

Kiosk Vendor Test Plan

Preamble

The purpose of distributing this document is to provide kiosk vendors with a bare minimum of tests to check the basic functionality of the integration of a kiosk with Payment Express® EFTPOS. These test scripts are not intended to be a replacement to thorough internal testing. Given the basic nature of these tests, any solution that does not pass all of them should *not* be released with integration to Payment Express® EFTPOS.

Assumptions

These tests are written under the assumption that:

1. The user will run these tests using the input / output devices that the POS Vendor anticipates will be used in the field;
2. The user has successfully completed a transaction using the Payment Express® EFTPOS Client;
3. The NII in the Setup screen of the user's EFTPOS Client is set to 997;
4. The solution is a kiosk and possible deployment scenarios have been discussed with Direct Payment Solutions;
5. The kiosk cannot run refunds, settlements or manual logons; and
6. The property EnablePrintReceipt has been set to '0' ('False') in the POS application.

Test Cards

As part of the Payment Express EFTPOS SDK, the user should have received four test cards. The details of these test cards are outlined in Table 1.

Test Card Reference #	Account	Pin	Card Number	Expiry Date
Test Card 1	Credit	1234	4999 9999 9999 9109	08/09
Test Card 2	Cheque and Credit	1234	4999 9999 9999 9108	08/09
Test Card 3	Credit	N/A	5999 9999 9999 9108	08/09
Test Card 4	Savings	1234	9999 9999 9999 9108	08/09

Objectives Summary

Kiosk Objectives

- a) The kiosk correctly identifies an approved purchase transaction
- b) The kiosk correctly identifies a declined purchase transaction
- c) The kiosk does not lose a transaction in the event of a poweroff during the transaction
- d) The kiosk does not run a transaction in the absence of a fully operational printer
- e) The kiosk does not run a transaction if the cardreader is offline

Test 1a

Objective: This test is designed to check that the kiosk correctly identifies an approved purchase transaction

Method	Results
<ol style="list-style-type: none"> 1. The user runs a purchase transaction with Test Card 1. 2. The user chooses the credit account. 3. When prompted to enter a pin, the user presses 'enter' on the PinPad. 4. The user accepts the signature. 5. The user searches for the transaction in Payline®. 	<p>Expected Results</p> <ol style="list-style-type: none"> 1. The POS will display 'Approved'; 2. The transaction recorded in Payline® will be 'Approved'; 3. Payment Express EFTPOS will print a receipt; and 4. The kiosk will complete the purchase. <hr/> <p>Deviations from Expected Results</p>

Run by (Tester): _____.

On (Date): _____.

Result (Pass/Fail): _____.

Test 1b

Objective: This test is designed to check that the kiosk correctly identifies a declined purchase transaction.

Method	Results
<ol style="list-style-type: none"> 1. The user runs a purchase transaction with Test Card 1. 2. The user selects the Savings account. 3. The user searches for the transaction in Payline®. 	<p>Expected Results</p> <ol style="list-style-type: none"> 1. The POS will display 'Declined'; 2. The transaction recorded in Payline® will be declined; 3. The transaction recorded in Payline® will be a purchase; 4. Payment Express EFTPOS will print a receipt; and 5. The kiosk will not complete the purchase. <hr/> <p>Deviations from Expected Results</p>

Run by (Tester): _____.

On (Date): _____.

Result (Pass/Fail): _____.

Test 1c

Objective: This test is designed to check that the kiosk does not lose the result of a financial transaction on powerdown.

Method	Results
<ol style="list-style-type: none"> 1. The user runs a purchase transaction with Test Card 1. 2. The user chooses the credit account. 3. When prompted to enter a pin, the user presses 'enter' on the PinPad. 4. The user forces a hard power-down of the kiosk. 5. The user restarts the kiosk. 	<p>Expected Results</p> <ol style="list-style-type: none"> 1. At startup, the solution will display the result of the transaction; 2. A receipt will be printed; and 3. If the transaction was successful, the kiosk will provide any goods and services that the customer requested.
	<p>Deviations from Expected Results</p>

Run by (Tester): _____.

On (Date): _____.

Result (Pass/Fail): _____.

Test 1d

Objective: This test is designed to check that the kiosk does not run a transaction if the printer is not working

Method	Results
<ol style="list-style-type: none"> 1. The user removes the paper from the printer. 2. The user tries to start a transaction. 	<p>Expected Results</p> <ol style="list-style-type: none"> 1. The POS will present the user with an error, which indicates that something has gone wrong with the printer; 2. The transaction will not be processed. <hr/> <p>Deviations from Expected Results</p>

Run by (Tester): _____.

On (Date): _____.

Result (Pass/Fail): _____.

Test 1e

Objective: This test is designed to check that the kiosk does not run a transaction if the card reader is offline

Method	Results
<ol style="list-style-type: none">1. The user unplugs the card reader.2. The user tries to start a transaction.	<p>Expected Results</p> <ol style="list-style-type: none">1. The POS will present the user with an error, which indicates that the card reader is unavailable;2. The transaction will not be processed.
	<p>Deviations from Expected Results</p>

Run by (Tester): _____.

On (Date): _____.

Result (Pass/Fail): _____.

DPS Integration Testing Request Form

After DPS receive this form, they will book the earliest available window to test your POS, and inform the contacts provided below. If the Point of Sale has not been provided by this date, or if any of the information below proves to be inadequate to the extent that testing cannot continue on that day, the testing will be rescheduled on that day to the earliest available window.

POS Name:		POS Version:	Supported Operating Systems:																		
Features Please tick the box next to each feature your Point of Sale takes advantage of		EFTPOS Access Please write the name of every screen on which an EFTPOS transaction may be run with your Point of Sale. DPS' QA team will run some exploratory testing to make sure any omissions found, but makes no guarantee of testing any screen not listed here.																			
<table border="1"> <tr><td>Purchase transaction</td><td><input type="checkbox"/></td></tr> <tr><td>Refund Transaction</td><td><input type="checkbox"/></td></tr> <tr><td>Tip Transaction</td><td><input type="checkbox"/></td></tr> <tr><td>Hospitality Transaction</td><td><input type="checkbox"/></td></tr> <tr><td>End of Day Settlement</td><td><input type="checkbox"/></td></tr> <tr><td>Merchant Logon</td><td><input type="checkbox"/></td></tr> <tr><td>Electronic Offline Voucher</td><td><input type="checkbox"/></td></tr> <tr><td>Fly Buys</td><td><input type="checkbox"/></td></tr> <tr><td>Dynamic Currency Conversion</td><td><input type="checkbox"/></td></tr> </table>		Purchase transaction	<input type="checkbox"/>	Refund Transaction	<input type="checkbox"/>	Tip Transaction	<input type="checkbox"/>	Hospitality Transaction	<input type="checkbox"/>	End of Day Settlement	<input type="checkbox"/>	Merchant Logon	<input type="checkbox"/>	Electronic Offline Voucher	<input type="checkbox"/>	Fly Buys	<input type="checkbox"/>	Dynamic Currency Conversion	<input type="checkbox"/>		
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Technical Contacts Please provide details of one or two people who DPS' QA team can contact regarding any issues uncovered during testing		Security Information Please provide any usernames and passwords DPS' QA team may require during testing.																			
Contact One Name _____ Phone _____ Email _____	Contact Two Name _____ Phone _____ Email _____	Notes:																			
I / we declare that DPS will be notified of any relevant changes made to the point of sale as provided for integration testing before it is released or updated																					
Trading Name:		Name:	Position:																		
Date:		Signature:																			