

Mastercard Formal Approval Services

Service Request

for

Card Personalization Validation

Card Personalization Validation (CPV) Service Description

CPV is Mastercard's formal approval process to ensure that every technical chip card product offers a sufficient level of service, acceptance, interoperability, performance, and security to cardholders and acceptance locations. CPV verifies the chip card approval status from the functional, security, and quality perspectives and ensures that the card product is compliant with the chip-related Mastercard payment product requirements and best practices.

CTC advanced as accredited Mastercard Service Provider offers the full range of CPV services (except EMVCo Common Payment Application (CPA) based products) as described in the 'Card Personalization Validation Guide' published on Mastercard Connect™.

This includes:

- XML image validation and sample validation according to the "Sample Submission" process
- "Change Notification Submission" process for personalization changes

The CTC advanced portfolio covers the whole range of M/Chip technologies including M/Chip 4, PayPass M/Chip 4, PayPass Mag Stripe, M/Chip Advance, US Maestro and mobile products (Mobile PayPass M/Chip 4, M/Chip Mobile, MCBP).

Notes:

- *HCE and DSRP are not covered in the CPV process*
- *CNS for MCBP must be reviewed by Mastercard*
- *CPV for biometric cards is handled through Mastercard*

1. Order Form

CTC advanced GmbH
Untertuerkheimer Strasse 6-10
66117 Saarbruecken
Germany

Mail: cpv@ctcadvanced.com
Phone: +49 681 598 0
Fax: +49 681 598 8175

To place an order, please fill the below tables and return this request to the above contact address!

CUSTOMER

Company

Address

ZIP Code / City

Country

Contact person

Email

Phone

Fax

VAT-ID-No.*

Mastercard Billing ICA

- (*) According to the European law, invoices issued after 2010-01-01 must contain both, the supplier VAT-ID-Number and the recipient VAT-ID Number.

2. Order

T1-T6	Sample Validation	Unit	Price	Quantity	Total
T1	Project Setup				
T1.1	Sample validation project setup fee	Per validation	570 €		
T2	M/Chip 4 or PayPass M/Chip 4 – Non-Standard Profile ⁽¹⁾				
T2.1	Sample validation - 1 st iteration	Per profile ⁽¹⁾	1480 €		
T2.2	Additional card image validation	Per iteration ⁽²⁾	990 €		
T2.3	Additional iteration	Per iteration ⁽²⁾	990 €		
T3	M/Chip 4 or PayPass M/Chip 4 – Standard Profile ⁽¹⁾				
T3.1	Sample validation - 1 st iteration	Per profile ⁽¹⁾	990 €		
T3.2	Additional card image validation	Per iteration ⁽²⁾	790 €		
T3.3	Additional iteration	Per iteration ⁽²⁾	790 €		
T4	M/Chip Advance (with or without Data Storage)				
T4.1	Sample validation - 1 st iteration	Per profile ⁽¹⁾	990 €		
T4.2	Additional image validation	Per iteration ⁽²⁾	790 €		
T4.3	Additional iteration	Per iteration ⁽²⁾	790 €		
T5	Mobile PayPass M/Chip 4 or Mastercard M/Chip Mobile				
T5.1	Sample Validation - 1 st iteration	Per profile ⁽³⁾	1480 €		
T5.2	Additional image validation	Per iteration ⁽²⁾	770 €		
T5.3	Additional iteration	Per iteration ⁽²⁾	770 €		
T6	Mastercard Cloud Based Payment				
T6.1	Image Validation - 1 st iteration	Per profile ⁽⁴⁾	990 €		
T6.2	Additional iteration	Per iteration ⁽²⁾	770 €		
T7	Change Notification Submission	Unit	Price	Quantity	Total
T7.1	CNS assessment	Per validation	470 €		
T8	Complementary Services	Unit	Price	Quantity	Total
T8.1	High priority service	Per iteration ⁽²⁾	50 % extra charge		
T8.2	CPV consulting	Hourly rate	195 €		

⁽¹⁾ For card products, a profile is one Mastercard application on one particular interface. As an example: a dual-interface card with a Mastercard Credit application and CAP requires validation of 3 profiles – MC Credit on contact, MC Credit on contactless and CAP on contact.

⁽²⁾ An iteration is a review-cycle that typically starts with the reception of a CPV Service Form / Profile File and ends with the submission of a positive CPV report (signed by Mastercard). If at least one CPV report is issued with a negative result, more iterations are required until the CPV process is completed successfully.

⁽³⁾ The mobile validation profile includes management mode and payment mode for 1 mobile application

⁽⁴⁾ The MCBP validation profile includes the validation of M/Chip & Magstripe image and the corresponding cryptogram validation

Prices do not include the legal VAT (Value Added Tax).

