

Mastercard Terminal Integration Process

M-TIP Letter of Approval



Approval

Approval Identification	
M-TIP LoA Number	00157755_LMD_TSY_2303_001
M-TIP Tracking Number	EMVCoL3_04_20220913T143655525Z
M-TIP Scope	<input checked="" type="checkbox"/> Contact interface <input checked="" type="checkbox"/> Contactless interface
Approval Authority	TSYS Acquiring Solutions LLC
Acquirer	
Name & Address	TSYS Acquiring Solutions LLC 8320 S. Hardy Dr. Tempe, AZ 85284-2007 United States
Deployment	
List of Countries	United States

Terminal Configuration

Terminal Configuration													
Terminal Type	Attended POS												
Configuration as per	EMVCoL3_04_20220913T143655525Z												
Special program(s)	- M/Chip Fast												
EMV Kernel	T3.EMV.Contact Version 09.06												
EMVCo Level 2	2-04855-1-1C-FIME-0821-4.3j												
Payment Application Software	Cloud9 Payment Gateway – EMV v2.1												
Products	Mastercard / Maestro / U.S. Maestro												
Contactless Interface													
Contactless Product Type	Fully Integrated Terminal												
Contactless Product LoA	TLOA-INGE210508-210520(a)												
Specifications	3.1.4												
Products & Terminal CVM Required Limit Configuration	<table border="1"> <thead> <tr> <th></th> <th><i>Transactions with other CVM than CDCVM* permitted above CVM Required Limit</i></th> <th><i>Transactions with CDCVM* permitted above CVM Required Limit</i></th> </tr> </thead> <tbody> <tr> <td>Mastercard</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>Maestro</td> <td>Yes</td> <td>Yes</td> </tr> <tr> <td>US Maestro AID</td> <td>Yes</td> <td>N/A</td> </tr> </tbody> </table>		<i>Transactions with other CVM than CDCVM* permitted above CVM Required Limit</i>	<i>Transactions with CDCVM* permitted above CVM Required Limit</i>	Mastercard	Yes	Yes	Maestro	Yes	Yes	US Maestro AID	Yes	N/A
	<i>Transactions with other CVM than CDCVM* permitted above CVM Required Limit</i>	<i>Transactions with CDCVM* permitted above CVM Required Limit</i>											
Mastercard	Yes	Yes											
Maestro	Yes	Yes											
US Maestro AID	Yes	N/A											

* CDCVM: Consumer Device Cardholder Verification Method

Terminal(s)

Tested with	Terminal	Card Reader
Terminal Reference	Ingenico Link 2500	N/A
Vendor Name	Ingenico	N/A
Vendor Country	United States	N/A
TQM References*	IFM: TQM0720/01	PCD: TQM1667/01
Contact EMVCo Level 1	15321 1016 430 43a 43a BCTC	

PCI PTS Approval Number	4-30326
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* IFM: InterFace Module / PCD: Proxy Coupling Device

M-TIP References

Testing References	
Test Plan Version	280
Specification Reference	M/Chip Requirements - For Contact and Contactless - October 2018

M-TIP Testing Assessment

By assessing the M-TIP Test Report, Global Payments 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 Global Payments. Upon Global Payments 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 Global Payments.

Specific Terms	
Waiver(s)/Variance(s)	Thirteen False Negatives. These are CertifyNow issues.
Warning(s)	None
Restriction(s)	None

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 Global Payments 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		
Ben Bruno	<i>Ben Bruno</i>	03/08/2023