

1. Integration Setup

Swipez Integration Kit Consists of:

1. **Pay page** :Pay file (pay.html) is a sample file, from where you can get the necessary information from your customer. Also, the page can be customized at your end per your website requirement & platform.

Account Details	
*Account Id	<input type="text"/>
*Return Url	<input type="text" value="http://yourdomain.com/response.php"/>
Transaction Details	
*Reference No	<input type="text"/>
*Sale Amount	<input type="text"/> INR
*Description	<input type="text"/>
Billing Address	
*Name	<input type="text"/>
*Address	<input type="text"/>
*City	<input type="text"/>
*State/Province	<input type="text"/>
*ZIP/Postal Code	<input type="text"/>
*Email	<input type="text"/>
*Mobile	<input type="text"/>
Udf1	<input type="text"/>
Udf2	<input type="text"/>
Udf3	<input type="text"/>
Udf4	<input type="text"/>
Udf5	<input type="text"/>
<input type="button" value="Submit"/> <input type="button" value="Reset"/>	
*DENOTES <u>mandatory fields</u>	

I. Merchant Inputs

This page posts data to Swipez Server. This action will happen when the customer want to Pay through the merchant shopping cart. This establishes his identity with Swipez.

Parameter	Description	Type	Min	Max	-
account_id	Your Account ID given by swipez	char	10	10	Required
reference_no	Your Reference Number	Char	1	20	Required
amount	Total Sale Amount	Decimal	1	14,2	Required
description	Detail description of the sale	Char	1	255	Required
return_url	This is the url you want Payment gateway to return back after transaction is successful.	Char	1	255	Required
name	Customer billing Name.	Char	1	128	Required
address	Customer billing address.	Char	1	255	Required
city	Customer billing city.	Char	1	32	Required
state	Customer billing state.	Char	1	32	Required
postal_code	Customer billing postal code.	Char	1	10	Required
mobile	Customer billing phone.	Char	5	20	Required
email	Customer billing email.	Char	1	100	Required
Udf1	User defined field 1.	Char	0	45	Optional
Udf2	User defined field 2.	Char	0	45	Optional
Udf3	User defined field 3.	Char	0	45	Optional
Udf4	User defined field 4.	Char	0	45	Optional
Udf5	User defined field 5.	Char	0	45	Optional
Secure_hash	Encrypted key for security	Char	-	-	Required

Description of above fields and possible errors

1. ACCOUNT ID:

Swipez account id is a 10 char value given by Swipez. Swipez Account ID is a unique value generated by Swipez to distinguish between different merchants.

Account id is mandatory and must be passed to the Swipez Server and can be passed as a hidden parameter from the Merchant end.

POSSIBLE ERRORS AND ITS DESCRIPTION:

INVALID Account Id Error - Check for the Account Id in the Secure page and also make sure that the name of the parameters are same as in the pay file of the integration kit, if you have customized your own pay page. In addition check, whether you have "submitted" the page to Swipez server using POST method.

2. RETURN URL:

Merchants are facilitated with the details of the transaction like Success/Failure, Payment Id, ME reference

number, Amount of the transaction, Mode, Billing and Shipping Address through the

Return URL specified in the payment page. This URL is where the customer's browser is returned after completing the payment.

STANDARD FORMAT OF RETURN URL:

<http://www.yourdomainname.com/response.extension>

Note: “.extension” represents the extension based on platform you are working.

The minimum limit is 1 and the maximum limit is 255 characters.

POSSIBLE ERRORS AND ITS DESCRIPTION:

- i. *RETURN URL IS TOO SHORT OR EMPTY error - check if the return URL is empty.*
- ii. *RETURN URL IS TOO LONG error - if the return URL parameter exceeds the maximum limit of 255 characters, this error occurs.*
- iii. *PAGE NOT FOUND error after completing the transaction in secure payment page - Response file is not in the location specified in your “Return URL” parameter (in pay page).*
- iv. *Response from Swipez is in POST format after .*

NOTE: Account ID, MODE and RETURN URL are mandatory and must be passed to the Swipez Server and can be passed as a hidden parameter from the Merchant end.

3. REFERENCE NUMBER:

Reference number is a parameter through which merchant can pass the value of either numeric or alphanumeric, to identify the transaction. The maximum and minimum length of the characters is 20 and 1.

NOTE: This field can be used as product id, order id etc.

POSSIBLE ERRORS AND ITS DESCRIPTION:

Reference Number is too short or too empty error – Check the minimum and maximum limit as mentioned above.

4. SALE AMOUNT:

The Sale amount is mandatory and needs to be passed to the EBS Server. The sale amount is the price of the product offered for sale by the merchant.

The minimum limit is 1 and the maximum limit is 14,2.

POSSIBLE ERRORS AND ITS DESCRIPTION:

- i. *Amount is not a number Error - If the Amount is not in number format you will get this error. The amount parameter should consist of digits only.*

For example: '100' is valid and 'Rs.100 or INR 100 etc are invalid.

- ii. *Amount is too long Error - Amount parameter's maximum limit is 14 digits. If this exceeds, this error occurs.*

Amount is too short or empty Error - Amount is empty. The amount field is one of the mandatory parameter.

5. DESCRIPTION:

The description is the display of the properties of the product offered for sale by the merchant. The minimum limit is 1 and the maximum limit is 255 characters.

