



FAQ Document

CPT 3000v3

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CE requirements (Europe)

The CPT/CAT 3000v3 includes a hardware module which generates uses and can radiate radio frequency energy. This equipment has been declared to conform to the following regulations:

EEC-directive 89/336/EEC: "Electromagnetic Compatibility"

*EN 50081-1 (Emission EN 55022 Class B/1994)

*EN 50082-1 (Immunity IEC 801-2, -3, -4)

*EN 61000-3-2+A12

*EN 61000-3-3

FCC Requirements (USA)

The CPT/CAT 3000v3 includes a hardware module which generates, uses and can radiate radio frequency energy. This equipment has been Tested in accordance with the procedure in ANSI C63.4 and declared to conform to the following regulations:

FCC Part 15 Class B

The operation is subject to the following two conditions:

1 This device may not cause harmful interference, and

2 This device must accept any interference received, including interference that may cause undesired operation.

The device tested is representative of subsequent units marketed; any changes to the device which could adversely affect the emission characteristics will require retest.

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1. How to look for information to solve your problem?

There are several suggestions in the FAQ document, however the key is to locate the right information you need. We suggest the following:

- First use the error messages on the summary screen and the explanation of the errors in the Report. After all you are using a Test Tool and it will report errors to you if any are found.
- Second, search the “Help” on the Barnes Tool. Please note that each tab of the stages contains a help button about that tab.
- Third use this FAQ to try and solve your problem
- Fourthly, if the information you require cannot be found, please contact support@barnestest.com

2. What information do I need to send to Barnes Support team to analyse my problem?

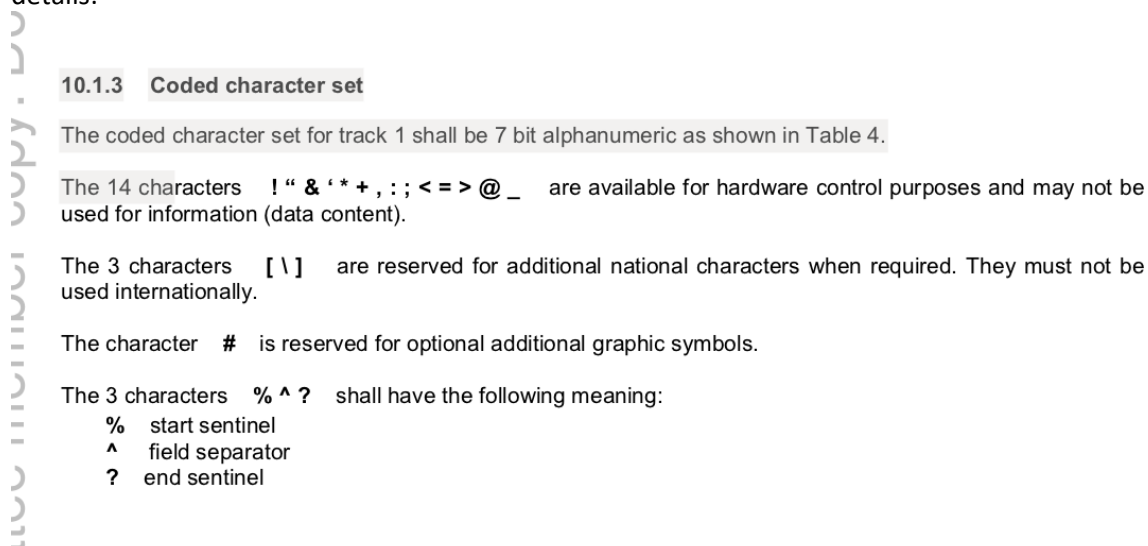
If you need help analysing a problem please send the Complete Test Results to us. You can generate this by selecting the following option

Card Data -> Export Card Data -> Complete Test Results

You can encrypt the file with a password which gives triple DES encryption of the file.

3. Why am I getting an error magnetic track contains reserved hardware control characters”?

The ISO 7811-6 2008 specification states that there are 14 characters which are prohibited from the magnetic stripe. As the cardholder name on the magnetic stripe has to be identical to that on the chip; if a forbidden character is found within the cardholder name we apply the ISO 7811-6 rules and consequently an error is reported. Please see extract below for details:



In spite of this, a number of issuers around the world have been encoding an apostrophe into the cardholder name field for some time. As far as we are aware there have been no reports of apostrophes causing technical problems with mag stripe readers in the field. Since all the payment schemes have stated categorically that they expect ISO rule to be observed so we have coded the test tool accordingly.

A magnetic stripe that contains any of the hardware control characters will raise an error, however, since the rule is not echoed by EMV in the chip data, these characters in the cardholder name on the chip will only cause a warning.

Since the apostrophe has been widely used in the past and does not appear to have caused any problems, we have given that character a different error code from the other hardware control characters. So if you wish to use error suppression to mask it while you evolve a long term solution it will not prevent the other forbidden characters from being spotted.

4. Why do the reserved characters generate an error when they are found on magnetic stripe but only a warning when in chip data?

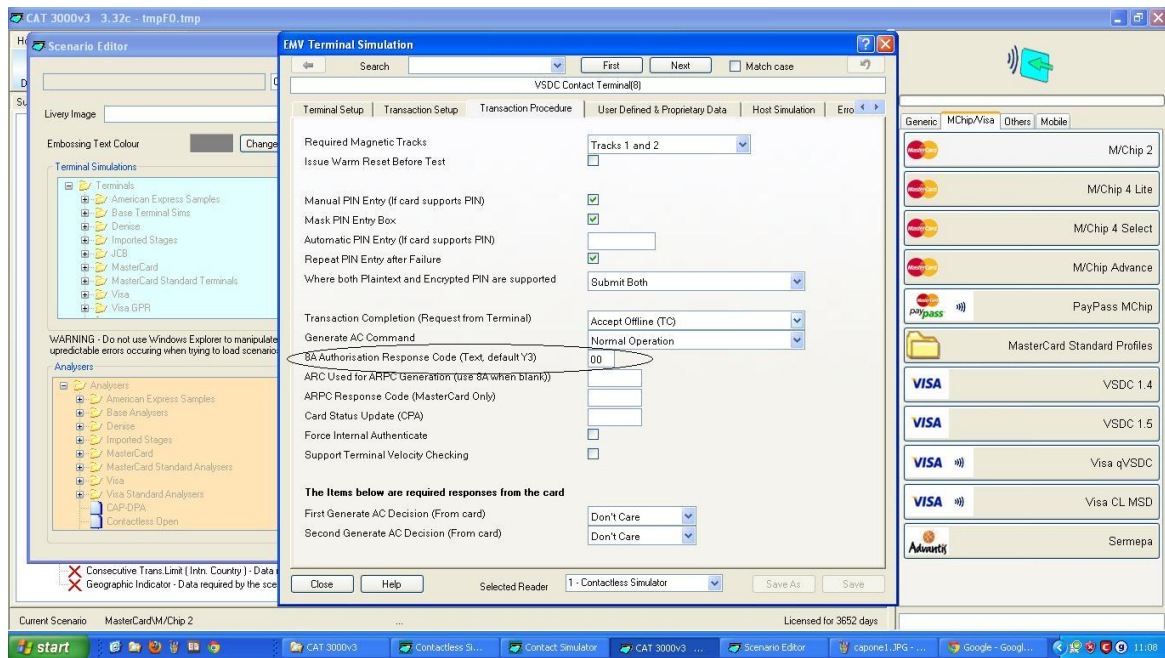
EMV allows a much bigger character set than ISO 7811 because on the chip the text is encoded in 8 bit ASCII (255 possible values), while on the mag stripe track 1 is encoded as 6 bits per character (64 possible values), some of which are allocated for start and end sentinels, separators and hardware control. EMV never refers to the mag stripe, but most of the schemes insist that the card data matches the mag stripe, which effectively limits the cardholder name field to the characters allowed on track 1.

