

MasterCard Worldwide
 2000 Purchase Street
 Purchase, NY 10577
 USA



ViVOTech INC.
 451 El Camino Real,
 Santa Clara, CA 95050
 USA

September 22, 2011

MasterCard® PayPass™ Vendor Product – Letter of Approval

Approval Identifier: TLOA-VIVO-110701-110922(a) expires on September 21, 2014
 Product Vendor: ViVOTech INC.
 Product Type: Intelligent Card Reader

	Card Reader	Terminal
Product Commercial Name	ViVOPay4800	-
Product Identifier Name	540-1403-01Rev. A	-
PayPass Application Name	PayPass MagStripe3.3 version IMP = 1.0.0 [390C]	-

EMVCo LoA – Terminal Level 1: 10061 0811 201 201a RFI
 PCI SSC PED Approval Number: N/A (No PINPad)
 Level 2 Technical Features (*):

Terminal Configurations		Below CVM limit	Above CVM limit	Registration Number	Level 2 Test Assessment
PayPass - M/Chip	OnlinePIN + SGN + noCVM	XXXXXXXXXX	Not Approved	-	-
	No Online PIN + SGN + noCVM	XXXXXXXXXX	Not Approved	-	-
	OnlinePIN + No SGN + No noCVM	XXXXXXXXXX	Not Approved	-	-
	No Online PIN + No SGN + noCVM	Not Approved	Not Approved	-	-
PayPass – Mag Stripe only		Approved		VIVO-110701	T VIVO 1109 L2_02

(*): 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 1st April 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 – Magnetic Stripe Reader**.

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

EMV Contactless Communication Protocol Specification – Version 2.0.1 – July, 2009
<i>PayPass</i> – Mag Stripe Technical Specifications - Version 3.3 – December 2007
<i>PayPass</i> – Mag Stripe Application Note#13 (December 20, 2007)

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 this card reader. PIN entry is not a supported option on this device.
- iii. MCW has approved this product with the *PayPass* application “PayPass MagStripe3.3 version IMP = 1.0.0 [390C]”. Nevertheless the Vendor states that the *PayPass* application “PayPass MagStripe3.3 version IMP = 1.0.0 [0BB8]” only differs from the configuration tested in minor changes which do not affect even partially any feature 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.