

**MasterCard Worldwide**

2000 Purchase Street  
Purchase, NY 10577  
USA



**MasterCard**  
Worldwide

Maryam Poursadar  
Verifone Inc.  
2099 Gateway Place  
Suite 600  
San Jose, California 95110  
USA

July 29, 2010

Dear Maryam:

**MasterCard® PayPass™ Vendor Product – Letter of Approval**

Approval Identifier:	TLOA-VERI-100603-100722
Approval Expiration Date:	April 12, 2013
Product Vendor:	VeriFone Inc.
Vendor Product Name:	QX1000 version P and PINpad 1000se version P
Product Identifier Name:	P003-axx-xx-xxx
Product Type:	Intelligent Card Reader
PayPass Applications Names:	CLMCMS version 02.01.00 and CLMC version 02.01.00
Technical Features (*):	Configurable for Magstripe only or M/Chip plus Magstripe Online capable

CVM Configuration	Below CVM limit	Above CVM limit
OnlinePIN + SGN + noCVM	XXXXXXXXXX	Approved
No Online PIN + SGN + noCVM	XXXXXXXXXX	Approved
OnlinePIN + No SGN + No noCVM	XXXXXXXXXX	Approved
No Online PIN + No SGN + noCVM	Approved	Not Approved
OnlinePIN + SGN + noCVM	XXXXXXXXXX	Approved

Test Registration Number:	VERI-100603
EMVCo Letter of Approval – Terminal Level 1:	10002 0909 200 20 FMT
Level 2 Test Assessment Certificate:	T VERI1 1007 L2_01
PINpad 1000se PCI SSC PED Approval Number	4-20049

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

Under the terms of the PayPass Specification License Agreement dated 3rd June 2004, 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 **PayPass Reader supporting either Magnetic Stripe only or both Magnetic Stripe and M/Chip profiles.**

**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 PayPass web site as an approved PayPass 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 PayPass product as a reference for future testing, certification or approval of other PayPass products.

Yours sincerely,

Arnaud du Chéné  
Senior Business Leader  
Chip Engineering / Chip Certification

## Detail of Vendor Product Approval

Testing was performed against the **EMV 2.0 Specifications and MasterCard PayPass - MChip Reader Card Application Interface Specification V2.0 and PayPass - Magstripe Technical Specifications Version 3.3.**

### 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 *PayPass* Specifications and *PayPass* 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. No PIN entry security testing (PCI PED) has been performed on the QX1000 card reader. PIN entry is not a supported option on this device.
- iii. MCW has approved this product in its configuration "P003-**382-39-SGH**" (axx-xx-xxx values of 382-39-SGH of the tested product). In case the last 8 digits of the version differ from this reference it is expected this change reflects only minor changes which does not affect even partially any of the tested items. It is the Vendor responsibility to guarantee such compliance and provide to the customer a detailed description of discrepancies between versions. MCW reserves the right to remove the approval in case the discrepancies are considered as major.