



BARNES INTERNATIONAL RECEIVES MASTERCARD QUALIFICATION OF CARD PERSONALIZATION VALIDATION (CPV) MODULE

30st April 2011, London - Barnes International is pleased to announce the qualification of its MasterCard Card Personalization Test Module (CPV module) for MasterCard® Worldwide to the latest CPV Personalization Validation Tool (PVT) Requirements version 4.2, dated March 2011. This latest CPV tool was developed in a joint effort between Barnes and FIME and further adds to the effectiveness and accuracy of the Barnes CPT3000v3 and CAT3000v3 PVT Test Tools when testing MasterCard and *PayPass*™ enabled cards for certification purposes.

Christian Delporte, Head of Chip Engineering at MasterCard Worldwide, comments: "We are pleased that the CPV module offered by Barnes International a recognized player in the chip testing market, is qualified to CPV version 4.2 as part of the MasterCard program. MasterCard issuers will directly benefit from this qualified test tool to prepare for the formal Card Personalization Validation (CPV) session. MasterCard will inform its customers about qualified test tools via the MasterCard OnLine™ website which reflects the latest status of all qualified tools."

Brian Summerhayes, Managing Director of Barnes International, adds: "We are extremely pleased to announce the qualification of our CPV 4.2 module to MasterCard's latest PVT requirements. We have been working very closely with MasterCard for many years and this latest version of CPV further improves the ability of MasterCard issuers, card manufacturers and personalization bureaux to accelerate card approval by providing the very best possible preparation for the official process. The combination of FIME and Barnes' expertise makes this a truly excellent opportunity to better address customer needs. We shall continue to work closely with MasterCard and the other payment schemes to continue to enhance the process of improving and expediting card approval and quality control testing tools for issuers and manufacturers."

The new Barnes CPV module (v4.2) complements Barnes' CAT 3000v3 and CPT 3000v3 Personalisation Validation Test Tools by providing rigorous, comprehensive and rapid card validation prior to submission of the cards to MasterCard Worldwide service providers for validation of the card personalization parameters. It is the latest addition to Barnes' EMV Chip Personalisation Test Tool (CPT) range and is part of the ongoing development program for the CPT 3000v3 and CAT 3000v3 Card Personalisation Validation Tools in use by payment schemes, banks, card manufacturers, personalisation bureaux and test laboratories worldwide.

The CPV 4.2 module is now available to existing and new users of Barnes' CPT 3000v3 and CAT 3000v3 and or as a stand alone F-CPV Test Module is now also available. The combination of these will allow developers to pre-validate cards prior to approval, using the same tests as employed by FIME Laboratories on behalf of MasterCard Worldwide for *M/Chip*™ and *PayPass*™ card testing. The module is qualified to validate card personalization to *M/Chip* Requirements (June 2010), *M/Chip* Personalization Data Specifications and Profiles (June 2010), *PayPass*™ Personalization Data Specifications v 1.6 (June 2010), One Smart Pre-Authorisation Solution Guide (January 2005), *M/Chip* Card Personalization Standard Profiles (April 2011) and *M/Chip* Card Personalization Standard Profiles Including *PayPass*™ (April 2011).

Originally launched in 1999, the CPT3000v3 and CAT3000v3 are the latest versions of Barnes' Personalization Validation Tool (PVT) and include features and enhancements suggested by its global customer base. Barnes' PVT offers quick and thorough testing, as well as PCI/DSS compliance.

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About Barnes:

Barnes International is the world leader in the development and supply of Chip Card Test Tools and Magnetic Stripe Analysers. Barnes world class Test Tools enable the Manufacture and Issue of valid Magnetic stripe, Contact and Contactless EMV Chip Cards, ensuring quicker approval by Payment Schemes and minimising pre-issue costs. Its Test Tools for Laboratory, Manufacturing and Bureau include QC testing to ISO, EMV, Amex, JCB, MasterCard, Visa, Discover, Interac, Global Platform and GSM specifications. Barnes also offers EMV Consultancy and Card Testing. For further information on Barnes' products and services go to www.barnestest.com

About MasterCard Worldwide:

As a leading global payments company, MasterCard Worldwide prides itself on being at the heart of commerce, helping to make life easier and more efficient for everyone, everywhere. MasterCard serves as a franchisor, processor and advisor to the payments industry, and makes commerce happen by providing a critical economic link among financial institutions, governments, businesses, merchants, and cardholders worldwide. In 2010, \$2.7 trillion in gross dollar volume was generated on its products by consumers around the world. Powered by the MasterCard Worldwide Network – the fastest payment processing network in the world – MasterCard processes over 23 billion transactions each year and has the capacity to handle 160 million transactions per hour, with an average network response time of 130 milliseconds and with 99.99 percent reliability. MasterCard advances global commerce through its family of brands, including MasterCard®, Maestro®, and Cirrus®; its suite of core products such as credit, debit, and prepaid; and its innovative platforms and functionalities, such as MasterCard PayPass™ and MasterCard inControl®. MasterCard serves consumers, governments, and businesses in more than 210 countries and territories. For more information, please visit us at www.mastercard.com. Follow us on Twitter: @mastercardnews.