# XPaydite

# **Seamless Hosted Integration**

Version 1.5.6 Date: April 4, 2025 Email: cs@xpaydite.com

©2023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission

# Copyright

©2023-2025. XPaydite Inc. All rights reserved

The material contained in this guide is copyrighted and owned by XPaydite together with any other intellectual property in such material. No part of this guide may be copied, republished, performed in public, broadcast, uploaded, transmitted, distributed, modified or dealt with in any manner at all, without the prior written permission of XPaydite, and only in such a way that the source and intellectual property rights are acknowledged. To the maximum extent permitted by law, XPaydite shall not be liable to any person or organization, in any manner whatsoever from the use, construction or interpretation of, or the reliance upon, all or any of the information or materials contained in this guide.

The information in this material is subject to change without any prior notice. XPaydite assumes no responsibility for any errors.

# **Revision History**

Update Date	Update Date Revision No. Change Description		Author	Reviewed By	
10 Jul 2023	1.0	Initial version	Nitin Mishra	Praveen K	
17 July 2023	1.0	Further comments on Request/ Response Parameter tables and refunds	Praveen K	Harsh S	
31 July 2023	1.1	Modifications to various sections for conformity with seamless integration and formatting	XP Team	Harsh S	
07 Aug 2023	1.2	Added Tax handling field	XP Team	Harsh S	
29-Aug-2023	1.3	Validations added for request parameters under 5.1	Praveen K	XP Team	
03-Oct-2023	1.4	Inserted sections 5.7 for invoice and 7.4 country codes and Tax fields.	Praveen K	XP Team	
05-Feb-2024	1.5	Updated various sections for new business model including Request parameters. Enhanced tax section, Payments methods for US. Updated the PROD URL.	Praveen K	XP Team	
22-May-2024	1.5.1	Removed reference to Reverse charge mechanism and prod URL	Praveen K	XP team	
14-Jun-2024	1.5.2	Updated Request Fields w.r.t. tax handling and transactions screen	Praveen K	XP team	
14-Nov-2024	1.5.3	Product cart changes in Request, Response, HASH generation. Addition of shipping fee, countries & methods	XP team	Praveen K	
4-Mar-2025	1.5.4	Tax Inclusive changes.	Praveen K	Harsh S	
7-Mar-2025	1.5.5	Request format section changes	Praveen K	Harsh S	
4-Apr-2025	1.5.6	Request format section changes to remove Terminal, OS type and Credit Type fields to simplify Global cards & US recurring payments	Praveen K	Harsh S	

# Contents

1	ABOUT THIS GUIDE	5
1.1	Objectives and target audience	5
1.2	Conventions used in this guide	5
1.3	GLOSSARY	5
2	INTRODUCTION	7
2.1	Prerequisites	7
2.2	Technical Queries	7
2.3	Connecting to the Payment Gateway	7
3	Inceptive Fraud Prevention	9
3.1	Fraud analysts	9
4	Payment Process	10
4.1	Redirecting Customer to the XPaydite Gateway	10
5	Integration with XPaydite Payment Gateway	11
5.1	Request Format	11
5.2	Amount format	14
5.3	Buyer Taxes	14
5.4	Response parameters	15
5.5	Validating the Transaction Status Response	17
5.6	Code integration examples	18
5.7	' Transaction Receipt/Invoice	18
6	Secure Hash Generation	20
6.1	SHA-256 Signature	20
6.2	Secret Key	22
7	GATEWAY OPTIONS AND RESPONSE	24
7.1	Transaction Response Codes and Response Messages	24
7.2	Payment method codes	25
7.3	Supported Currency and Currency Code	27
7.4	ISO country codes	27
7.5	Merchant refunds	
7.6	Adding a descriptor	31
8	Other Payment Functions (Refunds, Status, Reconciliation)	
8.1	Transaction Status	31
8.2	Transaction Refund	
8.3	Transaction Authorization Reconciliation	34
8.4	Refund Reconciliation	35
8.5	Delivery Status	36

# 1 ABOUT THIS GUIDE

# 1.1 Objectives and target audience

This guide is designed to provide detailed information on how to connect and use XPaydite Payment Gateway by integrating <u>XPaydite Hosted Payment Page</u> seamlessly on merchant client's website, mobile application or other digital property. In this guide we will cover the steps of customer payment processing by XPaydite Payment Gateway. The XPaydite web application can accept card or other payment details such as VPA for UPI and provides seamless processing of customer payments.

This guide is created for software engineers, quality team, product managers and other members for engineering or product departments of the merchants. Business people may also be able to follow the understanding of how to work with XPaydite Payment Gateway.

# 1.2 Conventions used in this guide

The table below lists some of the conventions used in this guide.

Table 1: List of conventions

Convention	Description
Reference	Indicates a reference to another section in this guide. For example, refer to the <u>Introduction</u>
File path	Used to indicate a file path or folder structure.
Glossary	Capitalized Terms as defined in the Glossary table.

# 1.3 GLOSSARY

This section provides a description of key terms used in this guide.

