

**MasterCard Worldwide**

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Giesecke & Devrient GmbH  
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March 5, 2009

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

Approval Identifier: CLOA-GIDE070701-090305(a), expires on February 6, 2010, extended to March 5, 2012  
Product Vendor: Giesecke & Devrient GmbH  
Commercial Product Name: Convego Element DI U00-12D-010  
Technical Product Name: StarDC UK v3.9 DI  
Registration Number: C/GIDE/0707/B01R

**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 Flex with UKIS 4 lines embossing ID-1 Card with a full antenna Type A, T=0.

**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:	PPMCFU A-GIDE070701A1-C0A-FIM-0903-C010 PPMCFU D-GIDE070701A1-C0A-FIM-0903-C010

### MasterCard Reference Specifications

<i>PayPass</i> – ISO/IEC 14443 Implementation Specification – Version 1.1– Mar. 2006
<i>PayPass</i> – M/Chip Flex Technical Specifications – Version 1.1 – October 11, 2006
<i>PayPass</i> – M/Chip Flex Application Note #2 – October 11, 2006
<i>PayPass</i> Application Note #2 (500 ms Performance Policy) – January 30, 2008

### Conditions of Approval

None

### Product Technical Restrictions

None

### Issuer Implementation Notes

None