3. You are responsible to ensure that you accurately submit test samples with the same features/ configuration as indicated in the ICS options.
4. Products should always be developed to the specification and not the test plans.
5. Approval Services has the right to reject any ICS changes while in testing and require a new test cycle.
6. Section 1 contains VCPS options for Tap to Phone solutions that the vendor may choose to implement at its discretion, except for options 1.3 and 1.5. These are checked as supported by default.
7. Section 2 contains VCPS options that the vendor may choose to implement at its discretion for Tap to Phone solutions.
8. Section 5 contains VCPS options for Tap to Consumer Device solutions that the vendor may choose to implement at its discretion.