Barnes INTERNATIONAL

Visa Global Self-Service PVT Module

EMV® Personalisation Validation Tool

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

To achieve Visa certification, Banks, Card Manufacturers, Personalisation Bureaus and Test Laboratories must ensure their cards comply with Visa's global personalisation (GPR) specifications. Obtaining Visa qualification can be a timely and costly process. To reduce the risks of failure, cards can be validated using the Visa GPR PVT Module from Barnes. Approved by Visa, it uses the same detailed and rigorous tests they use to perform qualification tests on cards.

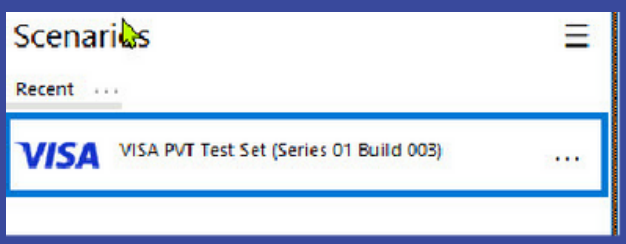
The Visa Self-Service PVT Module has been qualified for Visa Global PVT for following regions: US, AP, MEA, CAN and LAC. This means that once a "Pass" has been achieved, the test report (Visa CCRT Report) is sent to Visa as evidence that the card is compliant with the Visa Rules and matches the Personalization Assistant (VPA) profile or SPS profile, instead of sending the physical card to Visa Global. Note: This module is not to be used for Visa Europe card certification. Visa Europe CCRT self-service for cards and devices issued in Europe is available as a separate module.

Introducing a Fresh Design for Testing: The Visa Global Self-Service PVT module testing will now be conducted on our latest testing platform, CPT v4. This new platform features a rejuvenated design and a more intuitive user experience. Additionally, it boasts machine-readable capabilities. Empowering your payment testing journey with Barnes.

APPLICABILITY

Test Plan:
Visa Global PVT Tool Vendor Requirements v1.1
Visa PVT Test Set Series 01 Build 006
Visa PVT Framework Implementation Guide v1.0.8
Visa PVT Pseudo Function Definitions v1/0.8
Visa Global PVT Sample Report and Scheme v1.5

Specifications:
VIS 1.5.3, 1.5.4,1.6.1, 1.6.2, 1.6.3 and all published updates
VCPS 2.1.1, 2.1.2, 2.1.3, 2.2, 2.2.1, 2.2.2, 2.2.3, 2.2.4 and all published updates
FLEET 1.1, 1.2 and all published updates
PTSM 3.1 and all published updates
Dependency: VPA 4.1 Data Output Files Specification



Solution Overview

TheVisaSelf-Service PVT Module complements the CPTv4 Card Validation Test Tool, resulting in a Chip Compliance Reporting Tool (CCRT). The module runs as integrated scenarios on the CPT v4 platform and may co-exist with other modules such as Host Simulation (including HSM interface).

The overall PVT test result outcome (PASS or FAIL) is dependent on the outcome of the Template Checking (VPA) and the Execution of GPR Test Cases.

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

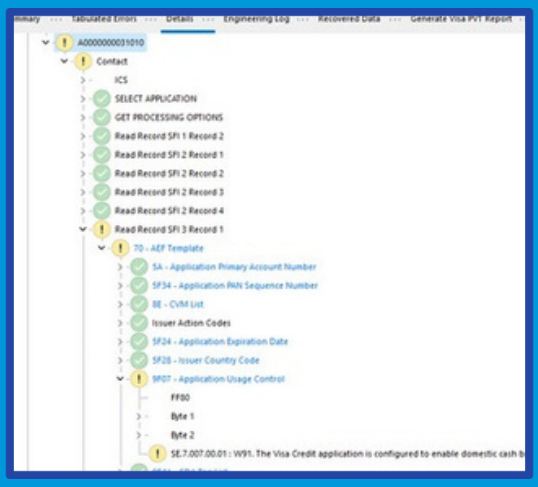
Barnes works in partnership with all major payment schemes. As scheme rules evolve, Barnes rapidly makes updated test script packs available to customers via the Barnes website.

