



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

Approval

Approval Identification

| | |
|-----------------------|---|
| M-TIP LoA Number | LMD_FDU_1703_004 |
| M-TIP Tracking Number | MTIP_170123-084753145 |
| 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 |
|-------------------|---------------|

Acquiring Environment

Member Service Provider

| | |
|----------------|-----------------|
| Name & Country | Charge Anywhere |
| | United States |

Terminal Configuration

Terminal Configuration

| | |
|----------------------|--|
| Terminal Type | Attended POS - Chip - Magstripe and PIN MPOS |
| Configuration as per | MTIP_170123-084753145_170306-125721.tsez |
| Special program(s) | None |

Contact Interface

| | |
|------------------------------|---------------------------------------|
| EMV Kernel | M000-EMVL2K-V3-2 Version 3-2 |
| EMVCo Level 2 | 2-03419-1-2C-UTS-0216-4.3.d |
| Payment Application Software | QuikSale Payment Application v2.1.0.x |
| Products | Mastercard, Maestro, US Maestro AID |

Contactless Interface

| | |
|--------------------------|---------------------------|
| Contactless Product Type | Fully Integrated Terminal |
| Contactless Product LoA | TLOA-MIUR140802-141112(a) |
| Specifications | PayPass 3.0.2 |

Products & Terminal CVM Required Limit Configuration

*Transactions with other CVM than On
Device Cardholder Verification permitted*

*Transactions with On Device Cardholder
Verification permitted above
CVM Required Limit*

| | | |
|------------|-------------------------------------|---|
| | <i>above CVM Required Limit</i> | |
| Mastercard | Y | Y |
| Maestro | Y | Y |

Terminal(s)

| Tested with | Terminal | Card Reader |
|-------------------------|-----------------------|-----------------|
| Terminal Reference | Miura M010 | |
| Vendor Name | Miura Systems Ltd | |
| Vendor Country | United Kingdom | |
| TQM References* | IFM: TQM0100/01 | PCD: TQM0418/02 |
| 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 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-MC-12132016: Valid until 30 April 2017 FDC-MC-03032017: Valid until 30 June 2017 FDC-MC-03142017: Valid until 30 June 2017 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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