



Chip Personalisation Tester
CPT 3000v3
v3.51

PRODUCT RELEASE NOTES
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CPT Product Release v3.51

Barnes International Limited is pleased to announce the release of the Card Personalisation Tool (CPT) version 3.51. 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.

Scheme / Institution	Description	Specification	Specification Version
China UnionPay	UnionPay International	UICS Updates 2015 and UICS Updates 2016, covering following specs: Part II Debit Credit Application Card Specification Part V Contactless Integrated Circuit Card Payment Specification	1.0.2
GIE Cartes Bancaires	Personalisation profiles v.2.2.2: - M/Chip 4 & Paypass 1.4 - M/Chip Advance - VIS 1.5 & VCPS 2.1.2	REFERENTIEL CARTE CB "DUAL-INTERFACE" V2 - PERSONNALISATION DES DONNEES - BASE M/CHIP 4 & PAYPASS 1.4 REFERENTIEL CARTE CB "DUAL-INTERFACE" V2 - PERSONNALISATION DES DONNEES - BASE M/CHIP ADVANCE REFERENTIEL CARTE CB "DUAL-INTERFACE" V2 - PERSONNALISATION DES DONNEES - BASE VIS 1.5 & VCPS 2.1.2 REFERENTIEL CARTE CB DUAL-INTERFACE – SPECIFICATIONS GENERALES	v2.2.2
Interac	Interac Dual Interface	Dual Interface ICC Specification	1.5.1
MasterCard	M/Chip Requirements For Contact and Contactless	M/Chip Requirements For Contact and Contactless (FA_Manual) • M/Chip Advance—Common Personalization Specification • M/Chip Advance—Product Derivation	Sept 2017
National Payments Corporation of India (NPCI)	RuPay dual interface	Rupay EMV Dual Interface Card Application Specification	2.0
Visa	Mobile Contactless Payment Specification	Visa Mobile Contactless Payment Specification (VMCPS)	1.4.3

Scheme Standard Chip Personalisation Profiles

CPT now complies with the following Scheme recommended chip profiles.

Scheme / Institution	Chip Profile Specification	Specification Version
Cartes Bancaires	M/Chip 4 & Paypass 1.4	V2.2.2
Cartes Bancaires	M/Chip Advance	V2.2.2
Cartes Bancaires	VIS 1.5 & VCPS 2.1.2	V2.2.2
Discover	DPAS - U.S. Debit Personalization Profiles	3.1
China UnionPay	Part I - Personalization templates based on Debit/Credit Application	2016
Visa	Profile P1 - US Proprietary ATM	December 2016
Visa	Profile P2 - US Proprietary ATM and POS	December 2016

Product Enhancements

Enhancements have been made to the CPT product as below.

Feature Summary	Feature Description
PDF Report export	PDF Report export facility provided in "Export Card Data" menu By default the tool will export Test report tab + details tree + engineering log details tree / engineering log are hyperlinked program setting allows user to define what he wishes to export
New user confirmation dialogue	New dialogue to only ask for user confirmation
Sorting of User list	Newly created users are sorted alphabetically
Profile usage log	Every time a profile is edited a log entry is created, a button has been added to each scenario to view the log. Logs are stored in a database and gets cleared along with other usage logs
Auto selection list enhancements	Auto selection list enhancements: - Import / Export the list from CSV files - search of list for a particular string - sorting list by clicking column headers
Updated shortcut images	Scheme logos updated. New icons to identify contact, contactless, dual interface and mobile test scenarios
New DI test scenarios	Addition of more test scenarios supporting dual interface cards
Detail Tree icons	Refresh of icons for pass, error and observation
Visa VPA Output File v4	CPT now supports import of this file format into the Data Analyser stage
Improved Chinese language support	Enhancements to display of reports in Asian languages
Barnes 3K7 reader card compatibility	Support of more chip card types

Test Lab Qualification Modules

The following optional chip qualification modules are now supported from CPT v3.51 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 permission. Please contact your Barnes sales contact for further information.

Scheme / Institution	Description	Specifications Supported	Specification Version
Gimac	Gimac Contact Chip	Description Profils GIMAC SDA Description Profils GIMAC DDA	1.0
JCB	Mobile HPA	JCB Handset Payment Application Specification JCB Cloud Based Payment System Specification	1.0
JCB	Mobile HPA Global Project	JCB Handset Payment Application Specification JCB Cloud Based Payment System Specification	1.0
NETS	WISE RSA	NETS WISE RSA Card Personalization Guide v 2.1	v2.1

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