



Mastercard Terminal Integration Process (M-TIP) Letter of Approval

Approval

Approval Identification	
M-TIP LoA Number	LMD_FDU_1705_011
M-TIP Tracking Number	MTIP_170103-201400249
M-TIP Scope	<input checked="" type="checkbox"/> Contact interface <input checked="" type="checkbox"/> Contactless interface
Approval Authority	First Data
Acquirer	
Name & Address	First Data 1307 Walt Whitman Road Melville, NY, 11747 United States
Deployment	
List of Countries	United States

Terminal Configuration

Terminal Configuration		
Terminal Type	Attended POS	
Configuration as per	MTIP_170103-201400249_170519-022642.tsez	
Special program(s)	None	
Contact Interface		
EMV Kernel	EMVDC Version 4.67	
EMVCo Level 2	2-02779-1-1C-UTS-0314-4.3.c	
Payment Application Software	Cloud9 Payment Gateway V1.x	
Products	Mastercard, Maestro, US Maestro AID	
Contactless Interface		
Contactless Product Type	Fully Integrated Terminal	
Contactless Product LoA	TLOA-INGE151001-151109(a)	
Specifications	PayPass 3.0.2	
Products & Terminal CVM Required Limit Configuration	<i>Transactions with other CVM than On Device Cardholder Verification permitted above CVM Required Limit</i>	<i>Transactions with On Device Cardholder Verification permitted above CVM Required Limit</i>
Mastercard	Y	Y
Maestro	Y	Y
US Maestro AID	Y	N

Terminal(s)

Tested with	Terminal	Card Reader
Terminal Reference	Ingenico iPP320	
Vendor Name	Ingenico	
Vendor Country	France	
TQM References*	IFM: TQM0019/09	PCD: 215 079
Contact EMVCo Level 1	12348 0210 400 20 FIM	
PCI PTS Approval Number	4-20184	

* 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 M-TIP Test Report, First Data has found reasonable evidence that the chip terminal configuration, referenced as "Product", has been tested against the Specification References to be deployed in the above mentioned Countries of Deployment, according to the below listed terms, under the assumption that the terminal will be connected to an infrastructure compliant with the above mentioned protocol and that the Terminal vendor is a Mastercard registered entity.

Any change to the Product must be notified to First Data. Upon First Data request, the Terminal vendor 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 First Data.

Specific Terms	
Waiver(s)/Variance(s)	FDC-MC61.7-05112017: Valid until 31 August 2017 FDC-UL-48.23-01262017 MCW_2016: Valid until 19 August 2017
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 installations until 30 April 2020 and must be withdrawn from the field before the 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 First Data has granted this Letter of Approval are the responsibility of the party supplying such products or services and not Mastercard Incorporated or its subsidiaries and affiliates.

Approval Authority Representative Signature

Name, Signature & Date

Lisa Rue

Digitally signed by Lisa Rue

Director, Client Certification

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