In the CPT we issue an error if the illegal characters are found on the mag stripe and a warning if they are found in the chip, this is in addition to the mag/chip comparison check.

The only other EMV restriction is on Application Label, where the character set is limited to alpha-numeric and space so that it can be displayed and printed on any terminal anywhere in the world. This restriction is in EMV Book 3, there's no ISO involvement in this one at all.

5. I want to reset counters inside my card by performing an online transaction, I do have the HSM Simulator, but the counters are not being reset. How can I fix this?

You need to send an accept authorisation code of 00 not the default Y3. In the terminal stage on the Transaction Procedure tab put a "00" accept in the authorisation response code, Tag 8A.



Our tool is not a real terminal, it is a terminal simulator and thus it can simulate operations which may not normally take place in the real world. The scenario at the moment asks to go online with an ARQC and then asks for the transaction to take place offline Y3. Change the auth coded in the scenario and that should fix it and reset the counters inside the chip if you get a TC (hex 40) back from the card.

6. Can we add new certification authority keys to the tool?

Yes, this can be done through the dialogue

Configuration → Public keys → Import Single Key (for a single key)

OR

Configuration → Public keys → Import New Key Set (for multiple keys)

Please note that if these are standard Scheme Public Keys and you want Barnes to put these into the tool's public key file then you need to give the Public Keys to Barnes. Updates to the tool (performed using a bip file) do not overwrite or remove any keys, but will add public keys that are not already present in the public key file.

7. Same card works with one contactless reader but does not work on another contactless reader; communication is terminated. Why does this happen?

It could be a problem with the card or it could be a problem with the card talking to a specific reader. Our recommendation is to try a few different contactless readers (Saturn, Vivotech, SDI, Omnikey) and see if you get the same result on all readers. If the communication fails on one reader only, it is highly unlikely that there are any issues with the card. If the card fails on several or all contactless readers the customer should go back to the chip supplier to discuss the communication issue.

8. The P89 reader used to read my cards while I was using CPT3000v2, but why does it not work after I upgraded my software?

- This issue could be related to the longer reading procedure performed by the V3 as against V2.

- If the optional PSE is present, CPT3000v3 works faster than CPT3000v2
- If the optional PSE is not present, CPT3000v3 works slower than CPT3000v2 because it creates a complete candidate list for application selection by the user. In CPT3000v2 the candidate list selection stops at the first application that is found and does not create a complete list.
- The user needs to allow more time for the test; if a user removes the test card while the application selection is in process, the tool will stop with an error.

9. Problems logging in, setup and installation issues

There are some compatibility issues between readers, additional software requirements and OS versions:

- CPT 3.31 and later requires installation of Adobe version 9.0 or later.
- Windows 7 OS requires installation of serial to USB converter software for Magtek reader to work if serial port is not available.
- For Windows 64-bit systems, the Magtek reader needs to be set into ASCII mode and accessed via the serial port.
- To update to all the latest scripts and versions please follow the attached document: [Software Update - CPTCATv3 Update Download and Install Instructions Feb 2012.pdf](#)

10. How can I recover my scenarios and short cut selection buttons after re-installation of the tool?

- Backup before reinstallation (rename the folder "Barnes" as "Barnes_old" for example)
- Rename the old Profiles directory and shortcuts.xml to .old or something like that so as not to lose them - WHY if it's all backed up?
- Copy the whole Profiles Folder from the old CPT 3000v3 into the new CPT 3000v3. As long as the directory structure is the same it will work fine
- Also copy shortcuts.xml from the main folder c:\Barnes\CPT 3000v3 into the new version of the CPT

11. How do I get an activation code after installation?

Please send us the following on email id: authcodes@barnestest.com to receive your code.

Reference number as marked below:

New Installation Set Up

CPT/CAT 3000v3 Installation

System Location
This information will identify the system on printed and exported reports

CPV System

NB.
Before using the test tool please check that all packages and options have been installed.
Please consult the installation manual for more details.

The two part serial number provided with the Installation Package

0408 4001

Card Save Information Field Names

Card Vendor

Chip Vendor

Encoder

Product Code

Continue Cancel

Installation code as marked below

Barnes International Limited - Authorisation Screen

Software End User License Agreement

SOFTWARE LICENCE AGREEMENT PART 1
CPT, CAT and F-CPV Operating Software

This software developed by Barnes International Limited ("Barnes"), Cedar Court, 5 College Street, Petersfield, Hampshire, GU31 4AE, United Kingdom is licensed, not sold to you by Barnes and is supplied to you by either Barnes or FIME® ("FIME") for use only under the terms of this License and Barnes reserves all rights not expressly granted to you.

'Customer': The person or organisation which has purchased the Product. **The Customer agrees with this Software Licence Agreement by clicking the 'Agreed' button below to proceed with installation of the Software and by any subsequent use of the Software.** If the Customer does not agree to the terms of this Software Licence Agreement, please do not install or use the Software: return it to your supplier (Barnes or FIME as

This software needs to be authorised before first use

For a new authorisation code please e-mail the installation code displayed below to authcodes@barnestest.com.

NB. It is necessary to agree the license terms on the left when entering a valid authorisation code

Installation Code

C37E 52AE A1B8 5716 0103 6F00

Authorisation Code

Cancel Submit Authorisation Code

I agree to be bound by the terms of the above license ☐

12.I swapped my old Magtek I350 reader with a new one. However, the tool gives an error: No dongled Card reader found. What should I do?

- Check that the Magtek is connected properly and powered on; thoroughly check all cables to make sure none of them are loose.
- Ensure that the latest drivers are installed for the Magtek reader, this can be verified by checking the device settings in your computer. Note that there are no drivers with a new Magtek in ascii mode, but if a serial to USB convertor is being used; drivers for this device must be installed

- If all drivers are properly installed, check if the dongle was swapped from the old Magtek reader to the new one? Instructions for swapping the dongle are : [SIM Card removal and replacement in MagTek 350 201002.pdf](#)
- If still the tool keeps giving an error with the dongled card reader, please send the file genset.xml to support@barnestest.com for us to help you further, along with the exact screenshot of the error.

13. We purchased a license a year ago for one year period, but have never activated it. Do I need to renew it again even though we have never used it?

No, you may just install and send us the code, the license period does not start until the first usage. Thereafter it will be valid for one year.

