

**MasterCard Worldwide**  
2000 Purchase Street  
Purchase, NY 10577  
USA



Tee Yen Yam  
GHL Systems Berhad  
L5-E-7B, Enterprise 4  
Technology Park Malaysia  
Bukit Jalil  
57000 Kuala Lumpur  
Malaysia

July 19, 2010

Dear Tee Yen:

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

Approval Identifier: TLOA-GHL-100501-100719  
Approval Expiration Date: July 19, 2013  
Product Vendor: GHL Systems Berhad  
Vendor Product Name: VersaRead  
Product Identifier Name: VR-300 version 3.0  
Product Type: Intelligent Card Reader  
PayPass Application Name: Paypass Payment Module version 2.0  
Technical Features (\*): Online capable

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

Test Registration Numbers: GHL-100501  
EMVCo Letter of Approval – Terminal Level 1: 10019 0610 200 20 FMT  
Level 2 Test Assessment Certificates: T/GHL/1007/L2\_01  
(\* ) 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 17 May 2005, 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 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**

### **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.