Term	Explanation
Automated Payments Interface (API)	The API is a collection of tools including REST based API that enables Merchants to execute requests to the XPaydite Payment Gateway. For example: to send money, make1-tap payments, make refunds, check the status of transactions and download reports.
Browser	Application that enables a Customer or Merchant to access web pages. Examples include: Internet Explorer, Google Chrome and Mozilla Firefox.
Chargeback	The return of funds, previously authorized in a transaction, to a customer, which is initiated by their bank. The Merchant may have to bear additional admin expense incurred by XPaydite while processing the dispute, in addition to any amount eventually credited back to the Customer.
Concatenation	Combining of multiple fields or parameters into a single text string or parameter.
Credit Card	A type of payment card that allows customers to pay for goods and services using funds that are loaned. The loan must be paid back within a specified period. Interest is typically charged on the balance usually after a grace period. Examples: Visa, MasterCard, Diners and Amex or local schemes such as Rupay. See also Debit Card.
Customer	End user that submits the purchase or payment transaction with Merchant's property (Website, Portal, Store Front, Mobile App etc.) may also be called as Buyer.
Customer ID	Unique identifier for the Customer
Customer Services	XPaydite team responsible for supporting any Customer queries. XPaydite provides tier 2 support for customer queries, related specifically to Transactions. See also Merchant Services.
Debit Card	A type of payment card that provides Customers with instant access to funds in their associated bank account. Unlike Credit Cards, funds using a Debit Card transaction are immediately deducted from the Customer's bank account, instead of being paid back at

	a later date. The Customer must have sufficient funds in their bank account or an
	agreed overdraft limit to cover the payment.
Dynamic descriptor	An option that allows Merchants to have their trading or brand name shown on the bank or Credit Card statement of the Customer. The description can be changed on a per Transaction basis. This option is Only supported for Visa, MasterCard and typically has character length limitation
Integration	Engineering or development process undertaken by Merchants to ensure that their website or shopping cart can connect to and communicate with XPaydite Payment Gateway.
ISO country codes	3-digit country code of the International Standards Organization (ISO) that identifies the country. For example, GBR for United Kingdom. ISO country codes also exist in a 2-digit format.
ISO currency codes	3-digit currency code of the International Standards Organization (ISO) that identifies the currency. For example, GBP for British Pound.
Merchant	Business or Individual entity that is contracted with XPaydite and using XPaydite Payment Gateway to process (collect or disburse) payments from its Customers.
Merchant Services	XPaydite team responsible for providing technical and service support to Merchant.
Merchant CRM Console	XPaydite Payment Gateway Administration portal that enables Merchant to access, view and manage their payment and integration setup and all payment transactions, funds settlement, reports etc.
PAY_ID	This is the identifier for the Merchant Account that is created and provided by XPaydite Merchant Services team for a specific Merchant to be able to create and manage their payment setup and process all transactions.
Payment Method/ Option/Instrument/Type	The payment mechanism, such as Debit Card, Credit Card, eWallet or Bank Transfer etc., used by the Customer to complete the payment Transaction. Note that in the payments industry, the terms Payment Method, Payment Option, Payment Instrument and Payment Type are often used interchangeably.
Payment page	Page used to collect Payment Method details from the Customer during an Online Transaction.
PG_REF_NUM	This unique identifier assigned to each Transaction by XPaydite Payment Gateway and shared with payment method providers including acquiring bank, wallet provider. It is used for further communication with downstream providers or processors.
Real-time	An event that occurs instantly or within a short period, such as seconds or minutes. For a Real-time transaction, the Customer, Merchant or XPaydite receives a response to the Transaction request while the Customer is still on Merchant's application, typically synchronously.
Response code	Every transaction will have a response code, which indicates the status of the transaction as that moment in time. XPaydite may receive a variety of reason codes from the bank or scheme authorizing the transaction and consolidates these and map them into the response codes being provided to Merchants.
Transaction	Each financial interaction with the XPaydite Payment Gateway system is referred to as an order or transaction or payment transaction or purchase. Transactions are linked to payments being collected or sent between two parties.
Transaction ID	Unique ID assigned to each Transaction by the XPaydite Payment Gateway.
Transaction status	Each transaction on the XPaydite Payment Gateway is given a status for each action taken on the transaction. One Transaction typically will have multiple Statuses associated with it. These include: <b>PROCESSED, PENDING, TEMPORARY, SCHEDULED, CANCELLED, FAILED, CHARGE</b> <b>BACKED, SUCCESSFULLY</b> .
XPaydite Payment Gateway (XP Gateway)	XPaydite's secured systems and APIs including Hosted Payment Page for processing Transactions Merchants connect their website to the XPaydite Payment Gateway, which will then allow them to process Customer Transactions for sale of goods or services being sold by Merchant.

# 2 INTRODUCTION

The XP Gateway is a PCI Level 1 certified and secure payment aggregator platform, where you redirect customers from your Website/Ecommerce/M-commerce platform to make a payment using Credit Card/Debit Card/UPI/Internet Banking other payment options that are enabled based on your payment setup and customer's country.

The XP Gateway collects customer payment details in a secured manner using standard HTML forms over World Wide Web and processes a payment transaction. After a payment is complete, the customer is returned to your website and receives a real-time notification of the payment, which includes details of the transaction.

Under Seamless Hosted option, Merchant is required to redirect the customer to XP hosted payment page where payment details are collected by XPaydite Payment Gateway and posted to acquirers or processors using our secure mechanism.

# 2.1 Prerequisites

Anyone with basic understanding of digital payments, programming skills and software systems should be able to understand this guide. It is expected that the users may go through the entire guide to understand the Integration Requirements though it is easy for people with technical understanding.

It is assumed that the Merchant doesn't have any specific business need for capturing the Customer's Card Information on their website as additional regulatory requirements of having PCI DSS certification is mandatory for capturing Customer's Credit/Debit/Net banking information on Merchant websites.

