

**MasterCard Worldwide**  
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July 11, 2008

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

Approval Identifier: CLOA-GIDE080501-110708, expires on July 11, 2009, extended to July 11, 2011  
Product Vendor: Giesecke & Devrient GmbH  
Commercial Product Name: SmartMS M v1.41 on Keycorp MULTOS I4F  
Technical Product Name: SmartMS M v1.41 on Keycorp MULTOS IF4  
Registration Number: CL/GIDE/0805/01/PPMICA/CxA

**In February 2009, MasterCard decided to extend the validity of Letters of Approval to a period of three years. This letter implements that decision and updates the expiration date.**

Under the terms of the *PayPass* Specification License Agreement dated March 15, 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 1.3 MICA 4 lines embossing ID-1 Card with a full antenna (Type A, T=0 and T=1)*.

**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 Center of Excellence  
MasterCard Worldwide

### Details of Vendor Product Approval

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Test Assessment References:	PPMC4 A-GIDE080501A1-CA-FIM-0708-0001 PPMC4 D-KEYC080305A2-PA-FIM-0508-0001 PPMC4 R-KEYC080307A1-PA-FIM-0508-0001

### MasterCard Reference Specifications

<i>PayPass</i> – ISO/IEC 14443 Implementation Specification – Version 1.1– Mar. 2006
<i>PayPass</i> – M/Chip Technical Specifications – Version 1.3.1 – September, 2008
<i>PayPass</i> – M/Chip Application Note #12 – September 15, 2008

### Conditions of Approval

None

### Product Technical Restrictions

None

### Issuer Implementation Notes

None