14. Why is there no power to my reader?

Customer should first check all leads carefully and see if any are not connected properly or broken? If there seems to be no obvious problem with the leads, a replacement reader can be sent if required by a customer. Contact us at support@barnestest.com

15. Is this feature supported: Testing CVV, PVV, Issuer Scripting, Cryptogram Verification (ARQC, ARPC, TC)

Yes, the Host simulation module should be purchased. Technical sheet: [Host Simulation Technical Information Sheet - Jan 2010.pdf](#)

16. Is this feature supported: Mobile Paypass Validation

Yes, it is supported in the latest build CPT3000v3. The screens to be used for validation under host simulation are:

EMV Data Analysis

Search First Next Match case

MasterCard\PayPass Open

Data Authentication | CPA Data Sets | Visa Proprietary Data | MasterCard Proprietary Data | JCB Proprietary Data | Inter

Contact MChip | PayPass Items | Mobile Payment General | Mobile Payment CIACs | M/Chip Advance

ACK Reset Timeout (DF55)

Card Layout Description (DF47)

CVM Reset Timeout (DF4D)

Dual Tap Reset Timeout (DF4A)

Magstripe CVM Cardholder Options (DF60)

Magstripe CVM Issuer Options (DF61)

M/Chip CVM Cardholder Options (DF48)

M/Chip CVM Issuer Options (DF56)

Offline Change PIN Required (DF5F)

Warning COTA Limit (DF57)

Warning COTN Limit (DF58)

Close Help Load Data From Current Card Data Save As Save

EMV Data Analysis

Search First Next Match case

MasterCard\PayPass Open

Data Authentication | CPA Data Sets | Visa Proprietary Data | MasterCard Proprietary Data | JCB Proprietary Data | Inter

Contact MChip | PayPass Items | Mobile Payment General | Mobile Payment CIACs | M/Chip Advance

CIAC - Decline On PPMS (DF4F)

CIAC (Management) - Decline On ARQC (DF59)

CIAC (Management) - Decline On Offline Only (DF5A)

CIAC (Management) - Decline On Online Capable (DF5B)

CIAC (Management) - Go Online (DF5C)

CIAC (Payment) - Decline On ARQC (DF5D)

CIAC (Payment) - Decline On Offline Only (DF5E)

CIAC (Payment) - Decline On Online Capable (DF45)

CIAC (Payment) - Go Online (DF46)

Close Help Load Data From Current Card Data Save As Save

Full mobile testing including SWP based handset simulation is also an optional extra. Please ask support for details if interested.

17. I want to test the online transaction for a live card, what should I do?

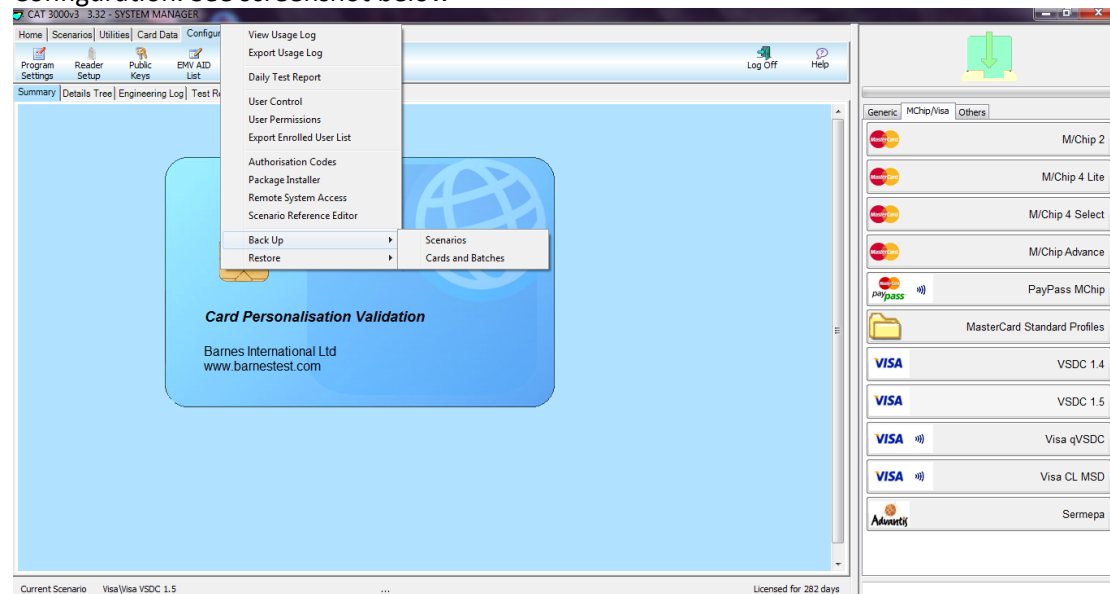
When Host Simulation is activated the test script verifies the Application Cryptogram(s) and allows the test transaction to simulate an online transaction by returning a valid ARC from a simulated host and optionally performing Issuer Script Processing. Software host simulation is only possible on test cards where the Master Derivation Keys are known and are available to be loaded onto the tool. To carry out host simulation on a live card an HSM is required. See the technical information for details: [Host Simulation Technical Information Sheet - Jan 2010.pdf](#)

18. Can I send individual APDUs to the card?

Yes, this is possible with CAT3000 “Engineering panel”. A number of short, simplified scripts, are available to assist in generating command data and to interpret the response from the card. Pre-set commands, scripts and sequences may be freely customised and stored.

19. How do I backup the test tool?

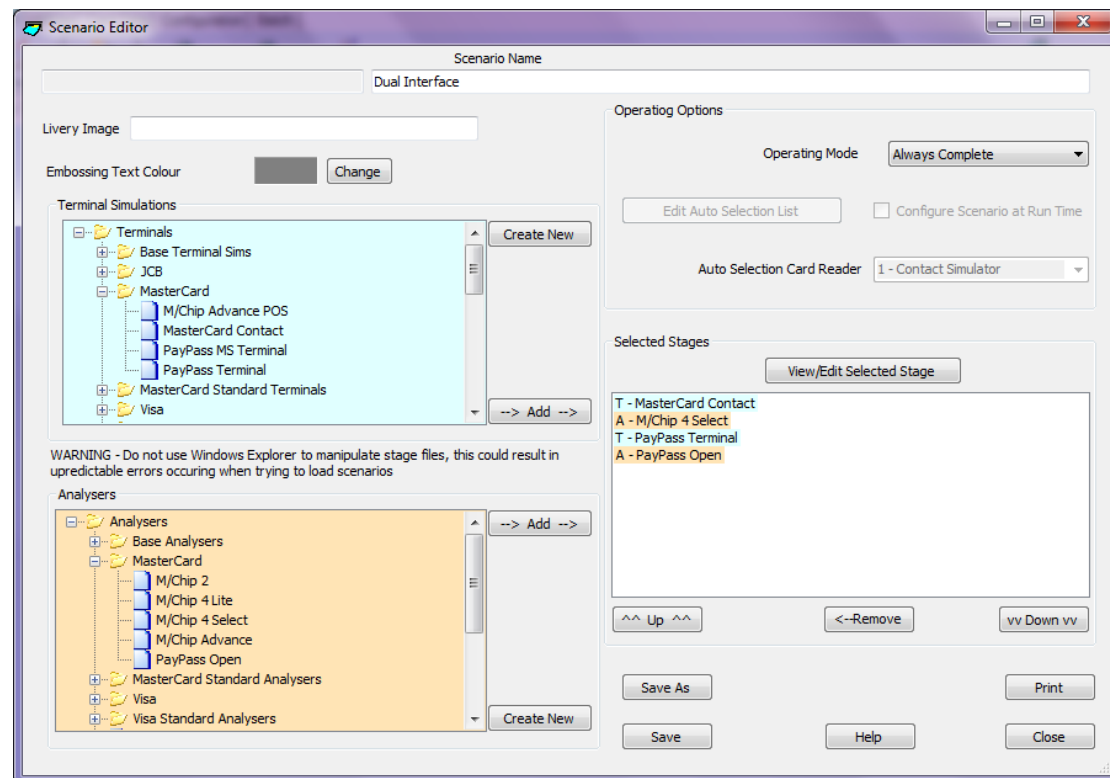
You can backup the scenarios, cards and batches from the Administration menu under Configuration. See screenshot below



They can also be restored using the menu item “restore” under “Administration”. Alternatively, if you wish to completely backup the tool, you may copy the entire directory “C:/Barnes” which contains the installed tool.

