

Payment Gateway

Merchant Integration Guide

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Payment Gateway – Merchant Integration Guide

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Revision History

Version	Date	Revisions
0.1	2011-04-08	Initial document draft.
0.1.1	2011-07-01	Corrected expected successful Response Code. Set maximum lengths for request and response fields. Added language-specific notes in the computation of the transaction key.
0.2	2011-07-04	Replaced responseCode with referenceCode in Response Message. Added test URL.

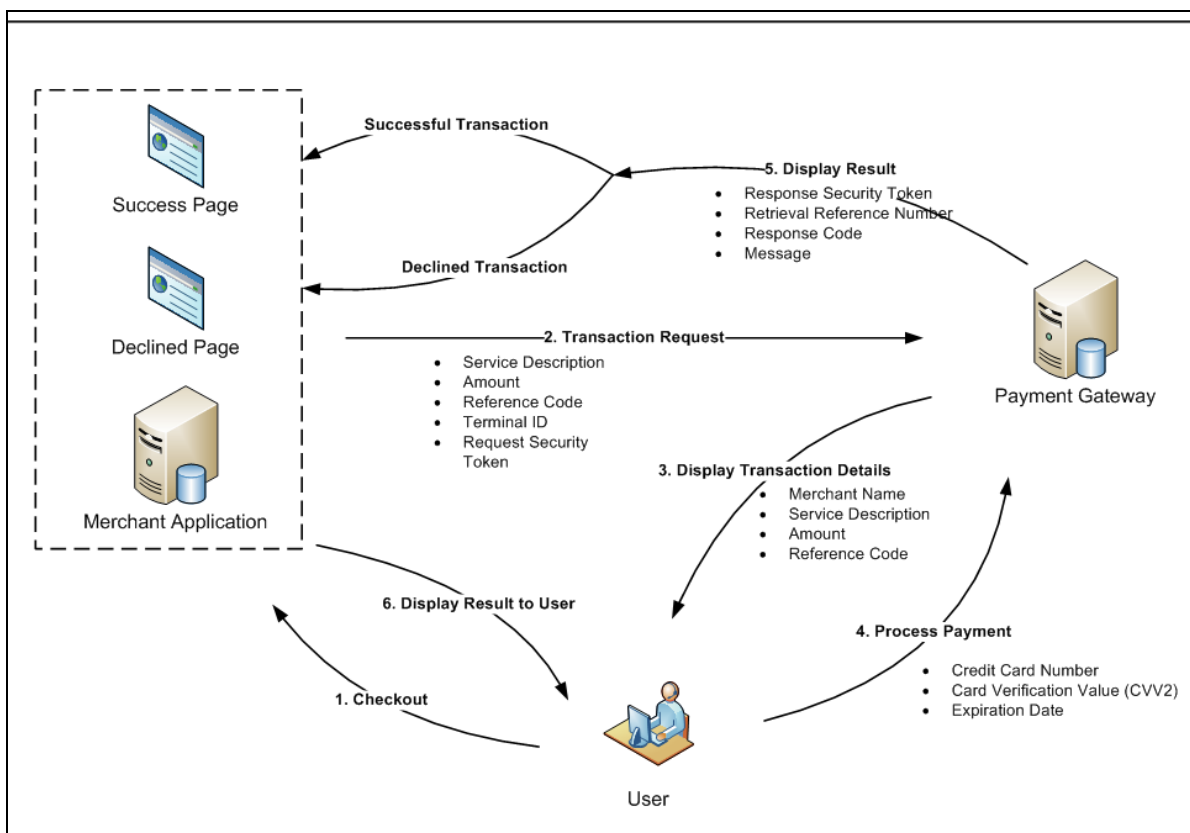
Introduction

Welcome to the Payment Gateway – Merchant Integration Guide.

1. Credit Card Payment


Currently, the Payment Gateway only accepts VISA cards.

1.1. Normal Process Flow



1. Customer selects **Credit Card** as Payment Mode in Checkout.
2. Merchant Site sends a Transaction Request to the Payment Gateway.
3. Payment Gateway displays the following page showing the transaction details and a form for the credit card details:

Pay for the New Passport



You've requested to pay for New Passport, with the following details:

Amount:

Reference Code:

To proceed, please enter the following details:

Primary Account Number:

CW2:

Expiry Date (MM/YYYY):

☐ I want to receive an email receipt. My email address is:

Confirm Payment

4. Customer enters his/her credit card details, and then clicks **Confirm Payment**. If the customer provides an email address, he/she will receive a copy of the transaction receipt.
5. Payment Gateway redirects to the Merchant's Success or Declined URL, depending on the transaction result.

1.2. Request Parameters

Using HTTP Post or Get, the merchant site has to provide the Payment Gateway with the parameters it requires to process a transaction's payment. You will be provided with your own Terminal ID and Transaction Key after completing the merchant agreement.

Name	Data Type	Required?	Description
terminalID	Text (15)	Yes	Merchant's Terminal ID as provided by the Payment Gateway
referenceCode	Text (40)	Yes	Merchant's Reference Code
amount	Number (12, 2)	Yes	Transaction amount. Format: XXXXXXXXXX.XX

serviceType	Text (100)	Yes	Transaction description to be shown on the Payment screen.
securityToken	Text	Yes	Request Security Token To create this, get the SHA-1 digest ¹ of: terminalID +referenceCode + transactionKey

1.3. Response Parameters

From the payment page, Payment Gateway redirects to the merchant site, depending on whether the transaction was successful or not. The parameters are:

Name	Data Type	Required?	Description
referenceCode	Text (40)	Yes	The original Reference Code.
retrievalReferenceCode	Text (15)	No	Transaction's Retrieval Reference Number (RRN). This will only be available for a successful transaction.
securityToken	Text	Yes	Response Security Token To create this, get the SHA-1 digest ² of: token + transactionKey where <i>token</i> is the Request Security Token.
message	Text (100)	No	Transaction result description.

1.4. URLs

PRODUCTION URL:

TEST URL: <http://202.60.9.80:8888/ApolloPaymentHost/transaction/verify>

¹ For PHP, the actual value of the transaction key to use in the hash is: "{" + transactionKey + "}"

² See 1