All Card/Net banking information is captured seamlessly on XPaydite Gateway hosted Payment Page in a secured manner and Transaction response is returned back to the Merchant real time post processing of the transaction.

No regulatory or specific technological prerequisites for the merchants such as PCI DSS certification are applicable as XP Gateway provides such compliance to Merchants under this integration option.

# 2.2 Technical Queries

For all integration and support queries, please contact the Merchant Services department at cs@xpaydite.com

# 2.3 Connecting to the Payment Gateway

Connecting to the XPaydite Payment Gateway requires adding XPaydite as a payment method on your website's checkout or payment page. When your customer selects the payment option, you should ensure that they are redirected to the XPaydite Payment Gateway for your customer to select payment method choice and enter relevant payment details.

At the time of directing the customer to XP hosted payment page, you will need to submit information about the payment, such as your Pay ID, payment amount to be collected and few other required parameters. We will provide your customer with a standard HTML form to enter payment and customer details.

An example of an HTML form is shown in section Code Integration "Example". A simplified illustration of the transaction process is shown in <u>Figure 1</u> below covering following steps:

- 1. When the customer is ready to pay for goods or services on your website, they select the XPaydite payment option on your website.
- 2. The customer should be redirected to XPaydite PG Hosted page where user selects the payment mode, enters payment details and proceeds with the payment.
- 3. XPaydite will run internal or external fraud and compliance checks to ensure the transaction is good before proceeding to charge the customer's payment instrument.
- 4. Fraud provider systems review and share the response of various checks.
- 5. Based on fraud, compliance response and the choice of payment method, Customer may be redirected to the provider systems for additional authentication and submission for processing. Customer

©2023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission

authenticates and confirms the payment details, along with any consent needed to process payment.

6. XPaydite receives the response of the transaction from bank/card/wallet provider of payment transaction acceptance/rejection.

# Typical Customer Transaction Process – XP Hosted

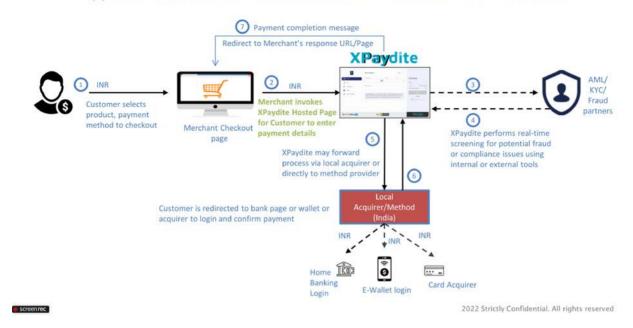


Figure 1: XPaydite Hosted Customer Transaction Process

7. XPaydite PG returns the payment response and Customer is redirected back to response URL on Merchant website, where you must share the status of transaction with the Customer. Any subsequent steps such as delivery of goods must be completed at your end ASAP per the terms & conditions agreed between and with your customer.

### **Optional Steps:**

- 1. Merchant receives SMS/email notification about the transaction status.
- 2. Customer receives SMS/email notification about the transaction status.

# 3 Inceptive Fraud Prevention

You are the best judge of your business, your customers and the fraudulent activities your business or customers may be exposed to.

Sophisticated anti-fraud measures combine several tests including but not limited to ones stated below to work out the likelihood of transaction being fraudulent:

- Integration review/UAT Certification
- Verification Number
- Verified by Visa / MasterCard Secure Code
- IP Geographical location
- Buying pattern analysis
- Purchase history checks
- Black/Whitelists
- SQL injection checks
- Manual reviews
- Amount Velocity limits
- No. of Transaction velocity limits
- Domain name blocks



We as a payment service provider offer all these tests and more, but some checks may have more relevance to your business than others. The way you would manually 'score' the likelihood of fraud may be more than the cumulative effect of a few tests added together.

Additionally, whilst Verified by Visa/MasterCard Secure Core (3D 2.0 Secure Screening Services) provides you, the Merchant, with a liability shift for online transactions, this protection *does not apply to telephonic and mail order transactions*. With the wider adoption of 3D Secure online, continuing the trend for credit card fraud is a migration to telephone and mail order. This makes it more important that you implement appropriate screening measures and look at processing internet and mail order transactions through a single gateway.

# 3.1 Fraud analysts

XPaydite fraud analysts work with you to define the most appropriate screening techniques for your business. This may be a combination of standard tests, custom tests specific to your business, and can also include additional data integration which could take the form of historical fraud or suspicious transactions.

- Our Merchant Support & Operations team will work with you in parallel to the integration and on-boarding process to figure out the best controls that work for your business before we implement them in your Merchant Account created with us.
- These would be separate and in addition to the default checks and controls that are required by our compliance, partners, banks and regulators in various markets that we operate in.

The combination of the above two provides the Merchants edge and security to prevent any bad practices from bad actor and reduces the risk of fines, penalties and losses.

# 4 Payment Process

# 4.1 Redirecting Customer to the XPaydite Gateway

When a customer is at the online checkout or payment page on your website, they should be presented with a Pay with XPaydite as one of the Payment Method option. You will then have to send payment request to XPaydite as follows:

### How to Redirect the Customer

- When the customer selects the XPaydite option, your website should post the HTML form containing their transaction details to XP Gateway
- The HTML form should contain the required hidden input fields listed in Table-2 below.
- You should use a secure method of obtaining a session ID before redirecting customers to XPaydite.

