BARNES INTERNATIONAL

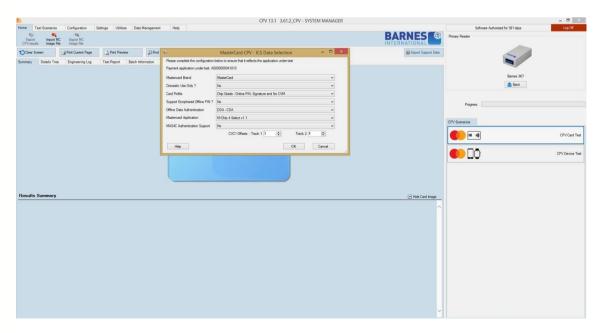## EMV Personalisation Validation Tool

Mastercard CPV 13.1 Test Module

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

To achieve Mastercard Worldwide certification Banks, Card Manufacturers, Personalisation Bureaus and Test Laboratories must ensure their cards comply with Mastercard Worldwide's latest Personalization Validation Tool Release 2019 Requirements v13.1 February 2020. Obtaining Mastercard Worldwide qualification for *M/Chip*, *M/Chip* Advance and Contactless cards and *Mobile Payment* applications prior to certification can be a timely and costly process. To reduce the risks of failure, cards can be pre-validated prior to submission to Mastercard Worldwide using the Mastercard CPV 13.1 Test Module from Barnes. Approved by Mastercard Worldwide. It contains the same detailed and rigorous tests as are used by Mastercard's certification labs globally to perform certification of cards, devices and mobiles.

Solution Overview

The Mastercard CPV 13.1 Test Module complements Barnes existing Card Validation Test Tools, the CAT3000v3 and CPT3000v3. The module runs as integrated scenarios on the CPT3000v3 and CAT3000v3 platforms and may co-exist with other modules such as Host Simulation.

ICS Selection using clear drop-down options is followed by a rapid card test generating a Results Summary.

Instant Result Summary showing a PASS, or in the case of FAIL, the Error or Observation Codes and Comments on the Mastercard CPV Tests which caused the failure. Test ID file name is created.

THE BARNES ADVANTAGE

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

Here are some reasons why:

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.

Engineering Log

Details Tree

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