

Ingenico
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Guilherand-Granges, France

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

Approval Identifier: TLOA-INGE-100201-100521_Rev A
Approval Expiration Date: December 3, 2012
Product Vendor: Ingenico SA
Vendor Product Name: iPP3xx V1.1
Product Identifier Name: PCDX2P3
Product Type: Fully Integrated Terminal
PayPass Application Name: 813349 version 0101
Operating System Name: Telium System 7.1
Technical Features (*): Attended, Online capable
Specifications versions: MasterCard *PayPass* - ISO/IEC 14443 Implementation Specification V1.1
MasterCard *PayPass* - *MChip* Reader Card Application Interface Specification V2.0.

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	Approved **
No Online PIN + No SGN + noCVM	Approved	Not Approved

** *This configuration has not been tested and is only approved by equivalence based on Vendor inputs*

Test Registration Number: INGE-100201
EMVCo LoA – L.1: 10012 0310 200 20 FIM
L.2 Test Assessment Certificate: T/INGE/1005/L2_01
PCI SSC PED Approval Number 4-20142

Under the terms of the *PayPass* Specification License Agreement dated 12 July 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 M/Chip Terminal***.

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

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

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**

One CVM configuration has not tested based on Vendor's declaration claiming its similarity with another product of the "Telium" family (same Level 2).

Conditions of Approval

1. 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. MCW has approved this product in its configuration "iPP350" (xx values of 5 and 0 of the tested product). In case the last 2 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.