### Improving the customer experience

- To maximize conversion, XPaydite recommends that you redirect customer request to the XPaydite Payment Gateway in a same browser window for a seamless experience as well as pass the necessary data for XP to run real time checks before transaction acceptance.
- Any parameters that you pass through in your HTML form, such as customer name, email and address
  details, will be pre-populated in the relevant fields on the XP Gateway, making it easier for the customer
  to complete the form.
- You can customize the appearance of the XP Payment Gateway and fields displayed to customers, using the Gateway options described.

### Additional information requirements

- In certain cases and transactions there may be need of providing additional information regarding the Customer or Transaction such as Customer's birth date or invoice based on which the transaction is being paid. Such requirements will be discussed on case to case basis and XP Merchant Support team will provide the necessary APIs for you to share the required information.
- Such information is required typically for regulatory reporting or XPaydite to run certain checks and controls to ensure there is no interruption for executing the Customer transaction once it's submitted.
- In rare occasions there may be a need to obtain additional information regarding the product delivery such as Airway Bill, or delivery confirmation which will be advised by XP Merchant Support team based on your specific use cases.

# 5 Integration with XPaydite Payment Gateway

# 5.1 Request Format

Please review the table below for details of the required and optional parameters that need to be included in your form. An example of a simple HTML form is provided.

Alternatively, you may be able to do RESTful POST request and in which case a 302 REDIRECT response will be returned to the customer.

### **XPaydite Hosted Integration Request URLs**

Environment	Method	URL
SANDBOX	POST	https://sandbox.xpaydite.com/pgui/jsp/paymentrequest
PROD	POST	Production credentials will be shared post successful UAT integration

### Table 2: XPaydite Gateway Parameters

M - Mandatory, O - Optional, CM - Conditional Mandatory (based on the functionality and use cases)

Field name	Description	Required	Туре*	Min	Max	Sample Value
	Ме	rchant Detai	ls			
PAY_ID	Pay ID is a unique merchant account identifier provided by XPaydite	Μ	NU	16	16	160234578452178
ORDER_ID	Reference number for Merchant to send from their systems	Μ	AN	1	50	ESN78452
RETURN_URL	URL of Merchant website to get the response back after transaction has been completed	Μ	СН	5	1024	https://www.yourw ebsite.com/response
HASH	Unique value generated by SHA 256 hashing algorithm (explained later)	Μ	AN	64	64	7995156CE4C40C44C41 BECA3B9CE09B9
	Cus	stomer Detail	s			
CUST_CATEGORY	Category of customer	М	СН	8	10	Acceptable values: Individual / Business
CUST_ID	Unique Id of the Customer with the Merchant	0	AN	5	256	2323ADFG4
CUST_NAME	Customer name	М	CH	1	150	John Snow
DOB_DOI	Individual buyer's birth date or business buyer's Incorporation date	0	AN	9	9	21-Oct-22
CUST_STREET_ADDRESS1	Customer address	CM	СН	2	250	House no-101
CUST_CITY	Customer city	CM	СН	2	50	Gurgaon
CUST_STATE CUST_COUNTRY	Customer state Customer country	CM CM	CH CH	2 2	100 100	Haryana India
CUST_ZIP	Customer zip	CM	AN	6	9	TWQ 123
CUST_PHONE	Customer phone	М	NU	8	15	07417456565
CUST_EMAIL	Customer email	М	СН	6	120	john@test.com
CUST_TAX_ID	TAX ID generally used by business customer for tax charged on transactions, services like GSTIN in India	СМ	СН	3	30	07AABCU9603R1ZP