20. How do I test a dual interface card?

You may set multiple stages in the scenario being used for testing. Here is an example:



When making a dual interface scenario it's best to add the contact test first, because (except for the new Sankyo reader) the contact reader has the mag stripe capability and it is always best to have the mag stripe data available from the beginning of the test.

First Stage: Contact Terminal, setting the terminal characteristics and getting the tool to request that the card is now inserted into the Primary reader.

Second Stage: Data analyser which validates contact against EMV and the general rules for the card AID's payment scheme.

Third Stage: Contactless Terminal, setting the terminal characteristics and getting the tool to use the Alternate reader.

Fourth Stage: Contactless data analyser which validates contactless against EMV and the general contactless rules for the card AID's payment scheme.

From version 3.34 onwards you will get a new test script enabling the "Dual Interface" scenario which is even more useful as it has an additional stage "Dual Interface Compare". This ensures that the cardholder data matches between Contact and Contactless interfaces.

21. How do I transfer a pre-configured scenario from one tool to another?

A pre-configured scenario can be saved as an xml file. It can be exported and re-imported:

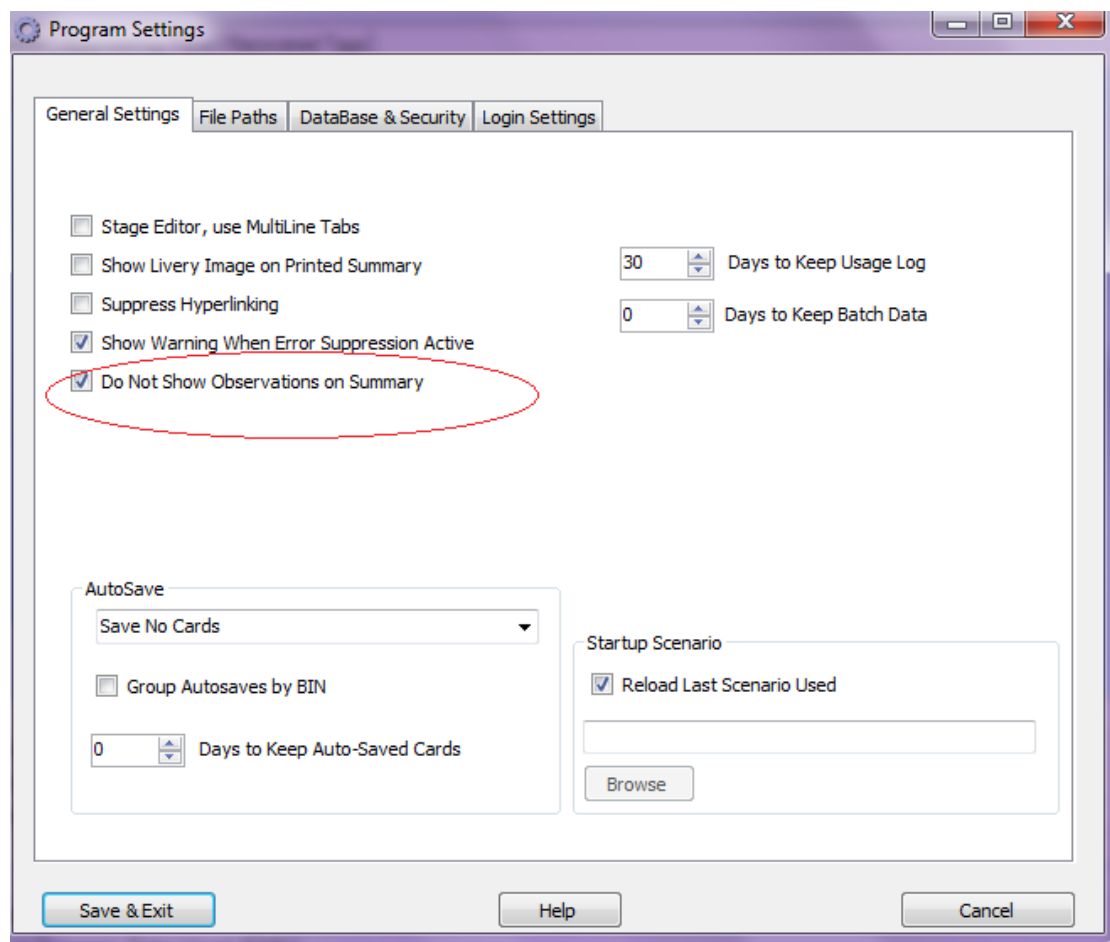
Scenarios -> Export Scenario (tool 1) to export the required scenario

Scenarios -> Import Scenario (tool 2) to import the required scenario

22. How do I suppress the Observations from the summary screen?

This can be done from the menu

Configuration -> Program Settings -> General Settings



Note: If only observations occur for a card then they will be suppressed.
If the card contains errors and observations the observations will not be suppressed.

23. When we retrieve ATR values for an EMV card using the CPT, it shows the same values for cold and warm ATR. Why?

The problem with cold and warm ATR in a CPT is that we don't have any direct control over how the reader obtains it, and the behaviour may vary from reader to reader. Essentially the reader reports the ATR that was used to establish the communications session, most of the time that will be the cold ATR, but it might sometimes be the warm ATR. It's a case of card and reader entering into negotiations and the reader telling us the outcome.

There is an option in the scenario to force a restart so that we work with the warm ATR, but we are not certain that every reader and card will do exactly as we tell it.

To do proper Cold and Warm ATR tests, as well as electrical and protocol testing for EMV Level 1, we offer the CET3000 test tool. This has much more sophisticated electronics and we have full control over the reader as it is designed and built by Barnes.

24. We are testing a new product release for Visa EMV VSDC 2.7.1. Our test system using the VSDC 1.4 profile returned as a “success”. However, Visa in their lab testing returned legitimate failures. Is VSDC 1.4 not the correct profile for this application? How would we download the same version as used by Visa?

You are using the standard VIS 1.4.1 scripts in the CPT 3000v3CL. However there is an additional module, Visa GPR which the Visa laboratory in Ashburn is using. This carries out additional certification tests which are in the Visa Global Personalization Requirements (v2.0.1). Many of these tests are not in the standard Visa scripts.