POSSIBLE ERRORS AND ITS DESCRIPTION:

- i. *Description is too short or empty Error - Description parameter is one of the mandatory parameter and so it should not be empty.*
- ii. *Description is too long Error - Description parameter's maximum limit is 255 characters, if this exceeds you will get this error.*
- iii. *this exceeds you will get this error.*

6. BILLING ADDRESS:

The name, address, city, state, zip code, country, email and telephone are mandatory and needs to be passed to the EBS Server. The Billing address details must not be hard coded in the merchant website and passed to the EBS Server.

POSSIBLE ERRORS AND ITS DESCRIPTION:

- i. **Name is too short or empty Error** - Name is one of the mandatory parameter and so it should not be empty.
- ii. **Name is too long Error** - Name parameter's maximum limit is 128 characters, if this exceeds you will get this error.
- iii. **Address is too short or empty Error** - Address parameter is one of the mandatory parameter and so it cannot be empty.
- iv. **Address is too long Error** - Address parameter's maximum limit is 255 characters; if the count exceeds the limit you will get this error.
- v. **City is too short or empty Error** - City is one of the mandatory parameter, so it should not be empty.
- vi. **City is too long Error** - City parameter's maximum limit is 32 characters, if it exceeds the count you will get this error.

- vii. **State is too short or empty Error** - State is one of the mandatory parameter and it should not be empty.
- viii. **State is too long Error** - State parameter's maximum limit is 32 characters, if it exceeds this error will occur.
- ix. **Postal code is too long Error** - Postal Code parameter's maximum limit is 10 characters, if this exceeds the limit you will get this error.
- x. **Email is too short or empty Error** - Email is one of the mandatory parameter, so it cannot be empty
- xi. **Email is not valid email Error** - Email is not in the valid format (you@yourdomain.com)
- xii. **Email is too long Error** - Email parameters maximum limit is 100 characters, this exceeds, and you will receive the above error.
- xiii. **Phone is too short or empty Error** - Phone is one of the mandatory parameter and its minimum limit is 5 digits. If this is empty or less than 5 digits, the above error will occur.
- xiv. **Phone is too long Error** - Phone parameters maximum limit is 20 characters; this exceeds, and you will receive this error.

9. BILLING ADDRESS:

The Name, address, city, state and telephone in the delivery address are mandatory and need to be passed to the payment gateway server.

For non tangible goods, the delivery address can be kept as a hidden field and the values can be taken from the client input in the billing address and passed to the payment gateway server from the merchant end.

9. SECUREHASH:

1 . Secure Hash Validation

To validate the payment request using Secure Hash, Merchant need to Enable the Secure Hash Validation option in the merchant Backend under Account->Settings: Request Preference.

Note: If this option is ENABLED, Merchant needs to generate Secure Hash and pass this value along with other payment request Parameters Name for Secure Hash is "secure_hash"

SecureHashGeneration :

secure_hash=Xwaysecret_key|account_id|amount|reference_no|return_url

Example codes to generate secure hash :

PHP :

```
$string = "$XwaySecretKey|$account_id|$amount|$reference_no|$return_url ";  
$secure_hash = md5($string);
```

RESPONSE

2. Response Page : After the transaction, response page is used to retrieve all the DRparameter values. Return_urlparam value points to the response file. The value for this parameter should be in the following format,

Format: <http://www.yourdomainname.com/response.extension>

Response	
Transaction Details	
transaction_id	X000000008
bank_ref_no	422545855454545454
reference_no	11002254
mode	CC
status	success
date	2016-05-20 15:19:32
message	Transaction successful
merchant_email	xyz@abc.com
company_name	ABC PVT
billing_name	xxxxx xxxx
billing_email	abc@xyz.com
billing_mobile	xxxxxxxxxxx
billing_address	xxxx , xxx, xxxxx, xxxx
billing_city	xxxxx
billing_state	xxxxx
billing_postal_code	xxxxxx
udf1	xxxxx
udf2	xxxxx
udf3	xxxxx
udf4	xxxxx
udf5	xxxxx

III. Return URL or Output

The response values will be retrieved through return URL parameter values listed below. The response given back using POST method.

The Return URL has to be in the following format to receive the response from Swipez server

S.No	Parameter	Description
1	transaction_id	For that particular payment a id will be created for our reference.
2	Bank_ref_no	Bank reference number generated by payment gateway.
3	Reference_no	Merchants reference number.
4	mode	Mode of payment.
5	status	Payment transaction status either "success" or "failed".
6	date	Payment date.
7	amount	Transaction Amount.
8	message	Transaction message.
9	merchant_email	Merchant email address.
10	company_name	Merchant company name.
11	billing_name	Customer billing name.
12	billing_email	Customer billing email.
13	billing_mobile	Customer billing mobile.
14	billing_address	Customer billing address.[
15	billing_city	Customer billing city.
16	billing_state	Customer billing state.
17	billing_postal_code	Customer billing postal code.
18	udf1	Udf1 value.
19	udf2	Udf2 value.
20	udf3	Udf3 value.
21	udf4	Udf4 value.
22	udf5	Udf5 value.

Note:

Check the **Status** for the transaction from the Swipez. This is the most important result field and indicates the status of the transaction. If the **Status** doesn't exist, this is an error occurred during the transaction. The **message** is appropriate description for the **Status**.

If the **Status** is 'success' the transaction is successful.

If the **Status** is not 'failed' the transaction has been declined or an error condition as detected, such as the customer typed an invalid card number.

Recommended validation in the response file to avoid duplication of records in your backend

- i. Pass your order id in the reference_no parameter and in response file, check whether

reference_no and your order id matches.

ii. Check the amount of the order and the "amount" parameter in the response is equal

If both the conditions results as true, insert order in your back end, which nullifies the duplications.

Session Time Out: - 15 minutes