©2023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission

CUST_SHIP_FIRST_NAME ( CUST_SHIP_NAME ( CUST_SHIP_STREET_ADDR ( ESS1 CUST_SHIP_STREET_ADDR ( ESS2 CUST_SHIP_CITY ( CUST_SHIP_STATE ( CUST_SHIP_COUNTRY ( CUST_SHIP_ZIP (	name Customer Shipping first name Customer Shipping name Customer shipping address Customer shipping address Customer shipping city Customer shipping state Customer shipping country Customer shipping zip	CM CM CM CM CM CM	СН СН СН СН	2 2 2 2	150 150 250 250	John John Snow House no-101
CUST_SHIP_NAME (CUST_SHIP_STREET_ADDR (CUST_SHIP_STREET_ADDR (CUST_SHIP_STREET_ADDR (CUST_SHIP_CITY (CUST_SHIP_CITY (CUST_SHIP_STATE (CUST_SHIP_COUNTRY (CUST_SHIP_ZIP (CUS	Customer Shipping name Customer shipping address Customer shipping address Customer shipping city Customer shipping state Customer shipping country Customer shipping zip	CM CM CM CM	сн сн сн	2	250	
CUST_SHIP_STREET_ADDR ( ESS1 CUST_SHIP_STREET_ADDR ( ESS2 CUST_SHIP_CITY ( CUST_SHIP_STATE ( CUST_SHIP_COUNTRY ( CUST_SHIP_ZIP (	Customer shipping address Customer shipping address Customer shipping city Customer shipping state Customer shipping country Customer shipping zip	CM CM CM CM	сн сн сн	2	250	
ESS2 CUST_SHIP_CITY ( CUST_SHIP_STATE ( CUST_SHIP_COUNTRY ( CUST_SHIP_ZIP (	Customer shipping city Customer shipping state Customer shipping country Customer shipping zip	CM CM	СН	2	250	
CUST_SHIP_STATE (CUST_SHIP_COUNTRY CUST_SHIP_ZIP (CUST_SHIP_ZIP (CUST_SHIP_ZIP))	Customer shipping state Customer shipping country Customer shipping zip	CM				Block A
CUST_SHIP_COUNTRY ( CUST_SHIP_ZIP (	Customer shipping country Customer shipping zip			2	50	Gurgaon
CUST_SHIP_ZIP (	Customer shipping zip	CN 4	СН	2	100	Haryana
		CM	CH	2	100	India
CUST_SHIP_PHONE (		CM	AN	6	9	110001
	Customer shipping phone	0	NU	8	15	07417456565
	Payn	nent Detail	S			
	Flag if the tax is calculated by the Merchant	СМ	СН	4	5	Acceptable values: True/False
	Type of Transaction being posted	М	СН	4	4	Acceptable values: SALE / REFUND
	Total Amount collected from buyer	M <sup>(1)</sup>	NU	3	25	100
CURRENCY_CODE	3-digit code of the currency	Μ	NU	3	3	356 (ISO4217 Numeric code)
OTAL_TAX_AMOUNT	Total of tax amount for all products	CM <sup>(1)</sup>	NU	2	12	2400, 6000
OTAL_TAXABLE_AMOUNT	Total of taxable amount for all products	CM <sup>(1)</sup>	NU	2	12	3000, 8000
REVERSE_CHARGE_MECHA ( NISM	Flag if tax is applicable under reverse charge mechanism. Refer 5.3 for tax handling	СМ	СН	4	5	Acceptable values: True/False
PRODUCT_TYPE *	Type of product i.e. digital product or physical product	Μ	СН	14	25	Acceptable values: Digital Products/Services Of Physical Goods
	Shipping Fee (for physical products only)	СМ	NU	2	10	100, 165
		m Level De	tails			
	Name of each product or service being sold (this name will appear on tax invoice) Special characters "@", "&", "*", "-", "_", "#", ":", "." are allowed.	М	СН	1	1100	Red Polo T-shirt , Blu Trackpants
	Description of each product or service being sold	0	СН	1	11264	Regular fit Red Pol T-Shirt withou pocket, Designer blu trackpants
QUANTITY	Quantity of each product or service being sold	CM	NU	1	60	257, 34, 7869
UNIT_PRICE	Price per item of each product or service being sold	CM <sup>(1)</sup>	NU	1	120	345, 2345, 3000
TAX_CODE	TAX codes assigned to each product under the in- country tax regulations for transactional/service taxes	СМ	СН	2	150	92876563, 92892321
	Transactional / Service tax	СМ	NU	1	60	4.0, 15.5, 18.0

	rates for each product /service e.g. GST in India					
TAX_AMOUNT**	Tax value for each product or service being sold	CM <sup>(1)</sup>	NU	2	120	18, 25, 750
TAXABLE_AMOUNT	Taxable amount to be derived as product of Unit Price and Quantity	CM <sup>(1)</sup>	NU	2	120	1050, 2000
SUB_TOTAL	Aggregate amount calculated as quantity for each product multiplied by its unit price, including tax amount	CM <sup>(1)</sup>	NU	2	120	240, 6000
UDF7	Merchant defined field	0	NU	3	12	100
UDF8	Merchant defined field	0	NU	3	12	200
UDF9	Merchant defined field	0	NU	3	12	300
UDF10	Merchant defined field	0	NU	3	12	400
UDF11	Merchant defined field	0	AN	4	256	23ADFG4
REFUND_CYCLE_DAYS	No. of days of refund cycle used to track refund period for merchant to track with transaction	Ο	NU	1	256	10, 10, 12

Abbreviations: NU - Numeric, CH - Character, AN - Alphanumeric, A: Alphabetic

\* For Physical products, please coordinate with your XPaydite SPOC as additional information/compliances are required

\*\* TAX\_RATE & TAX\_AMOUNT value must be passed with decimal, e.g. 18 should be passed as 18.0 <sup>(1)</sup> Refer <u>Amount format</u> for AMOUNT, SUB\_TOTAL and all other fields where amount is passed in value

### Additional notes:

- CUST\_EMAIL or CUST\_PHONE or CUST\_ID is mandatory in order to store card details for XP Gateway to provide tokenization. Merchant must select one of these as initial setup and ensure all transactions use the same field for platform to function as expected
- DOB\_DOI is not mandatory; however, advisable to share to help reduce false positives during sanction screening.
- Unless advised currency code should match the buyer country to support domestic processing. For e.g. when buyer is Indian then currency code used should be 356.
- Shipping address is required if different as it will be published on tax invoice.
- For digital goods like software are sold physically e.g. selling CD for an Operating system, value of PRODUCT\_TYPE must be "Physical Goods".
- The AMOUNT field represents the total sum to be collected from the buyer. Merchants must ensure the accuracy of transmitted values to ensure the correct amount is displayed to the buyer.

