



PayDollar PayGate

Merchant API Integration Guide for

Online Void/Refund

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Revision History

Revision	Date	Revision Description
1.0	August 06,2006	First Issue
1.1	November 08,2013	Update testing platform URL
1.2	August 25, 2014	Update wording of response status from "Refunded" to "OnlineRefunded"

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1. Overview

1.1 Introduction

This technical specification document prescribes the constituent parts of specification for integration of an e-commerce web site with **PayDollar e-Commerce Service**, the on-line payment service by AsiaPay (HK) Limited, by subscribed merchants of the service. This document has been created to ensure that all technical specifications contain sufficient information to enable a merchant to design and modify the codes of an existing on-line shopping architecture or software to cater for the payment –enabling service. It also provides a checklist to enable the reviewers of specifications to conduct tests on the functionalities of the integration.

1.2 Integration Procedures

To connect to our system, you need to post the required parameters by HTML form posting to our merchant API web page and then get back the processing result from that page. You can implement it by server-side html post.

URL of Testing Platform:

<https://test.paydollar.com/b2cDemo/eng/merchant/api/onlineApi.jsp>

URL of Production Platform:

<https://www.paydollar.com/b2c2/eng/merchant/api/onlineApi.jsp>

2. Function of Merchant API

2.1 Void / Online Refund or Partial Refund

The aim of this function is to void / refund / partial refund the payment online according to its order status.

2.1.1 Definition of Parameters in the Integration Page

Input /Return	Parameters (Required Fields are in Bold typeface) (Case Sensitive)	Data Type	Expected Value	Descriptions
Input	merchantId	Number		The merchant ID we provide to you
	loginId	Text (30)		The loginId of using merchant API
	password	Text (15)		The password of using merchant API
	actionType		"OnlineReversal"	The action type
	payRef	Text (35)		Payment Reference Number
	amount	Number		The requested amount to be refund (up to 2 decimal place) - Optional for Void transaction
Return	resultCode	Number	{"0", "-1"}	0 - Request done successfully -1 – Request failed
	orderStatus	Text(20)		The new order status after successfully request
	ref	Text		Merchant's Order Reference Number
	payRef	Number		PayDollar transaction reference
	amt	Number (15,5)		Processed Amount
	cur	Number (3)		Transaction Currency e.g. 344 – HKD
	errMsg	Text		Result / Error Message

All the return parameters will be concatenated as in html request format by separate with &

Sample return string:

resultCode=0&orderStatus=Refunded&ref=Test&payRef=4780&amt=1.0&cur=344&errMsg= The transaction was refunded successfully.

2.1.2 Cases for void/refund

Case	Description / Criteria	Updated Order Status	Result / Error Msg
Void	- Transaction was accepted but not yet settled	Voided	Transaction was voided successfully
	- Requested payment ref. no. is not existed	(No change)	The transaction is not existed
	- The order status of requested transaction is not accepted before	(No change)	The transaction is not available for void/refund.
Online Refund	- Transaction was accepted and settled. - No online partial refund requested before - The requested amount is equal to the transaction amount	OnlineRefunded	The transaction was refunded successfully
	- The requested amount is larger than transaction amount	(No change)	The refund amount is larger than transaction amount
Online Partial Refund	- Transaction was accepted and settled. - The requested amount is less than transaction amount - The request amount is equal than transaction amount but there is partial refunded before.	PartialRefunded	Transaction was partially refunded successfully
	- The requested amount is larger than original/remained transaction amount	(No change)	The refund amount is larger than transaction amount
	- The requested amount is larger than the today's sales amount	(No change)	The transaction is not available for void/refund.

- The End -