

GlobalPlatform UICC Validation Test Tool GPT

New GlobalPlatform card specification v2.2 Compliance Qualified Test Tool

Do you require self-testing to gain GlobalPlatform qualified status?



Time is Money

Self-testing with the Barnes GPT will speed up your development, saving you time and thus money.

Fast

The Barnes GPT is fast, limited only by speed of card communication.

Flexible

*Choose one test or a thousand tests!
Any test strategy simply configured by the user.*

Easily Upgraded

*New tests delivered from GP?
Just cut and paste the new test suite, you're ready to go.*

Instant Test Display

Open the GP Test Suite source documentation in a single click to assist with problem resolution.

Clear Reporting

*Detailed or simple?
Have both; view the simple test report or the detailed engineering log.*

Features

Supports the functionality you need and more:

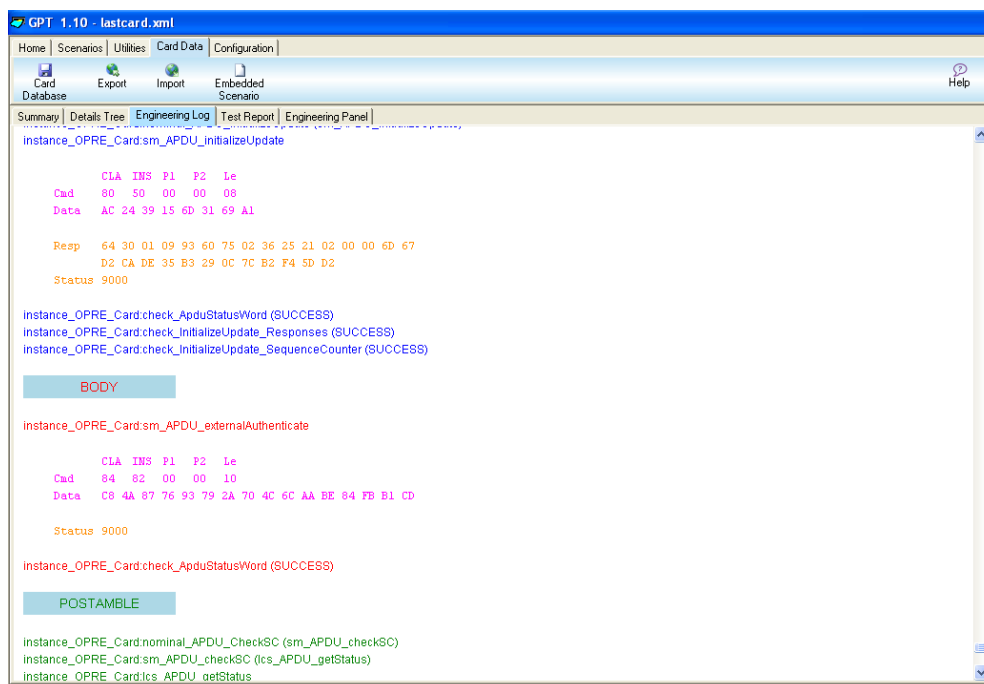
- ✔ Supports any PC/SC Reader
- ✔ User friendly
- ✔ Fast
- ✔ Sets Initial Card State
- ✔ Destructive and Non-Destructive Tests
- ✔ Flexible test strategies
- ✔ Simple Test Report
- ✔ Detailed Engineering Log (APDUs)
- ✔ Hyperlinking between displays
- ✔ GP Test Suite Display
- ✔ Dynamic run time interpretation
- ✔ Easy to upgrade
- ✔ Stop on Error
- ✔ Simple installation

Current Tests

Global Platform 2.2

UICC Configuration Version 1.0

- ✔ Secure Messaging
- ✔ Logical Channel Management
- ✔ Data Store
- ✔ Life Cycle State Management
- ✔ Key Management
- ✔ Card Content Management
- ✔ Confidential Card Content Management
- ✔ GPAPI
- ✔ SD Tree
- ✔ SD Tree Extended



```
GPT 1.10 - lastcard.xml
Home | Scenarios | Utilities | Card Data | Configuration
Card Database | Export | Import | Embedded Scenario | Help
Summary | Details Tree | Engineering Log | Test Report | Engineering Panel
instance_OPRE_Card.sm_APDU_initializeUpdate

CLA INS P1 P2 Le
Cmd 80 50 00 00 08
Data AC 24 39 15 6D 31 69 A1

Resp 64 30 01 09 93 60 75 02 36 25 21 02 00 00 6D 67
D2 CA DE 35 B3 29 0C 7C B2 F4 5D D2
Status 9000

instance_OPRE_Card.check_ApduStatusWord (SUCCESS)
instance_OPRE_Card.check_InitializeUpdate_Responses (SUCCESS)
instance_OPRE_Card.check_InitializeUpdate_SequenceCounter (SUCCESS)

BODY

instance_OPRE_Card.sm_APDU_externalAuthenticate

CLA INS P1 P2 Le
Cmd 84 82 00 00 10
Data C8 4A 87 76 93 79 2A 70 4C 6C AA BE 84 FB B1 CD

Status 9000

instance_OPRE_Card.check_ApduStatusWord (SUCCESS)

POSTAMBLE

instance_OPRE_Card.nominal_APDU_CheckSC (sm_APDU_checkSC)
instance_OPRE_Card.sm_APDU_checkSC (ics_APDU_getStatus)
instance_OPRE_Card.ics_APDU_getStatus
```

Colour Coded Engineering Log

**Barnes International is a specialist test tool supplier.
We deliver fast, accurate and reliable test tools to the market place.**

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