



Chip Personalisation Tester
CPT 3000v3
v3.53

PRODUCT RELEASE NOTES
April 2018

Barnes International Limited
The Loft
St. Clair's Farm
Wickham Road
Droxford
Hampshire
SO32 3PW

Tel: +44 (0)1730 231313
Fax: +44 (0)1730 265353
support@barnestest.com
www.barnestest.com

CPT Product Release v3.53

Barnes International Limited is pleased to announce the release of the Card Personalisation Tool (CPT) version v3.53. This release incorporates the new test capabilities and enhancements detailed below. Please contact your Barnes sales contact for further enquiries.

Quality Control

CPT now complies with the following specifications.

Network/Scheme	Specification	Release	Release date
Mastercard	M/Chip Personalization Data Specifications For Contact and Contactless	Mar-18	20/3/18
Discover	Contactless DPAS Mobile Specification Discover® Cloud Payment Mobile Application Specification	1.1	July-2017

Scheme Standard Chip Personalisation Profiles

CPT now complies with the following Scheme recommended chip profiles.

Scheme / Institution	Chip Profile Specification	Specification Version	Release Date
Visa (U.S.)	Profile C1 - U.S. Credit Personalization Profile for Online-Only Card (Contact Only)	1.1	Feb-18
Visa (U.S.)	Profile C3 - U.S. Credit Personalization Profile for Online-Only Card (Dual Interface)	1.1	Feb-18
Visa (U.S.)	Profile D1 - U.S. Debit Personalization Profile for Online-Only Card (Contact Only)	1.1	Feb-18
Visa (U.S.)	Profile D4 - U.S. Debit Personalization Profile for Online-Only Card (Dual Interface)	1.1	Feb-18
Visa (U.S.)	Profile D5 - U.S. Debit Personalization Profile for Online-Only Card (Dual Interface – Contact & Contactless for Visa Debit with ODA and U.S. Common Debit)	1.1	Feb-18
Visa (U.S.)	Profile P1 - US Proprietary ATM (Online PIN Only)	1.1	Feb-18
Visa (U.S.)	Profile P2 - US Proprietary ATM and POS (Online PIN Only)	1.1	Feb-18
Mastercard	M/Chip Card Personalization Standard Profiles	Feb-18	27/2/18
Egyptian Banks Company	EBC Cobadged CPA-based Card Profile	1.5	Oct-17
Egyptian Banks Company	EBC Cobadged PURE-based Card Profile	1.3	Oct-17
Egyptian Banks Company	EBC Online-only CPA-based Card Profile	1.1	Oct-17
Egyptian Banks Company	EBC Online-only PURE-based Card Profile	1.1	Oct-17
Interac	DI ICC Application Card profiles	1.5d	Jan-18

Product Enhancements

Enhancements have been made to the CPT product as below.

Feature Summary	Feature Description
Enhanced Hyperlinks	Improved error/observation hyperlinks to the Payment Scheme specifications. New dialog available to import Payment Scheme specifications into CPT.
Updated Country and Currency Codes	Test Scenario editor updated to support country and currency codes as per the Mastercard Quick Reference Booklet (April 2018)
Visible Default Terminal Settings	Test Scenario Editor now shows the default terminal settings used for each relevant terminal parameter
Improved Reader Configuration dialogue	The smart card reader configuration dialogue is now more user friendly
Cardholder Name masking and Track 3 masking	More flexibility added to masking of data. User can choose to mask only cardholder name in the Program settings. Track 3 flexible character mask now also supported
Text zoom in Details Tree report	Ability added to zoom Detail Tree with CTRL + Mouse Wheel. This was already supported in all other reports

Test Lab Personalisation Validation Modules (Options)

The following optional chip personalisation validation modules are now supported from this release of CPT onwards.

Please note that some of the modules listed have been developed in cooperation with FIME or Scheme test laboratories. The sale and distribution of some modules is therefore subject to Scheme, FIME or Barnes approval. Please contact your Barnes sales contact for further information.

Scheme / Institution	Certification Module	Module Version	Description
Mastercard	Mastercard CPV Certification	3.52	Tests compliance up to Mastercard Personalization Validation Tool: Release 2018 Requirements (v11.3) and Visa Europe Addendum to Global Personalization Requirements v3.0 V1.2 August 2017
Visa	Visa GPR Certification	3.4	Tests compliance up to; - Visa GPR 3.0 Additions and Clarifications Document Version 4 - U.S. Personalization Validation Requirements v2.1 July 2017
PBOC	China Union Pay Certification	1.2	Tests compliance up to China UnionPay 3.0 specifications. Tested against the UnionPay Card Personalization Validation Test Cases v1.2
EFTPOS	Eftpos Card Certification	1.4	Tests compliance up to eftpos Card Application Personalisation Specification v17 04
JCB	JCB J/Smart Certification	5.5	Tests compliance up to J/Smart v2.0, J/Smart Business Requirements v2.0 and J/Smart Personalisation Spec v3.0
Paypak	Paypak Certification	2.1	Tests compliance up to PayPak Credit, Debit and Prepaid personalisation profiles v1.2.2 and Card Specification v1.6
SAMA	Mada Certification	2.20	Test compliance up to MADA Issuance profiles v 6.0.4

For further information relating to these release notes please contact support@barnestest.com