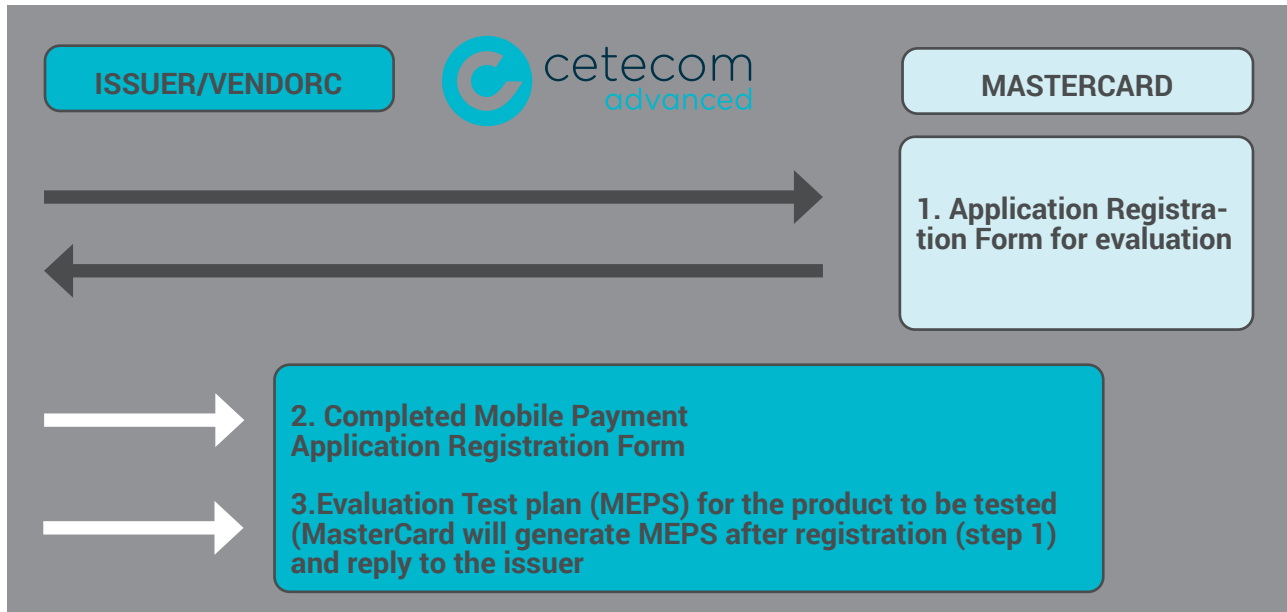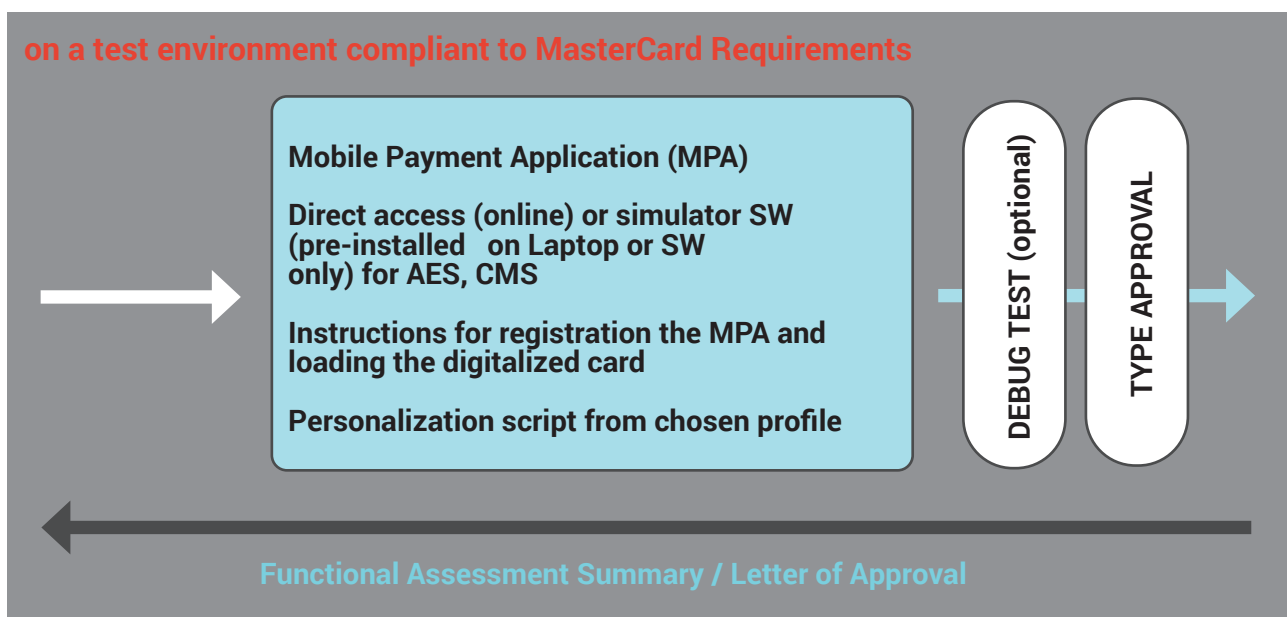## MASTERCARD CLOUD BASED PAYMENT MPA (FOR ISSUER / VENDOR)
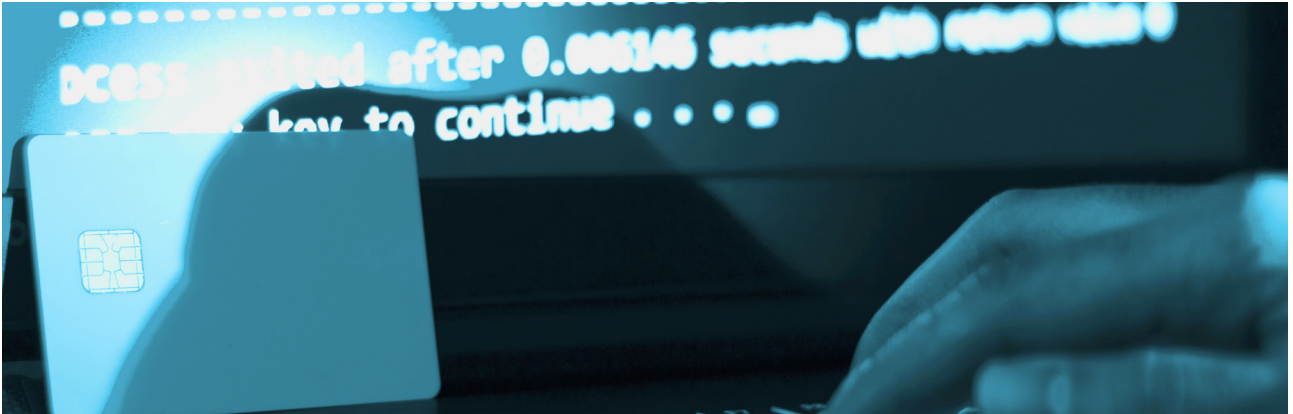
cetecom advanced supports certification of Mobile Payment Application (MPA) with functional tests on real phones. To achieve a successful MPA certification with cetecom advanced, resulting in a final Functional Assessment Summary / Letter of Approval, issuers have to supply to cetecom advanced and MasterCard for TEST PREPARATION and TEST REALIZATION the following ITEMS:

(I)Test Preparation

ISSUER/VENDORC	cetecom advanced	MASTERCARD
→		**1. Application Registration Form for evaluation**
←		
→	**2. Completed Mobile Payment Application Registration Form**	
→	**3.Evaluation Test plan (MEPS) for the product to be tested (MasterCard will generate MEPS after registration (step 1) and reply to the issuer**	

(II)Test Realization

on a test environment compliant to MasterCard Requirements

Mobile Payment Application (MPA)

Direct access (online) or simulator SW (pre-installed on Laptop or SW only) for AES, CMS

Instructions for registration the MPA and loading the digitalized card

Personalization script from chosen profile

DEBUG TEST (optional)

TYPE APPROVAL

Functional Assessment Summary / Letter of Approval

Mastercard Cloud Based Payment MPA

Available and offered MPA Pre-Test (Debug) and Type Approval Services from
cetecom advanced

DEBUG TEST SESSION (OPTIONAL)

Debug test session based on daily rate. We recommend to start a 1st debug run with rather full TA test scope for functional, performance and handset compatibility testing.*

Mastercard Cloud based Payment Application (MPA):

• Mastercard Mobile Payment Application (MPA) type approval test (MCBP): Project Setup and Initialization/ setup of test environment*

• Mastercard Mobile Payment Application (MPA) type approval test (MCBP): Performance Test

• Mastercard Mobile Payment Application (MPA) type approval test (MCBP): Functional Test (SDK)

• Mastercard MPA Version 2.0 available

Optional (depending on MEPS):

• Mastercard Mobile Payment Application (MPA) type approval test (MCBP): Functional Test (SDK), Handset compatibility test

* debug might take several days, cetecom advanced will charge only effective workload

REQUIREMENTS FOR MASTERCARD CBP MPA TESTING

(Cloud based payment mobile payment application)

For a test session MC CBP MPA to be realized we do need as follows:

• final vendor/customer MPA (in general as.apk)

• final MEPS and final validated Mastercard MPA Registration Form with appropriate data

• clear instructions how to select your implementation versions
(implementation: MCBP 1.0/2.0, MCBP 1.0/2.0 + Card Like User and MCBP 1.0/2.0+ Flexible CDCVM)

• clear instructions how to select the expected profiles

• an account for user MPA registration

• an account to access CMS if possible

• detailed instructions in English language for any other purposes related to the implementation

cetecom advanced GmbH

Untertuerkheimer Straße 6–10 | 66117 Saarbruecken | Germany | T +49 681 598-0 | mail@cetecomadvanced.com | cetecomadvanced.com