### - TAX\_INCLUSIVE as False

- XPaydite will calculate taxes and Merchant is not required to do any tax related calculation
- Merchant must not pass values in the following fields as these will be calculated by XPaydite
  - TAXABLE AMOUNT
  - TAX AMOUNT
  - SUB TOTAL
  - TOTAL TAX AMOUNT
  - TOTAL\_TAXABLE\_AMOUNT
  - AMOUNT
  - TAX\_RATE (for US buyers)
- TAX\_INCLUSIVE as True
  - o Merchant will calculate taxes and pass all values in request parameters
  - o Values passed in request parameters will be used to publish tax invoice to the buyer
  - TAXABLE\_AMOUNT for a product is to be calculated as product of UNIT PRICE and QUANTITY. This must be exclusive of tax.
  - o TAX\_AMOUNT should be calculated on the TAXABLE AMOUNT
  - SUB\_TOTAL for a product should be calculated as sum of TAX\_AMOUNT and TAXABLE\_AMOUNT for the

Product

- TOTAL\_TAX\_AMOUNT should be derived by adding TAX\_AMOUNT values for all products being sold in a single transaction. Similarly, TOTAL\_TAXABLE\_AMOUNT should be derived by adding TAXABLE\_AMOUNT values for all products.
- AMOUNT is the amount which buyer will pay. It should be calculated as sum of TOTAL\_TAX\_AMOUNT, TOTAL\_TAXABLE\_AMOUNT and SHIPPING FEE (if applicable)
- Merchant must ensure all calculations are correct as any incorrect value will result in incorrect invoice to buyer and tax compliance issues like penalties and fines.

### Sending Multiple Products Details:

Following details for multiple products or services being sold in single transaction must be sent in the following request parameters as string array (i.e. String[]):

- PRODUCT\_NAME
- PRODUCT\_DESC
- QUANTITY
- UNIT\_PRICE
- TAX CODE
- TAX\_RATE
- TAX AMOUNT
- SUB TOTAL
- TAXABLE AMOUNT

These parameters are enabled to handle multiple values, which will be collected and passed as an array of values. For example:

PRODUCT\_NAME: ["Product1", "Product2"] where PRODUCT\_NAME at index 0 contains "Product1" and PRODUCT\_NAME at index 1 contains "Product2"

# 5.2 Amount format

The amount of the transaction expressed in the smallest currency unit. The amount must not contain any decimal points, thousands of separators or currency symbols. This value cannot be negative or zero.

### For example, INR 12.50 is expressed as 1250 and INR1 is expressed as 100.

<u>Note</u>: Transactions in currency IDR (Indonesian Rupiah) will use an exponent of 0 (zero). This means an amount expressed as 1250 will be treated as IDR Rp1, 250 and not IDR Rp12.50 (with exponent 2) unlike other currencies.

### 5.3 Buyer Taxes

XPaydite's operation model for selling Merchant's products and services requires XPaydite to handle taxation pertaining to transactional taxes levied on buyer purchase.

XPaydite is not and does not provide Tax advisory and the Merchants are recommended to work with an independent tax services provider in each country you plan to avail XP Services to conduct your own analysis to provide tax related information.

XPaydite offers unique solution to its merchant by offering the ability to handle local taxes, such as Goods and Services Tax (GST), use tax, VAT etc. in certain countries along with the transaction processing. XPaydite will issue tax invoices to the buyers such as Goods & Services Tax invoice and Sales & Use or other Ad valorem tax invoice. Merchants must provide the data required for generating invoices. The data collected during transaction is also required to create and send tax invoices to buyer, merchants or logistics providers along with making tax payments to local authorities. XPaydite will only generate and share tax invoice for successful transactions.

©2023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission

XP Payment Gateway requires certain product, buyer/customer and transaction information to help calculate and charge taxes to the Buyer and/or generate a tax invoice should that be needed from country perspective.

### Tax handling fields:

Each transaction may have unique tax handling requirement based on multiple factors such as Merchant country, Buyer country/state/country/zip code, product or services being purchased and many others. As example:

- India has moved to Goods and Services Tax (GST) regime since July 1<sup>st</sup>, 2017. It may require and obligate overseas Merchants to register, collect and report taxes on all transactions.
- In USA, a 2018 Supreme Court ruling changed the rules, and now ecommerce businesses need to collect and file taxes in states they ship to, not just the ones they're based in. These taxes vary per state, buyer or shipping address, county etc.

XPaydite offers a solution that handles such taxes including collection, payments and filings for the sales done as direct seller i.e. reseller or as an agent of merchant, when applicable. However, this is highly dependent on receiving accurate information on the various elements as part of the transaction request.

Below validations must be ensured to avoid incorrect TAX invoice generation resulting in non-compliances with regards to tax collection and submission for XPaydite and/or Merchant.

- In case merchant calculates the taxes, i.e. TAX\_INCLUSIVE = True, the rounding off should be upwards to two decimal places. In this case, all amounts should be inclusive of taxes.
- Correct TAX\_RATE must be passed when TAX\_INCLUSIVE='True'.
- XPaydite when acting as Merchant's tax agent or obligated under local regulations is required to email tax invoice to buyers. Please reach out to your account manager incase Merchant prefers XPaydite not to communicate with buyers directly on how tax requirement can be met.

# 5.4 Response parameters

When the payment process is complete, XPaydite will send (redirect back to merchant site) the details of the transaction to the Response URL. This is done with a standard HTTP POST request. The XPaydite server continues to post the status until a response of HTTP OK (200) is received from your server or the number of posts exceeds 10.

After completion of the transaction the customer is redirected back to the merchant at the return URL provided. In case the merchant does not receive the transaction response, a status enquiry request can be initiated.

