

Mastercard Terminal Integration Process

M-TIP Letter of Approval



Approval

Approval Identification	
M-TIP LoA Number	LMC_ULT_1610_025
M-TIP Tracking Number	MTIP_151222-145322443
M-TIP Scope	<input checked="" type="checkbox"/> Contact interface <input type="checkbox"/> Contactless interface
Acquirer	
Name & Address	TSYS One TSYS Way Columbus United States
Deployment	
List of Countries	United States

Terminal Configuration

Terminal Configuration	
Terminal Type	Attended POS - Chip, magstripe and PIN MPOS
Configuration as per	MTIP_151222-145322443_161014-163918.tsez
Special program(s)	None
Contact Interface	
EMV Kernel	M000-EMVL2K-V3-0 Version 3-0
EMVCo Level 2	2-02811-1-2C-TUU-0314-4.3.c
Payment Application Software	CHARGE Anywhere Mobile Application
Products	MasterCard

Terminal(s)

Tested with	Terminal	Card Reader
Terminal Reference	Miura Shuttle M006	-
Vendor Name	Miura Systems Ltd	-
Vendor Country	United Kingdom	-
TQM References*	IFM: TQM0100/01	PCD: -
Contact EMVCo Level 1	12508 0211 400 21 FIM	
PCI PTS Approval Number	4-30084	

* IFM: InterFace Module / PCD: Proxy Coupling Device

M-TIP References

Testing References	
Test Plan Version	M-TIP 2.0 (Contact & Contactless) - 0 - 225
Specification Reference	M/Chip Requirements for Contact and Contactless- 29 September 2015

M-TIP Testing Assessment

By assessing the Test Report, Mastercard has found reasonable evidence that the chip acquirer system and terminal configuration, referenced as "Product", sufficiently complies with the Specification References to be deployed by the above mentioned Acquirer, according to the below listed terms, under the assumption that, as applicable, Acquirer, Retailer, Member Service Provider, Contactless Product Vendor and Terminal vendor are Mastercard registered entities.

Any change to the Product must be notified to Mastercard. Upon Mastercard request, the Acquirer shall (i) provide information related to changes to the Product and (ii) run the latest Field Interoperability tests and/or additional Mastercard specified tests. Failing to comply with such notification or request(s) may result in this Letter of Approval to be terminated by Mastercard.

Specific Terms	
Waiver(s)/Variance(s)	None
Warning(s)	None
Restriction(s)	As per the current MasterCard security policy related to PCI PIN Entry Device (PED) Approval, devices of this model may be used in new deployments until 30 April 2020 and must be withdrawn from the field before the retirement (sunset) date to be announced in a bulletin by MasterCard.

In no circumstances does this Letter of Approval constitute any representation or warranty express or implied regarding the functionality, quality or performance of the Product or of any other product or service provided by the Acquirer, including, without limitation, any implied warranties of merchantability, fitness for purpose, or non-infringement, all of which are expressly disclaimed by Mastercard. In no event shall Mastercard be liable for any special, collateral, incidental or consequential damages or loss of business or profits in relation to this Letter of Approval. All rights and remedies regarding Acquirer's products and services for which Mastercard has granted this Letter of Approval are the responsibility of the party supplying such products or services and not Mastercard.

Mastercard Representative Signature

Name, Signature & Date