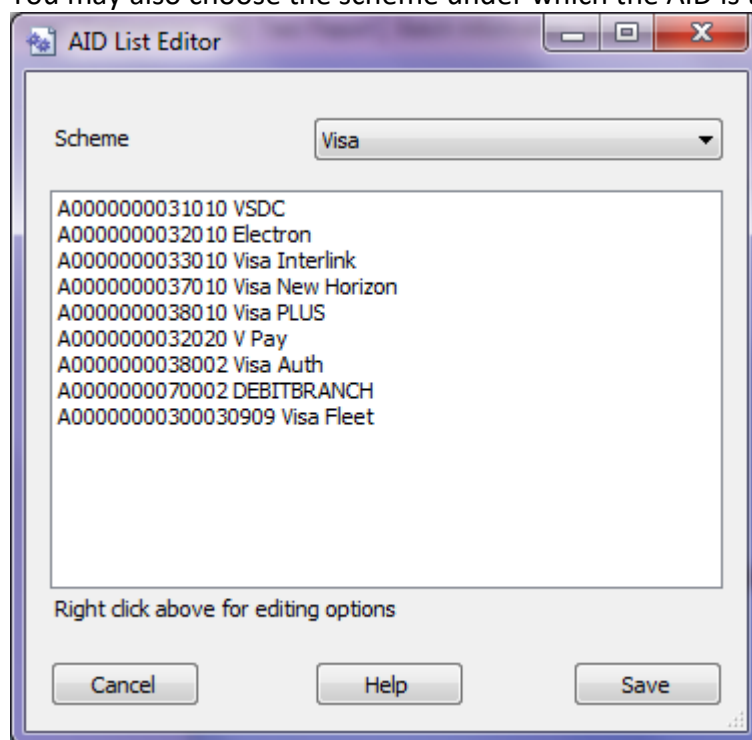
25. Why would a card pass the standard CPT test and then fail a GPR or CPV test?

Visa GPR and Mastercard CPV tests are controlled entirely by the appropriate Schemes; they take into account business requirements implied by the ICS data, payment scheme recommendations and best practice.

26. How can I test a card with an AID that is not included in the list provided by Barnes?

Please add the AID to the AID list of the tool. Configuration -> EMV AID List.

You may also choose the scheme under which the AID is to be added.



27. I have a dell Laptop with contactless reader, please help me in getting the reader to work with my Barnes tool.

You need to activate the reader in radio mode and enable the PC/SC support for the reader. Please follow the steps mentioned below:

- Open command prompt: Start->Run->cmd.exe
- Navigate to required folder in the screen shot below

```

C:\Windows\system32\cmd.exe
Volume Serial Number is 7009-1C17

Directory of C:\Program Files\Broadcom Corporation\Broadcom USH Host Components\CU\bin

11/04/2011  14:09    <DIR>          .
11/04/2011  14:09    <DIR>          ..
25/10/2010  13:27             418,696  bipdll.dll
25/10/2010  13:27             16,280  CURemoteServer.exe
25/10/2010  13:27             18,832  CUUsrIfc.dll
28/10/2010  19:05      1,035,680  HostControlService.exe
28/10/2010  19:05       36,768  HostStorageService.exe
25/10/2010  13:27             88,456  lms.dll
27/10/2010  05:06      106,392  ushradiomode64.exe
              7 File(s)      1,721,104 bytes
              2 Dir(s)   84,798,627,840 bytes free

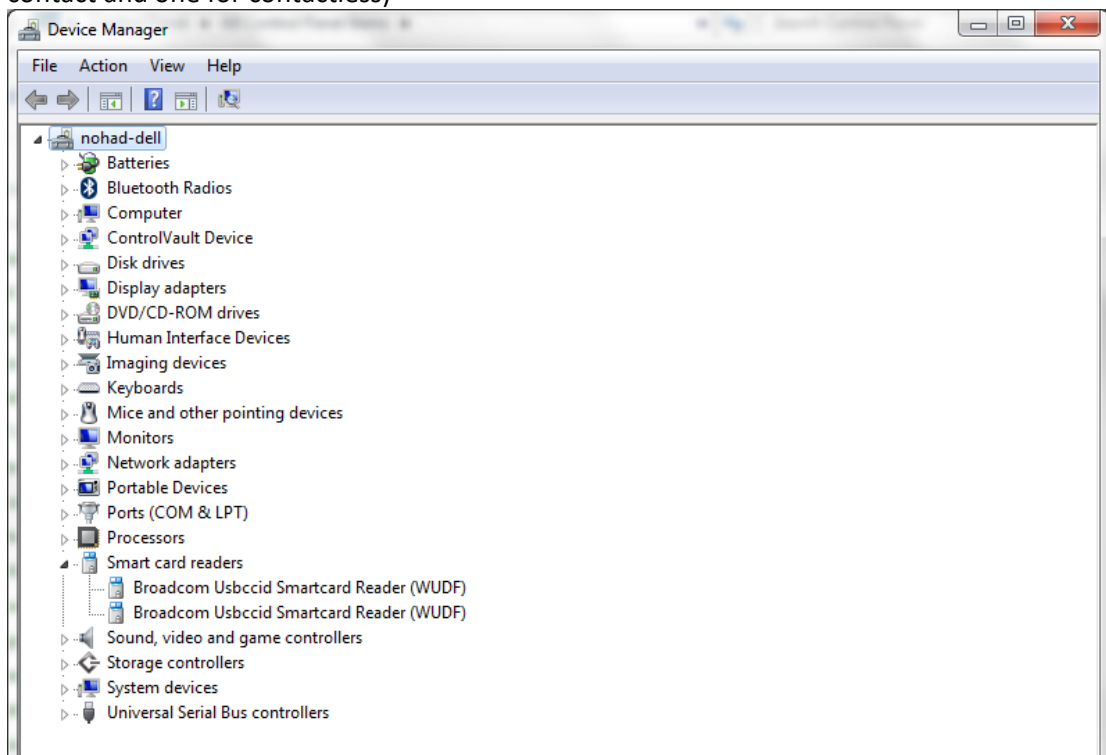
C:\Program Files\Broadcom Corporation\Broadcom USH Host Components\CU\bin>ushrad
iomode64.exe -n

ushradiomode <USH Radio Mode Utility> v1.3.0.0

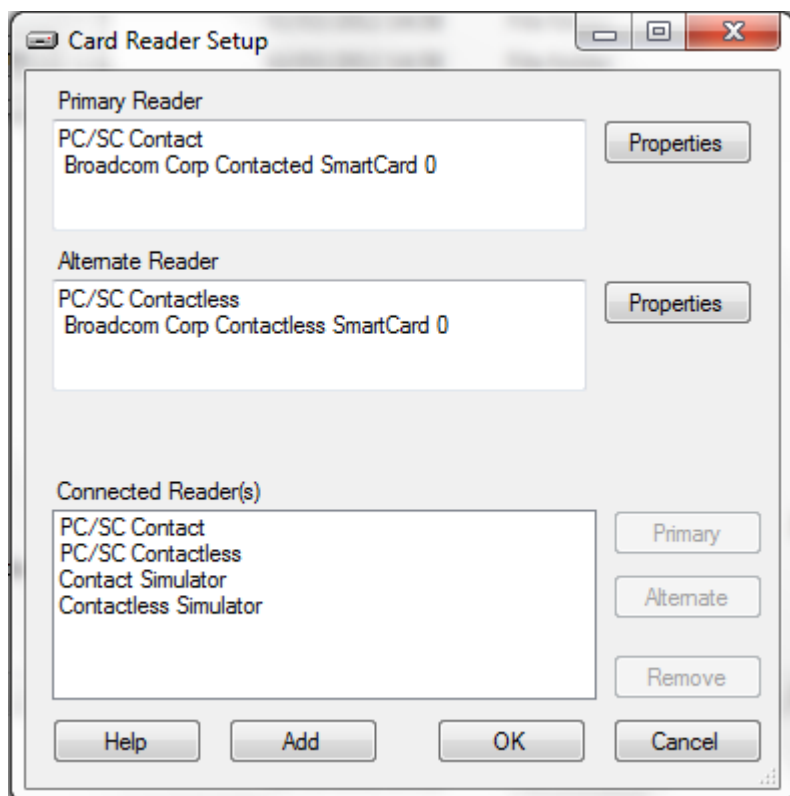
Current Radio Mode Configuration: CU Only Radio Mode
Successfully set Radio Mode configuration to Normal Radio Mode.