### **XPaydite Hosted Integration Response Parameters**

Table 3 shows the parameters sent to your response URL:

Field name	Description	Sample Value
CUST_NAME	Customer name passed back from request	John Snow
TXNTYPE	Type of transaction	SALE/AUTH
CURRENCY_CODE*	3-digit ISO code of the currency	826
ORDER_ID	Merchant reference number passed back	ESN78452
	from request	
PAY_ID	Pay ID is given by XPaydite	160234578452178
TXN_ID	Transaction Id generated by XPaydite to identify the current step	150611417421130
PG_REF_NUM	Id generated by XPaydite. Use for further communication with XPaydite, for tracking the full order/Transaction	150611417421129 he

Table 3: XPaydite Gateway Response Parameters

C 2023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission

transaction status SE message for transaction status alue generated by SHA 256 hashing ation code returned by acquirer erence number returned by acquirer ion status er email er phone number response response response feach product sent in request ion of each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999. e price per item includes the	Approved/Captured/Declined john@gmail.com 9123456789 12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP (2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
alue generated by SHA 256 hashing ation code returned by acquirer erence number returned by acquirer ion status er email er phone number response response reach product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	7995156CE4C40C44C41BECA3B9CE09B9 123456 789456132 Approved/Captured/Declined john@gmail.com 9123456789 12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
ation code returned by acquirer erence number returned by acquirer ion status er email er phone number response response feach product sent in request ion of each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by e Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	789456132 Approved/Captured/Declined john@gmail.com 9123456789 12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP (2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
ion status er email er phone number response response each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	Approved/Captured/Declined john@gmail.com 9123456789 12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
er email er phone number response response Feach product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	john@gmail.com 9123456789 12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP (2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
er phone number response response each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	9123456789 12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP / 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
response response each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	12102019 10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP (2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
response each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	10:35:10 Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP (2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
each product sent in request ion of each product sent in request of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	Red Polo T-shirt , Blue Trackpants Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP / 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
ion of each product sent in request y of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by e Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	Regular fit Red Polo T-Shirt without pocket, Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
y of customer al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	Designer blue trackpants Individual / Business 21-Oct-22 07AABCU9603R1ZP / 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
al buyer's birth date or business ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	21-Oct-22 07AABCU9603R1ZP 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
ncorporation date enerally used by business customer harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	07AABCU9603R1ZP / 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
harged on transactions, services like India number of local tax invoice created by Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	/ 2324/09/0232, 2324/10/00243, 2425/12/99999999 or "Null"
Platform, when XPaydite is handling for Merchants for e.g. GST in India. turned will be "Null" when there is no or tax handling. s "FY/Month/Counter". FY is financial 24 = 2324 and counter value can be to 99999999.	2425/12/999999999 or "Null"
e price per item includes the	True/False
ional / service tax	,
of each product or service being solo	1 257, 34, 7869
r item of the product or service sold	345, 2345, 3000
e assigned to the product category e tax regulations for ional/service taxes in buyer country	92876563, 92892321
ional/Service tax rate for each or service sold.	4.0, 15.5, 18.0
e for each product or service being	18, 25, 300
calculated based on quantity and ICE for each product	240, 6000
	1000, 2000
ion	1500, 1800
in the transaction	10000, 35000
amount for each product	4000, 2500
-	Digital Products/Services OR Physical Goods
	25000, 40000
y is applicable under reverse charge	True/False
	RICE for each product g fee value for physical products tax amounts for all products in the ion product of taxable amount for all s in the transaction amount for each product y of the products in the transaction total tax amount and total taxable . This is the amount collected from ix is applicable under reverse charge ism.

OOD OOD

### + Refer Generate secure hash

### Handling Multiple Product Details in the Response:

Our platform shall return the product details in response when passed in request. Hence, if multiple products or services are passed in the request, the response will contain these fields as single strings, with values separated by the Unicode character \u001f (Unit Separator):

- PRODUCT\_NAME
- PRODUCT\_DESC
- QUANTITY
- UNIT\_PRICE
- TAX\_CODE
- TAX\_RATE
- TAX\_AMOUNT
- SUB\_TOTAL

For example the PRODUCT\_DESC field in the response might look like this:

"PRODUCT\_DESC": "ProductDesc1\u001FProductDesc2"

### 5.5 Validating the Transaction Status Response

We recommend that you validate the transaction details in the status response. This can be done as follows:

- Create a pending transaction or order for a fixed amount on yourwebsite.
- Redirect the customer to the XPaydite Payment Gateway, where they complete the transaction.
- XPaydite will post the transaction confirmation to your Response URL. This will include the 'ORDER\_ID' or 'Amount' (Amount) or other parameters.
- Your website should validate the parameters received by calculating the SHA2 signature. If successful, it should compare the value of one or more parameters in the confirmation post (e.g. ORDER\_ID parameter) to the one from the pending transaction or order on your website.
- Once the response hash matches for a successful debit confirmation Merchant should match the following
  parameters before service delivery: RESPONSE\_CODE='000' and STATUS='Captured' for sale mode transactions as
  well as refunds. Once this response is validated Merchant should do a double verification/status enquiry for the
  confirmation.

The merchant technical team can implement ignore case snippet in their system to avoid disconnect. Once you have validated the transaction data you can process the transaction, for example, by dispatching the goods ordered.

Please Note: The above implementations are a mandate for all the merchants and in case of any discrepancy at the merchant's end the merchant will be liable for any losses. To confirm the same Payment Gateway team shall review the merchant system before go-live.

### **Transaction Status**

Each transaction undergoes multiple actions or interactions between Merchant, XP Gateway and downstream Processors or Acquirers. For each such step a new record is appended to the Transaction that can be identified by ORDER\_ID or PG\_REF\_NUM. Every step has a status captured based on where the overall Transaction is in the processing.

