

# MasterCard Contactless – Device Approval Application Note #2

This document contains an application note concerning prerequisites for Mobile MasterCard *PayPass* Secure Element approval.

These prerequisites apply to the following implementations of *PayPass* on mobile devices:

- Single Wire Protocol (SWP) UICC
- Embedded Secure Element.

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# Prerequisites for Secure Element Approval

## Background

While the focus of MasterCard Mobile Secure Element certification has been the testing of the MMPP applet, for an interoperable contactless mobile payment solution to be deployed successfully in the market it is increasingly dependent on the correct implementation of specifications managed by GlobalPlatform, EMVCo and ETSI.

This Application Note defines new prerequisites for Secure Element Approval.

## Prerequisites

### GlobalPlatform

For products designed to support GlobalPlatform specifications MasterCard requires Secure Elements to have a Letter of Qualification (LoQ) issued by GlobalPlatform prior to the issuance of the MasterCard LoA/CCS. For the form factors listed below the LoQ must include the following GP Configurations :

Form factor	Required GP Configurations
SWP UICC	<ol style="list-style-type: none"><li>1. UICC v1.0.1 or later</li><li>2. UICC Contactless Extension v1.0 or later</li><li>3. SWP and HCI Test suite</li></ol>
Embedded SE	<ol style="list-style-type: none"><li>1. a) Mapping Guidelines of Existing GlobalPlatform Card Specification v2.1.1 Implementations Version 1.0.1 or later , or b) UICC v1.0.1 or later, or c) Secure Element Configuration- Version 1.0 or later</li><li>2. SWP and HCI Test suite (for platforms supporting SWP)</li></ol>

### EMVCo Contactless Mobile Payment (CMP) Product Type Approval

For products using an independent PPSE:

- MasterCard requires that the PPSE used during certification testing has completed the EMVCo CMP PPSE Type Approval process and receives a Letter of Compliance prior to the issuance of any LoA/CCS.
- MasterCard requires that the PPSE used during CPV testing has completed the EMVCo CMP PPSE Type Approval process and received a Letter of Compliance prior to the approval of any CPV.

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# Application

## Effective Date:

Products which undergo performance testing after July 1st 2014 must meet the above prerequisites.

## Existing Approvals:

The introduction of these new prerequisites does not affect products already approved.

## Derivatives and Renewals:

Product recognized by MasterCard as derivatives and renewals of previously approved products (tested prior to July 1st 2014) do not need to meet the above prerequisites.

## Product classification:

For products that support these additional prerequisites MasterCard will include GP/EMVCo. references in the LoA/CCS and the Approved Product List.

For further questions, please email "[mobilepartner@mastercard.com](mailto:mobilepartner@mastercard.com)".