```

- Type command ushradiomode64.exe -n. 32 bit command will be slightly different, with 32 instead of 64. Also shown in the screenshot above.
- Check device manager for two entries in the smart card reader section (one for contact and one for contactless)



- Configure the reader on the Barnes Tool to pick up the dell contact and contactless PC/SC readers



28. We have forgotten our System Manager User password, what should we do?

Please send us the file users.xml from the CPT installation folder, we will send it back to you with a default password set in it. For security reasons all passwords are encrypted and the reset has to be performed by Barnes.

29. What do I do if I get a tcl error?

Tcl errors should not occur very often. tcl errors are reported in an error log located normally in the following folder C:\Barnes\CAT 3000v3\Log. The name of the log will include the date and time e.g. ERR_17_2_1828.txt is an error from 17th February timed at 18:28. Please send the log to Barnes.

30. How will I be informed if CPT software requires an update?

We have a mailing list for updates to the CPT 3000v3 software. If you are not already on the list, please send us your address and company details and we can add you to the mailing list. When you get the email regarding the updates full instructions on how to perform the update will be included.

31. How can I change the logo on my html and rtf report files in CPT

That image is defined in two template files in the folder: "C:/Barnes/CPT/html" (basically inside your installation directory) , one for the HTML report version that is displayed on the screen and one for the rtf report version that can be exported. The HTML version uses an image file, "logo.gif", which can easily be replaced by another image. For the rtf template the logo is embedded in the template file: "report_template.rtf", and thus this file would have to be edited with a suitable word processor. One word of warning, if

using Microsoft Word it can be difficult to see where to insert the test data, it is better to use an older, less sophisticated, word processor such as Wordpad that was installed with XP (newer versions of Wordpad installed with Windows 7 can also be difficult to use). If you run into problems while doing this, we suggest that you send us a rough sample of how you would like your report to look, and we'll edit the template file for you.

32. What is the difference between GCCPVR and GPR?

GCCPVR is the old name - VISA decided this acronym was too long and shortened it to GPR.

33. How can I test "Titanium cards" with CPT?

You can test Titanium cards with the CPT 3000v3 but you need to use a different reader as the standard motorised reader's sensor is in the wrong place for the Titanium cards. There is a manual insertion reader the MagTek 65 which will handle Titanium cards. We can supply this reader, please contact us. The dongle can be moved over from your current MagTek reader, or we can also supply a USB Dongle holder. With the USB dongle both readers can be connected to the tool but only one can be used at any one time.

34. How long does my licence last?

Licenses are issued for 1 year from the anniversary of the first installation of the software.

Typically 1 year license on a test tool installed on 1st June will expire on 1st June the following year

This licence expiry date can be checked by using Help -> About.

35. Can I have a temporary authorisation code if my licence has ran out?

A two months advance warnings will appear on the screen, it is hoped that two months is sufficient time to request a new authorization code and/or the purchase of a new license. Temporary licenses are available at the discretion of Barnes usually for 1 month to enable the use to organise payment. Once payment is received a permanent authorisation code will be issued.

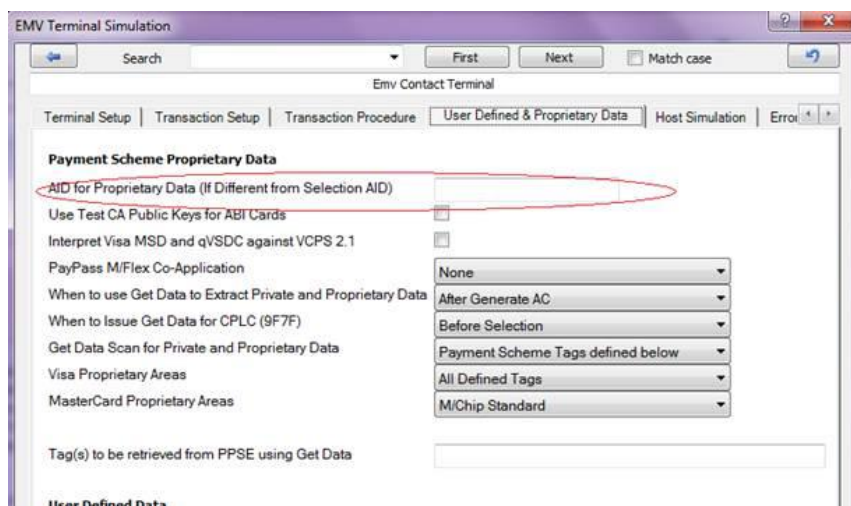
36. Does the tool have a software or hardware licence?

The license is a software license. Barnes does not licence the hardware.

37. I want to test an application against a scheme rules irrespective of the Application AID, how can I do that?

There is a facility in the scenario editor to specify a payment scheme rule set that does not comply with the application's AID.

At the top of the User Defined and Proprietary Data tab of the Terminal simulation stage is a field labelled "AID for Proprietary Data", if you enter the scheme AID in here then the application will be tested to that scheme rules regardless of the AID that was used to select the application. This includes the cryptogram check and script processing. Also see the question 40 related to the same scenario



38. I am getting missing TAGs error from Visa tests for DDA related tags, while I know that these tags are present on the card. What should I do?

The data required for DDA is only produced by the card if the transaction is accepted offline. Thus to test DDA it is necessary to make the card accept the transaction offline. GPR has two test scenarios for qVSDC, online and offline. If the card has been used a number of times and the offline counters are exceeded the card will always go online until the counters are reset. To reset the counters it will be necessary to perform an online, accepted transaction.

39. When I import CAT scenarios from old version to new version I can use them once, but get a TCL error after reopening CAT. What should I do?

- 1) Choose another scenario (EMV default) to get CAT running
- 2) Import your older scenario again
- 3) Click view/edit scenario
- 4) Click view/edit selected stage.
- 5) Check and edit them if necessary, then click Save on the stage editor dialog
- 6) Repeat the steps 4 and 5 for all stages
- 7) Finally click Save on the top level dialog

40. What is the convention used to define the position of any value within discretionary data of magnetic stripe?

CPT terminology for defining positions in the magnetic stripe discretionary data is "Zero Based Position". The zero based position in the discretionary data means that the digit immediately following the service code is position zero.

