

**Bitel Co. LTD**  
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Seoul, 06099 Korea

June 2, 2016

### **MasterCard Contactless Reader Vendor Product – Letter of Approval**

Approval Identifier: TLOA-BITE160501-160602(a), Expires on May 31, 2019  
Product Vendor: Bitel Co. LTD  
Product Type: Fully Integrated Terminal

<b>Product Identification</b>	<b>Terminal</b>
Product Commercial Name	IC3500 Version 1V0
Product Technical Name	IC3500 Version 1V0
MasterCard Contactless Kernel	btpaypass Version btcl2pp0b1510032
Application Selection Module	app_ApplicationSelection Version B1603001
MasterCard Contactless Application	EMVL2_main Version 1.0
Product Registration Number	FIT-BITE-160501

EMVCo LoA – Terminal Level 1: 10404 0415 231 231a 231a CEM  
Test Assessment Level 2: TTAS-BITE160501-CEG-1605-T024  
PIN Entry Device: Yes

<b>Implementation Options (*)</b>	<b>Supported?</b>
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.x**.

#### **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](mailto:POI_security@mastercard.com).
- iii. The vendor must make buyers of the product aware of the above conditions.