

**MasterCard Worldwide**

2000 Purchase Street  
Purchase, NY 10577  
USA



XAC Automation Corporation  
4F., No. 30, Industry E. Rd. IX,  
Science-Based Industrial Park  
300 Hsin-Chu  
Taiwan, ROC

September 29, 2011

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

Approval Identifier: TLOA-XAC-110801-110929(a) expires on August 29, 2014  
Product Vendor: XAC Automation Corporation  
Product Type: Intelligent Card Reader

	Card Reader	Terminal
Product Commercial Name	FD35 version B01	-
Product Identifier Name	XAC8006-FD35 version B01	-
PayPass Application Name	SW LIB PPS-CORTEX version B01	-

EMVCo LoA – Terminal Level 1: 10057 0811 201 201a FMT  
PCI SSC PED Approval Number: 4-10104  
Level 2 Technical Features (\*):

Standard Terminal Configurations		Below CVM limit	Above CVM limit	Registration Number	Level 2 Test Assessment	
Online capable	PayPass – M/Chip	OnlinePIN + SGN + noCVM	XXXXXXXX	Approved	XAC-110801	T/XAC/1109/L2_01
		No Online PIN + SGN + noCVM	XXXXXXXX	Approved	XAC-110802	T/XAC/1109/L2_02
		OnlinePIN + No SGN + No noCVM	XXXXXXXX	Approved	XAC-110803	T/XAC/1109/L2_03
		No Online PIN + No SGN + noCVM	Approved (Default)	Not Approved	-	-
		PayPass – Mag Stripe only	XXXXXXXX		-	-
Online only	PayPass – M/Chip	OnlinePIN + SGN + noCVM	XXXXXXXX	Not Approved	-	-
		No Online PIN + SGN + noCVM	XXXXXXXX	Not Approved	-	-
		OnlinePIN + No SGN + No noCVM	XXXXXXXX	Approved	XAC-110804	-
		No Online PIN + No SGN + noCVM	Not Approved	Not Approved	-	-
		PayPass – Mag Stripe only	XXXXXXXX		-	-

(\* ) 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 19<sup>th</sup> January 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 – M/Chip 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.

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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> – M/Chip Reader Card Application Interface Specification - Version 2.1 – April 2010
<i>PayPass</i> Application Note#18 (April 12, 2010)

### **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.