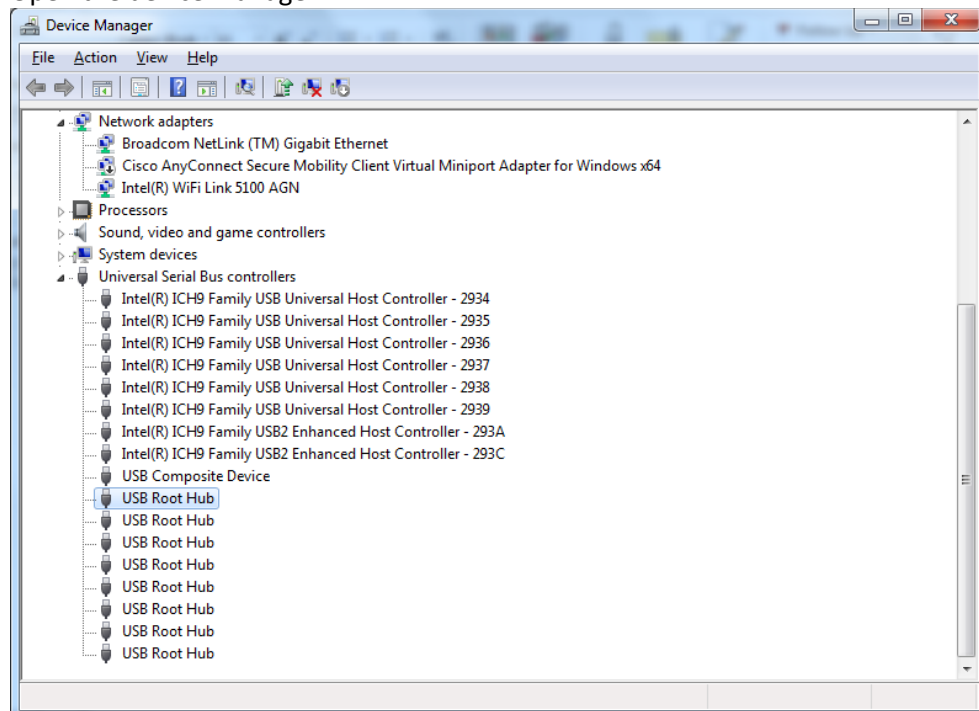
41. Issuer script commands work only with my main application but not with my secondary / ALIAS application on the card. How can I test the issuer script processing for the ALIAS application?

This happens because the secondary / ALIAS application AID is not being recognised against the scheme that you wish to test it for. (example: Amex ALIAS AID A0000000291010 is not being recognized as Amex , but rather as Link ATM AID by the CPT.) Please refer to question 39 on how to setup the AIDs so this does not happen.

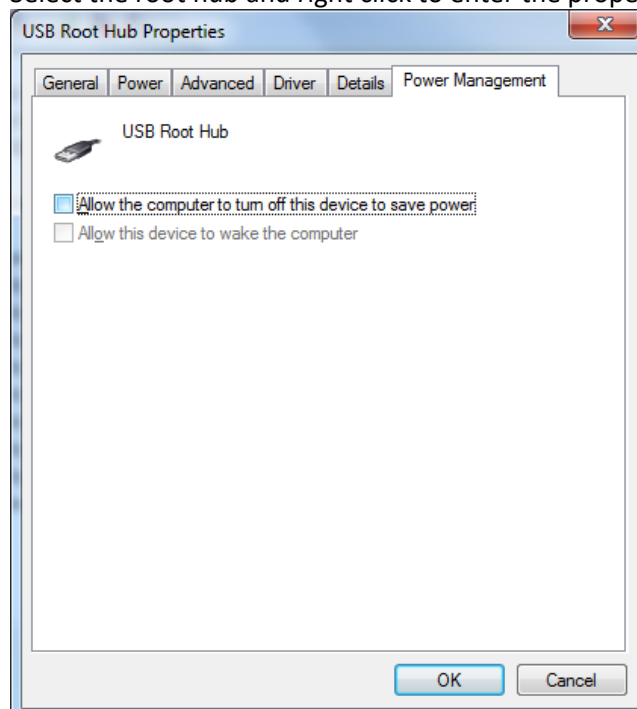
42. OTI Saturn contactless reader has to be setup every time I log off and log on to CPT, how can I fix this?

This is happening because Windows enters power save mode after every few minutes and turns the USB ports off. To prevent this,

- Open the device manager:



- Select the root hub and right click to enter the properties.

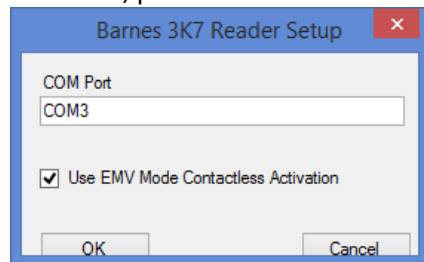


- Ensure that the computer does not allow power to be turned off to this USB port. Please do this for the related USB ports.

43. When I use Barnes 3K7 Reader, Some Contactless Card stops communicating with the tool after few commands, is there a work-around?

Some cards require the 3K7 reader to be in EMV mode. The failure of the card to respond could be because the activation method is incompatible, a small number of cards require a different setting than the default. Please try the following procedure to edit the defaults:

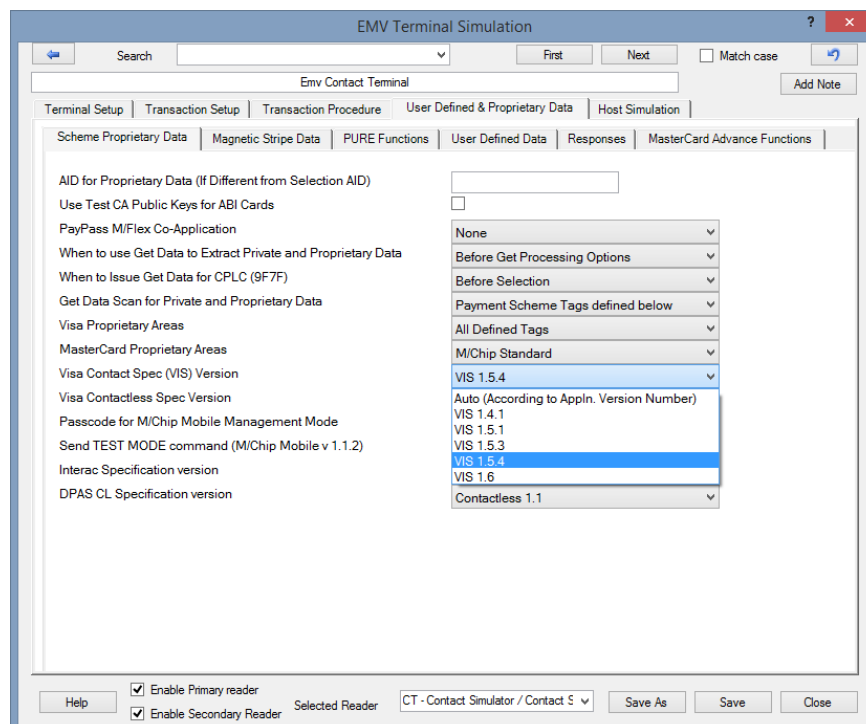
- Click on Configuration > Reader Setup
- Click on “Properties” button next to the “Contactless Reader”
- Here , please select the EMV Mode activation :



- Click OK, and then try the same card again.

