

MasterCard Worldwide
2000 Purchase Street
Purchase, NY 10577
USA



Tony Phan
ViVOtech
451 El Camino Real,
Santa Clara, CA 95050
USA

June 16, 2010

Dear Tony:

MasterCard® PayPass™ Vendor Product – Letter of Approval

Approval Identifier:	TLOA-VIVO-100301-100616
Approval Expiration Date:	June 16, 2013
Product Vendor:	ViVOtech
Vendor Product Name:	ViVOpay 8100
Product Identifier Name:	310-2179/AR version A/1.2.0
Product Type:	Intelligent Card Reader
PayPass Application Name:	L2 Card PayPass Application version – 0105 (Hex) version IMP = 1.2
Test Registration Number:	VIVO-100301
EMVCo Letter of Approval – Terminal Level 1:	10018 0610 200 20 RFI
Level 2 Test Assessment Certificate:	T VIVO 1006 L2_01
PCI PED approval reference:	4-20110

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

Testing was performed against the **EMV 2.0 Specifications** and the **MasterCard *PayPass* – Mag Stripe Technical Specification 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.