



Discover D-PAS Connect 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, cards 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

Spec list:
Discover® Global Network DPAS Connect Card Application Contact Specification, v2.1.1

Discover® Global Network DPAS Connect Card Application Contactless Specification, v2.1.1

Global Card Specifications, v21.1

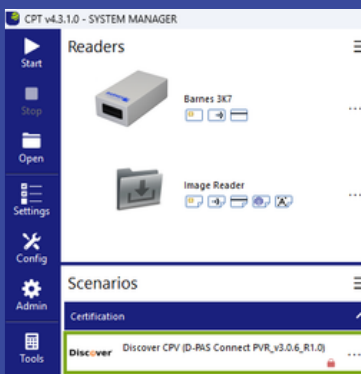
DCI Card Technical Specifications, v21.1

Discover® Contact D-PAS and D-PAS Connect: Issuer Implementation Guide

Test plans:
Machine readable:
DGN_D-PAS_Connect_Card_PVR_v3.0.3_R1.0

Paper: D-PAS Connect Contact Personalization Validation Rules_3.0.2
December 2025

Paper: D-PAS Connect Contactless Personalization Validation Rules_3.0.3
December 2025

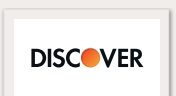


Solution Overview



The Discover D-PAS Test Module complements Barnes existing Card Validation Test Tools.

The module runs as integrated scenarios on the CPTv4 platform 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.

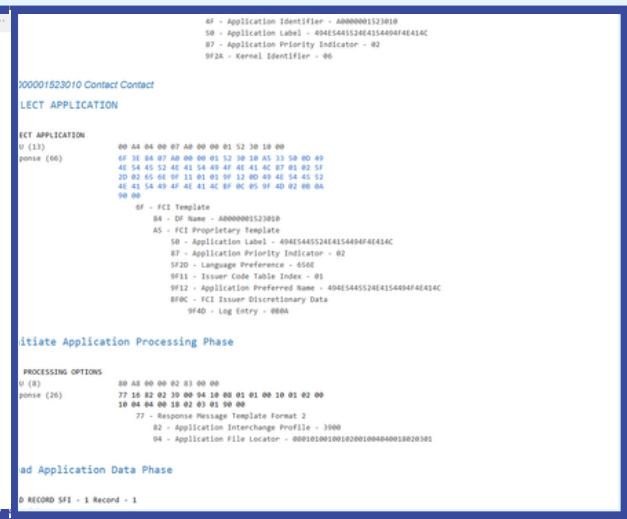


Tabs provide access to [Details Tree](#), [Engineering Log](#) and [Test Report](#). The detailed Results Tree and Engineering Log enable analysis and clear guidance for all levels of user.

Details Tree



Engineering Log

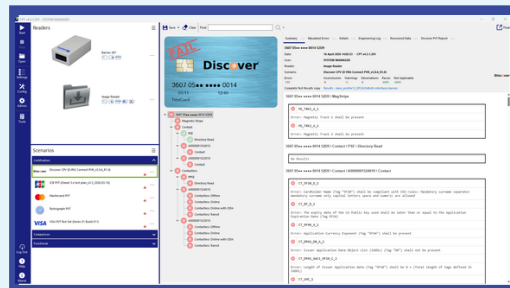


A full [Test Report](#) detailing the tests carried out and more in-depth detail on the errors, observations and warnings, plus the ICS selection used and a list of all the tests performed.



DPAS 2.0 Report

Test Equipment																																									
Module:	DPAS 2.0 Certification																																								
GPT Version:	4.3.1.0																																								
Release Date:	Thursday, 16 April, 2020																																								
User:	SYSTEM MANAGER																																								
Test Specification:	D-PAS Connect Contact Card Application Personalisation Validation Rules Version 3.0																																								
Test File:	D-PAS Connect Contactless Card Application Personalisation Validation Rules Version 3.0																																								
Test File Path:	D:\D-PAS_Connect_Card_PNV_v1.0_R_3.0.dsp																																								
Test Execution Details																																									
Test Date:	Thursday, 16 April, 2020																																								
Test Time:	8:46 AM																																								
Card Country:	India																																								
Card Number:	6530 9444 **** 9567 4304																																								
Reader(s):	Barnes 3C7																																								
Image(s):	None																																								
<p>▼ Pass/Fail</p> <p>Overall - FAIL</p> <table border="1"> <thead> <tr> <th>Transaction</th> <th>Errors</th> <th>Warnings</th> <th>Observations</th> <th>Not Applicable</th> <th>Passes</th> </tr> </thead> <tbody> <tr> <td>AM00000523010/Contact</td> <td>5</td> <td>0</td> <td>0</td> <td>188</td> <td>655</td> </tr> <tr> <td>AM00000523010/Contactless Offline</td> <td>2</td> <td>10</td> <td>0</td> <td>623</td> <td>561</td> </tr> <tr> <td>AM00000523010/Contactless Online</td> <td>2</td> <td>10</td> <td>0</td> <td>621</td> <td>563</td> </tr> <tr> <td>AM00000523010/Contactless Online with ODA</td> <td>2</td> <td>4</td> <td>0</td> <td>615</td> <td>570</td> </tr> <tr> <td>AM00000523010/Contactless Transact</td> <td>2</td> <td>4</td> <td>0</td> <td>615</td> <td>570</td> </tr> </tbody> </table>						Transaction	Errors	Warnings	Observations	Not Applicable	Passes	AM00000523010/Contact	5	0	0	188	655	AM00000523010/Contactless Offline	2	10	0	623	561	AM00000523010/Contactless Online	2	10	0	621	563	AM00000523010/Contactless Online with ODA	2	4	0	615	570	AM00000523010/Contactless Transact	2	4	0	615	570
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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.