SERVICE EXCELLENCE

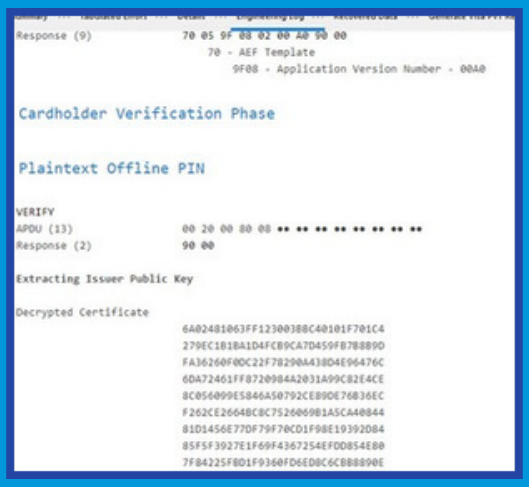
Our clients have every confidence that, whatever their test requirement, the Barnes team is always on-hand to deliver expert advice and fast support.

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.

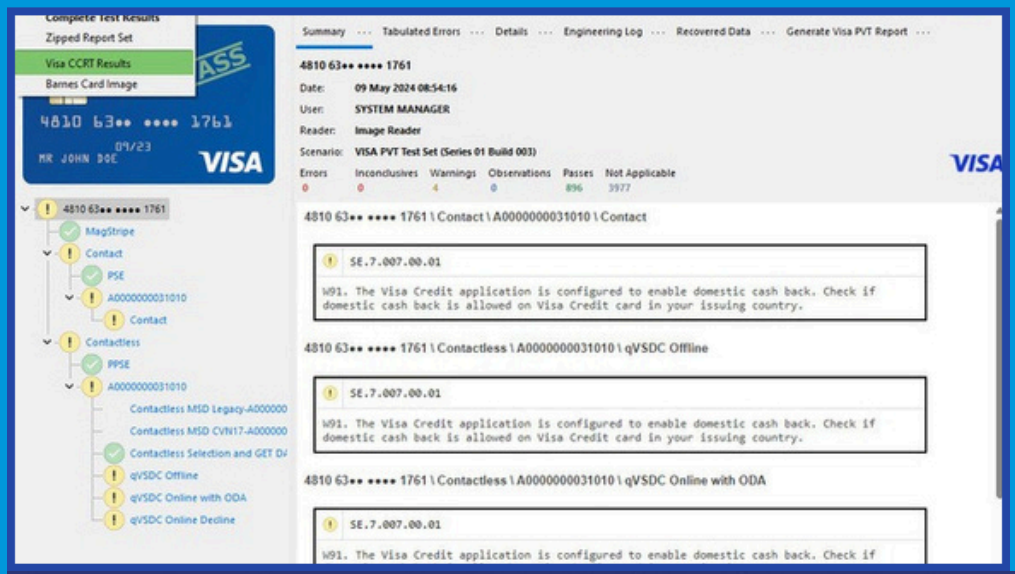
Details Tree

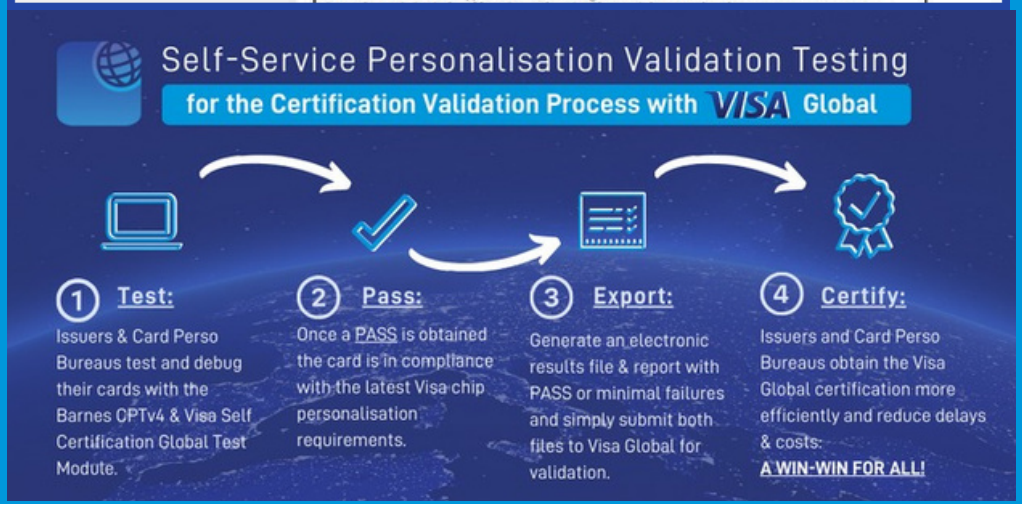


Engineering Log



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.





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