MasterCard
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Purchase, NY 10577
USA

Bitel Co. LTD
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06099 Korea

September 8, 2016

MasterCard Contactless Reader Vendor Product – Letter of Approval

Approval Identifier: TLOA-BITE160601-160908(a), Expires on August 30, 2019
Product Vendor: Bitel Co. LTD
Product Type: Fully Integrated Terminal

Product Identification	Terminal
Product Commercial Name	IC5100 Version 1V0
Product Technical Name	IC5100 Version 1V0
Application Selection Module	app_ApplicationSelection Version B1606001
MasterCard Contactless Kernel	btpaypass Version btcl2pp0b1510032
MasterCard Contactless Application	EMVL2_main Version 1.0
Operating System	Customer(BTOS) Version 2v3
Product Registration Number	FIT-BITE-160601

EMVCo LoA – Terminal Level 1: 10470 0915 231 231b 231a FIMK
Test Assessment Level 2:   TTAS-BITE160601-CEM-1608-T025
PIN Entry Device: Yes

Implementation Options (*):	Supported?
EMV transaction flow	Yes
Data Exchange	No

(*) *Please contact the product vendor to obtain the full description of all the technical features*

Under the terms of the MasterCard Contactless Specification License Agreement dated March 1, 2016, this letter permits you to advise your customers that the above product has successfully completed the requirements for a vendor product approval by MasterCard as a **MasterCard Contactless Reader v3.0.3**.

Please see page 2 for the Conditions of Approval.

This letter does not constitute an endorsement or warranty by MasterCard regarding the functionality, quality or performance of the submitted product, including without limitation any warranties of merchantability, fitness for purpose or non-infringement, all of which are expressly disclaimed by MasterCard.

The product will be listed on the MasterCard customer portal as an approved MasterCard Contactless Reader vendor product until the Approval Expiration Date. Any change to the product must be promptly notified to MasterCard.

MasterCard reserves the right to use any approved MasterCard Contactless Reader product as a reference for future testing, certification or approval of other MasterCard Contactless products.

Yours sincerely,

Frédéric Fortin
Senior Business Leader, Product Development
EMV & Digital Devices
Enterprise Security Solutions

Detail of Vendor Product Approval

Book D – EMV Contactless Communication Protocol Specification, Version 2.3.1 – November 2013
MasterCard Contactless Reader Specification - Version 3.0.3 – October 2014
MasterCard Contactless Performance Requirement – Application Note #7 – March 2014

Conditions of Approval

The following actions are to be taken by the vendor for this approval to be valid:

i.   During the Term of the Letter of Approval, the vendor shall ensure that all terminals are produced so that they are materially identical with the samples that were submitted for testing. Any change in the terminal that generates a different behavior of the terminal with respect to the MasterCard Contactless Reader Specifications and MasterCard Contactless Reader Test Assessments, in MasterCard's sole discretion, will be considered a major modification subject to a requirement of new vendor product testing and approval.

ii.   If the POS terminal supports PIN Entry, new installations must use models with a valid PCI PTS approval. The validity of the approval can be verified on PCI SSC web site. For more details on the MasterCard PIN Entry Device standards please contact POI_security@mastercard.com.

iii.   The vendor must make buyers of the product aware of the above conditions.