



Discover D-PAS Test Module

EMV[®] Personalisation Validation Tool

Speeds up Discover certification and reduces the high cost and delay associated with qualification failure

To achieve Discover D-PAS certification Banks, Card Manufacturers, Personalisation Bureaus and Test Laboratories must ensure their cards comply with Discover's latest Card Personalization Validation (CPV) Requirement specifications. Obtaining Discover qualification can be a timely and costly process.

To reduce the risks of failure, card devices and mobile applications can be pre-validated prior to submission to Discover using the Discover Test Module from Barnes. Approved by Discover, it uses the same detailed and rigorous tests they use to perform qualification tests on cards (Contact, Dual Interface and US Debit).



SUPPORTED
DISCOVER
SPECIFICATIONS

Contact D-PAS Chip Card
personalization Validation
Rules 1.0

Contactless D-PAS Chip Card
Personalization Validation
Rules
v1.0 April 2015

Discover Mobile D-PAS Mobile
1.x Supported Specifications:

Discover Contactless D-PAS:
Mobile Specification v1.1, v1.2,
v1.3



Solution Overview



The Discover D-PAS Test Module complements Barnes existing Card Validation Test Tools, the CAT3000v3 and CPT3000v3. The module runs as integrated scenarios on the CPT 3000v3 and CAT3000v3 platforms and may co-exist with other modules such as Host Simulation (including HSM).




THE BARNES ADVANTAGE

Barnes is the chosen test tool of Banks & Issuers, Card Manufacturers, Personalisation Bureaus and Test Laboratories worldwide.

BUSINESS AGILITY

Barnes test tools are easy to use by both technical and non-technical users, and speed up card development and payment scheme certification.

COST ELIMINATION

The high business costs and wasted resources of producing and issuing invalid cards are eliminated.

RISK REDUCTION

The reputational risk of issuing invalid EMV cards to end customers is reduced.

FUTURE PROOFED

Barnes works in partnership with all major payment schemes. As scheme rules evolve, Barnes rapidly makes updated test script packs available to customers via the Barnes website.

SERVICE EXCELLENCE

Our clients have every confidence that, whatever their test requirement, the Barnes team is always on-hand to deliver expert advice and fast support.



Tabs provide access to [Details Tree](#), [Engineering Log](#) and [Test Report](#). The detailed Results Tree and Engineering Log enable analysis and clear guidance for all levels of user.

Details Tree

Engineering Log

A full [Test Report](#) detailing the tests carried out and more in-depth detail on the errors, observations and warnings, plus the ICS selection used and a list of all the tests performed.



BARNES INTERNATIONAL		CPT 3000v3	
Card Personalisation Validation Test Report			
Test Information			
Card Identity	650159xxxxxxxx817 A578		
Application Tested	A0000001523010 Discover		
Result	FAIL		
Date	11 February 2025 06:52		
Test Scenario	C:\Barnes\CP\T369_release\build\Local\Scenarios\DPAS Connect Certification\DPAS Connect		
Test Specifications	D-PAS Chip Card Personalization Validation Rules 2.31		
Offline PIN Test	Test not performed		
Test Performed By			
Equipment	CPT 3000v3 - 3.69.0 S/N 0001/0007 DPAS 2.0 Scripts - 1.6.6		
Card Reader(s)	Imported Image File - ALL_track_DPAS20.xml		
Location	New		
Operator	SYSTEM MANAGER		

Results Summary	
ERRORS - DPAS 2.0 Qualification Contact - A0000001523010	
DPAS_50_01	Error: Value is not correct.
DPAS_9F4F_01	Error: Optional data element is present.
DPAS_9F4F_04	Error: Value is not correct.
DPAS_MS_05	Error: Value is not correct.
DPAS_TRACK1_07	Error: Value is not correct.
ERRORS - DPAS 2.0 Qualification Contactless Offline - A0000001523010	
DPASCL_9F07_04	Error: Redundant Data Elements are not allowed.
DPASCL_9F4F_02	Error: Optional data element is present.
DPASCL_9F4F_03	Error: Transaction Log format does not include the minimum required
ERRORS - DPAS 2.0 Qualification Contactless Online/Decline without ODA - A0000001523010	
DPASCL_9F07_04	Error: Redundant Data Elements are not allowed.
DPASCL_9F4F_02	Error: Optional data element is present.
DPASCL_9F4F_03	Error: Transaction Log format does not include the minimum required
ERRORS - DPAS 2.0 Qualification Contactless Online/Decline without ODA - A0000001523010	
DPASCL_9F07_04	Error: Redundant Data Elements are not allowed.
DPASCL_9F4F_02	Error: Optional data element is present.
DPASCL_9F4F_03	Error: Transaction Log format does not include the minimum required

Instant Result Summary

Instant Result Summary showing a PASS, or in the case of FAIL, the Error or Observation Codes and Comments on the Discover D-PAS PVT Tests which caused the failure.