These services shall be provided according to clauses 1 through 6 of this service request document on basis of the General Terms and Conditions of CTC advanced GmbH.

SIGNATURE

Name of customer representative _____

Place, Date _____

Signature _____

MISCELLANEOUS

We agree that our company name can be used for marketing purposes by CTC advanced GmbH. No product information or results will be published.

Yes, contact person: _____ **No**

3. Service Realization

After placing your order, the responsible CTC advanced GmbH service coordinator will contact you and agree on a service date. To place an order, please complete the enclosed form (sections 1 and 2) and return it

- either to the fax number +49 (0) 681 598 8175
- or to the email address cpv@CTCadvanced.com.

Upon receiving your service request CTC advanced will send you an order confirmation containing the name of your project manager and the CTC advanced project number of your request. The service contract between our companies only gets valid by confirming the order through CTC advanced.

To guarantee service completion in due time we need to receive the correct and complete input files and documents. If we do not have them available in time, we cannot start the analysis.

4. Service Requirements

To offer a fast and cost-effective service, customers shall provide the following input to our labs:

For cards and mobile samples submission:

- Depending on the product (note 1, 2):
 - CPV Service Form and '.profile' file
 - Mobile PayPass Personalization Template, depending on the product
- Optionally, if card image validation is desired, XML image(s) of your card samples or devices
- For Mobile PayPass products: additional XML files created with CIET for payment and management mode (note 1).
- Minimum 1 physical card sample (ID1 card, UICC, etc.) or device (e.g. mobile with eSE). If card image validation is desired, physical devices may be delivered in a second step.

For MCBP image validation:

- CPV MCBP Information Form (note 1)
- XML image for contactless M/Chip and an XML image for contactless magnetic stripe (if supported)

For Change Notification Submission:

- CPV Change Notification Form (note 1)
- Letter of Equivalence, if appropriate (change to chip card)

Notes:

- 1: Please assure to always use and provide the latest templates published on Mastercard Connect™.
- 2: MCA Profile Generator or Mobile PayPass Personalization Template must be pre-agreed with Mastercard.

5. Additional Information

Following services are free of charge and included in our services:

- Appointed service coordinator (you have one contact person who will handle the entire communication within this service).
- Immediate information about problems or nonconformities which are observed during the service
- Contact person during our business hours (7:00 am to 05:00 pm Central European Time)
- Extended business hours on request

Besides our general terms and conditions, the following applies to this service request:

- In case we state fixed prices for each item of our services, these prices are based on necessary periods in our laboratory which are proven to be sufficient by experience. Further service will be charged on an hourly basis and will be rendered only after mutual agreement with you.
- If a service must be aborted because of a badly prepared or faulty documentation, we charge the actually used resources according to our hourly rates, at least 2 hours (minimum loss/reallocation cost).
- Special cost for additional consulting or services according to your agreement will be charged on hourly basis.

Miscellaneous

- Depending on the order volume and the project duration we reserve the right to issue partial invoices charging already executed services.
- **For EU:**
According to the European law and the national implementation in Germany, invoices issued after 2010-01-01 must contain both the VAT-ID-No. of the supplier and of the recipient. Otherwise we are obliged to charge German Value Added Tax (19 %) in addition. A submitted invoice cannot be changed. The agreement is valid without a limit of time. Please inform us about your VAT-ID.
If the VAT-ID has already been submitted we assume that the number is still correct and valid and may also be used for new projects if you do not disagree in writing.
- **For Non-EU:**
Due to international tax rules since 2010-01-01 we would like to inform you that we need an update of your national tax registration. Please send us either an original confirmation from your national tax authority with a confirmation of your tax registration or your business registration or an excerpt from your commercial register or a proof of registration as a VAT taxable person. Otherwise we have to charge additional 19% (VAT).

6. Service Levels

Mastercard imposes service levels on their service providers to achieve a high quality CPV service with minimum delay for customer projects. These are in detail:

Process	Service Level		
	Standard Profile	Non-Standard Profile	High-Priority Service
CPV Process Initiation	< 2 days	2 days	1 day
Card Image Validation	< 5 days	5 days	4 days
Card Sample Validation when card image validation was done before	< 2 days	2 days	1 day
Card Sample Validation when no card image validation was done before	< 7 days	7 days	5 days
CNS validation	< 2 days	2 days	1 day

CTC advanced reserves the right to change service levels in unforeseeable cases. At the occurrence of any case needing CTC advanced to consult Mastercard the time calculation will be ceased and restarted upon the respective clarification.

7. General Terms and Conditions

The current version of our General Terms and Conditions is available at

<http://www.CTCadvanced.com/en/CTCadvanced-group/europe/terms-and-conditions.html>.