BANK POS:

**BANK POS Message Format:**

We need message format if these transactions exist.

1. **VOID**(The message format in the message format.rtf about the VOID is Reversal not the VOID).  Another way of saying, do we need support transaction VOID?

**ANS: A VOID can be performed if a transaction is run incorrectly or a customer changes his mind after a transaction has been run. Void transactions generally need to be run on the same POS device that the sale was run on and can only be performed if the Transaction has not already been settled. If you void a transaction, the cardholder will not see the sale or the void on their card statement, it is as if the transaction never happened.**

**Please see the below table for VOID transaction.**

**The first two digits stand for the Transaction Processing Code (P3).**

|  |  |  |  |
| --- | --- | --- | --- |
| **Transaction Name** | **P3** | **MTI Value** | **VOID of Respective Transaction** |
| **Cash Advance** | **01** | **0200** | **If P3=02** |
| **Cash Advance** | **03** | **0200** | **If P4=0** |
| **Cash Deposit** | **21** | **0200** | **If P3=22 or P3=33 and P4=0** |
| **Merchandize Return** | **20** | **0200** | **If P3=22 or P3=33 and P4=0** |

**For more reference, Please see the TITP specification**

1. **Adjust**

|  |  |  |  |
| --- | --- | --- | --- |
| **Transaction Name** | **P3** | **MTI Value** | **Adjust of Respective Transaction** |
| **Purchase** | **00** | **0200** | **Adjust Purchase if P3=02 or P3=03 and P4>0** |
| **Cash Advance** | **01** | **0200** | **Adjust Cash Advance**  **If MTI=0220, P3=02 or P3=03 and P4>0** |
| **Cash Deposit** | **21** | **0200** | **Adjust Cash Deposit**  **if MTI= 0220, P3=22 or P3=33 and P4>0** |
| **Merchandize Return** | **20** | **0200** | **Adjust Merchandize Return**  **if MTI= 0220, P3=22 or P3=33 and P4>0** |

**3.     PIN Change**.

**Please find the message format in Document.**

**4.     Payment**(Please provide detail information about the payment except the message format)

**We need some more time for this message format**

**Issue**:

1.     **Settlement Rule**: We need the settlement RULE to settle with the backend. Currently we do transaction on different terminal with one Terminal ID.

So the settle will be unbalance. Please provide us a New Terminal ID and the settlement RULE. We do not have any old PS400 source code and binary about it.

**The steps of Settlement process**

1. **Lets POS is a fresh installed terminal and Batch no is new for this terminal.**
2. **At this point let us make 10 financial transactions.**
3. **Now we command POS terminal for Settlement all these transaction.**
4. **POS application will check how many transactions have done and send one by one transaction batch upload request to Host.**
5. **In this period,** 
   1. **POS will send a Settlement request with MTI=0500 and P3=92.**
   2. **After receiving response of that transaction POS will send all original valid financial transaction as batch upload request with MTI=0320 to HOST.**
   3. **Last of all POS will send another Settlement request after batch upload with MTI=0500 and P3=96.**

2.     **Logo print issue**: About this, I will inform you about the detail while we are ready for this when testing is finished

**Please update us the last status.**

3.     **Receipt print issue**: Here is our PS420 FONT Repo. Yes it has very little FONT option compare to the PS400. So if have any advice, welcome.

**ANS: Some transaction receipt has attached in this mail you can follow these.**

4.     **APP Download Issue**: We suggest download the APP by using TF(Micro SD) Card instead of Terminal To Terminal install.

 5.     **Mac is still not functional**: We found that the Card No and the PIN you gave us can pass the backend without PIN send. We are approaching the finish line now, So we need to test the MAC function and the PIN function.

**ANS: We will not introduce MAC in this phase and hope this will implement next phase.**

6.     **Settings Issue**: There is still a lot of option in the settings ui you gave us we do not understand the usage. Please make a document so we can understand it properly and do things right.

**ANS: I will provide you 25-07-2013**

7.     **Merchant ID** Necessary? If it is, please also a Merchant ID.

**ANS: If require for any transaction you can use all 0 .**

Merchant POS:

1.     We have already pack an purchase ISO8583 and test it with the current test backend. It return the invalid transaction. May be the format we`ve been given wasn`t right or the backend isn`t ready for the transaction other than BANK POS transaction. If it is possible, please give us The merchant pos relative document to us.

**ANS: Due to some technical reason our real IP has been blocked. We need till Date 24-07-2013. Hope from 25th july we can provide you our test server.**