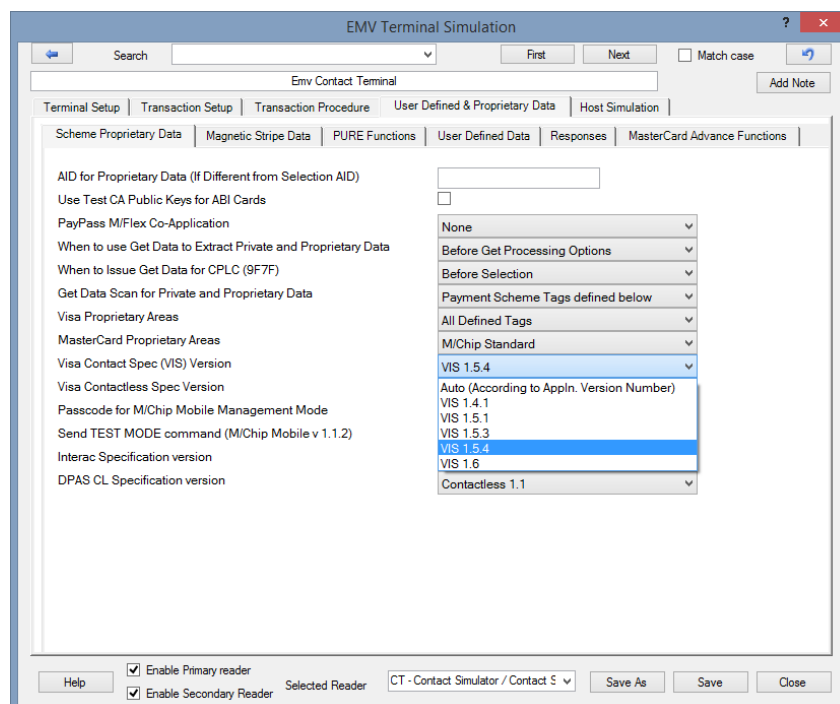
44. How do I set the versions of Mastercard Specification I want to test the card against

By default “EMV Default” scenario detects the version of Mastercard specification from the card data tag “9F7E”, however, sometimes get data commands may not be sent to the card or the data may not be retrieved for some reason, in such cases we need to set the Mastercard specification version manually to get the tool to correctly analyse the card. This can be done in the analyser:



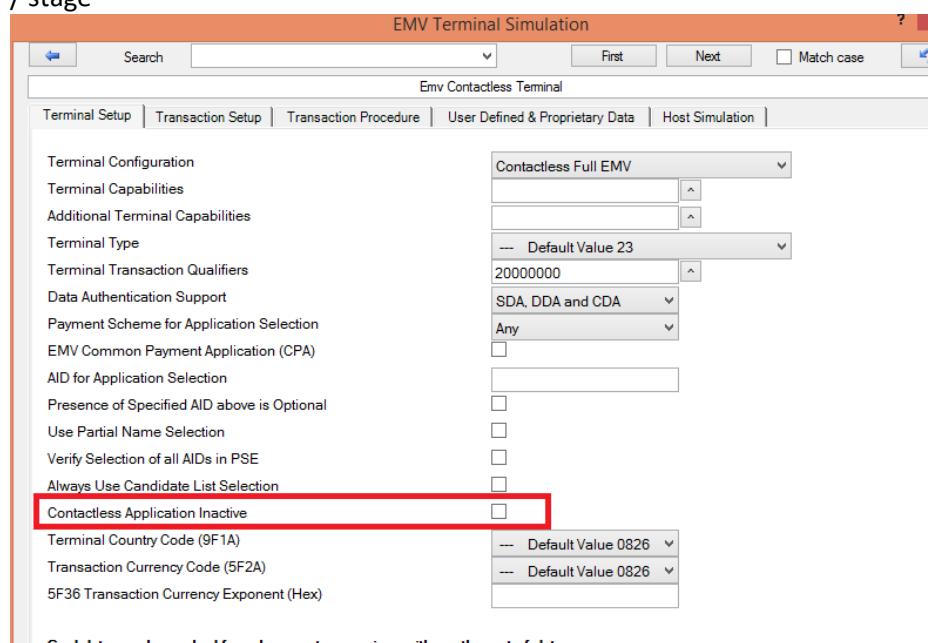
45. How do I set the versions of Visa Specification I want to test the card against

By default “EMV Default” scenario detects the version of Visa specification from the card data tag “9F08”, however, since 9F08 contents define only the major version (1.4 / 1.5 etc.) And card personalisation has to be verified against minor version as well (1.5.1, 1.5.3 etc.), user needs to select the Specification version manually. This is selected in the Terminal simulator:



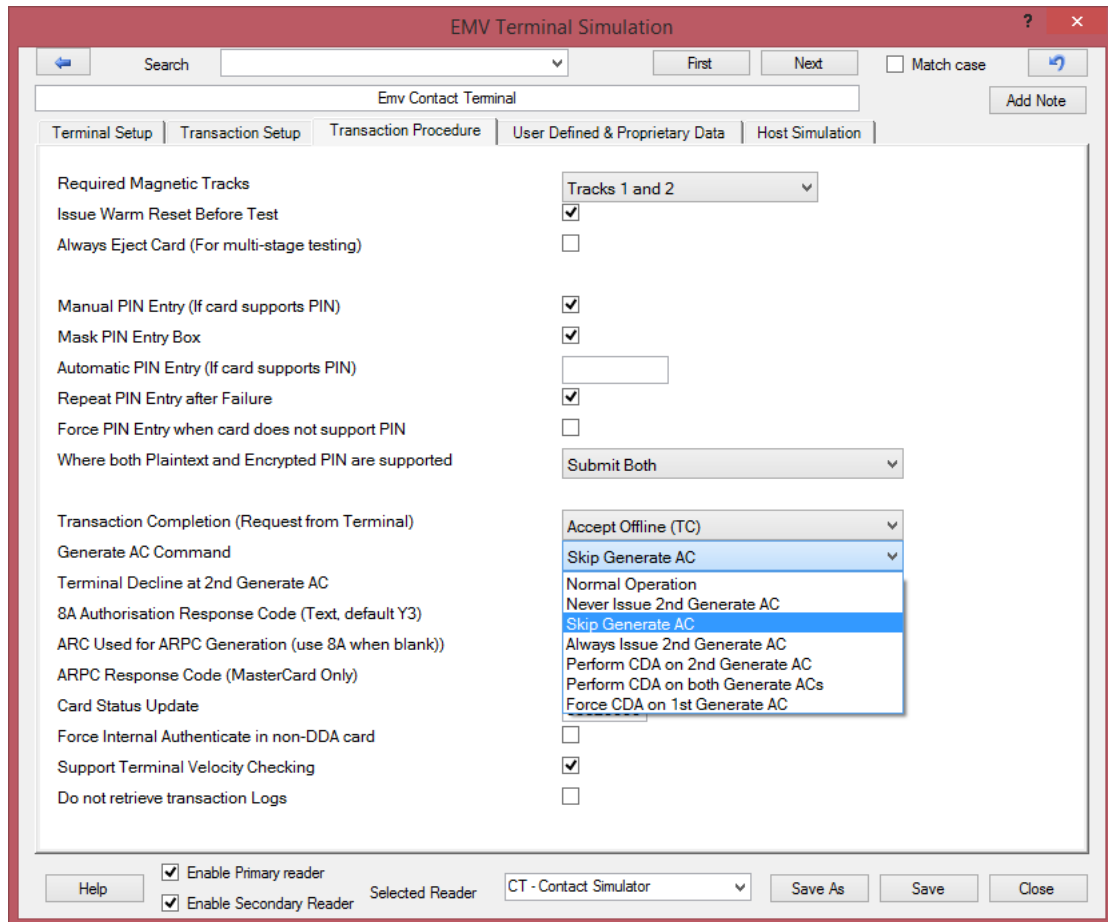
46. I need to test a dual interface card which has its contactless interface application disabled. How can I ensure that it passes a CPT Test?

Select the below marked checkbox in the Terminal simulator of the contactless scenario / stage



How this works:

- If dual interface tests are being performed, the tool reads the contact part and tests and analyses the data. If you do not wish to complete the transaction on contact interface (because some cards activate contactless interface on receipt of the first generate AC command), please disable the generate AC in the Terminal simulator as below:



- For Contactless test, if:
 - Contactless Card is active , it analyses the data , but throws an error saying the card “should not” be active
 - Contactless Card is inactive : It only selects the PSE and passes the test

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