For example, in the screenshot below, the Transaction Status is currently "Captured" however it was in "Pending" status when the Order was created in XP Gateway and was moved to "Initiated" status once the request was sent to processor network for processing.

					×
Customer Detail	Transaction Detail	Ship	ping Detail	Status	
Order id	PG REF Num	Amount	Txn Type	Status	Date
XPAY1725990758658	1061540910232318	50.00	SALE	Captured	2024-09-10 23:
XPAY1725990758658	1061540910232318	50.00	SALE	Sent to Bank	2024-09-10 23:
XPAY1725990758658	0	50.00	NEWORDER	Pending	2024-09-10 23:

# 5.6 Code integration examples

method= <mark>p</mark>	005 <b>t</b> >	
<input< td=""><td>type="hidden"</td><td>name="PAY_ID" value="1507281443471000"/&gt;</td></input<>	type="hidden"	name="PAY_ID" value="1507281443471000"/>
<input< td=""><td>type="hidden"</td><td>name="MERCHANTNAME" value="Demo Merchant"/&gt;</td></input<>	type="hidden"	name="MERCHANTNAME" value="Demo Merchant"/>
<input< td=""><td>type="hidden"</td><td>name="ORDER_ID" value="ORD123"/&gt;</td></input<>	type="hidden"	name="ORDER_ID" value="ORD123"/>
<input< td=""><td>type="hidden"</td><td>name="AMOUNT" value="100"/&gt;</td></input<>	type="hidden"	name="AMOUNT" value="100"/>
<input< td=""><td>type="hidden"</td><td>name="<i>TXNTYPE</i>" value="<i>SALE</i>"/&gt;</td></input<>	type="hidden"	name=" <i>TXNTYPE</i> " value=" <i>SALE</i> "/>
<input< td=""><td>type="hidden"</td><td>name="CUST_NAME" value="Demo"/&gt;</td></input<>	type="hidden"	name="CUST_NAME" value="Demo"/>
<input< td=""><td>type="hidden"</td><td>name="CUST_STREET_ADDRESS1" value="Gurgaon"/&gt;</td></input<>	type="hidden"	name="CUST_STREET_ADDRESS1" value="Gurgaon"/>
<input< td=""><td>type="hidden"</td><td>name="CUST_ZIP" value="123456"/&gt;</td></input<>	type="hidden"	name="CUST_ZIP" value="123456"/>
<input< td=""><td>type="hidden"</td><td>name="<i>CUST_PHONE</i>" value="<i>9911889966</i>"/&gt;</td></input<>	type="hidden"	name=" <i>CUST_PHONE</i> " value=" <i>9911889966</i> "/>
<input< td=""><td>type="hidden"</td><td>name="CUST_EMAIL" value="test@gmail.com"/&gt;</td></input<>	type="hidden"	name="CUST_EMAIL" value="test@gmail.com"/>
<input< td=""><td>type="hidden"</td><td>name="PRODUCT_DESC" value="CD Player"/&gt;</td></input<>	type="hidden"	name="PRODUCT_DESC" value="CD Player"/>
<input< td=""><td>type="hidden"</td><td>name="CURRENCY_CODE" value="356"/&gt;</td></input<>	type="hidden"	name="CURRENCY_CODE" value="356"/>
<input< td=""><td>type="hidden"</td><td>name="<i>RETURN_URL</i>" value="</td></input<>	type="hidden"	name=" <i>RETURN_URL</i> " value="
https:	//www.demo.me	erchant.com/pg/ <i>response</i> "/>
<input< td=""><td>type="hidden"</td><td>name="HASH"</td></input<>	type="hidden"	name="HASH"
value="	7236EB5CF61F83	0536CFE60DD103F50DD397EA4544963D4D039197CC1B9DF637"/>
<input< td=""><td>type="submit</td><td>" value="Click to Pay" name="submit"/&gt;</td></input<>	type="submit	" value="Click to Pay" name="submit"/>

You can use the examples below to communicate to XPaydite, which is the recommended method for connecting to the XPaydite Payment Gateway.

# 5.7 Transaction Receipt/Invoice

As XPaydite provides cross border payments services, regulations in most countries require proper records to be maintained and shared by Merchants of the sale of goods or services being availed by overseas Buyers/Customers that XPaydite may require to provide evidence and to fulfil its reporting obligations with banking partners or local regulators.

Merchant (or XPaydite in case of reseller service) is required to generate and send a commercial purchase invoice for every transaction that is executed by using XPaydite platform. The following are minimum requirements for information provided on the invoice/receipt:

- 1) Invoice Number
- 2) Payment Transaction Reference Number
- 3) Description of Products/Services sold
- 4) Transaction Amount
- 5) Merchant or Seller details Name, Address, Contact details
- 6) Other details to be shared are specific for country such as Indian payments require to include Purpose Code issued by Reserve Bank of India and Exporter information when product or services are being sold are actually provided by a 3<sup>rd</sup> party, who may be the beneficiary of the funds.

Note: Merchants must refer to RBI website for identifying and sharing the proper Purpose Codes in invoice and such code must be shared with XPaydite's for reporting purposes. UDF fields to be used for passing on invoice number and purpose codes as part of input. Merchant needs to inform XPaydite regarding the specific UDF fields used for these values.

Merchant may be required to share the invoices or details of the invoices on an ongoing basis or need basis, hence, a Merchant must maintain records of invoices for all transactions and delivery details of goods and/or services provided. Please speak to your Account Manager for details.

For ecommerce transactions, Merchants will still be required to create and send shipping invoice or any other documents required by their logistics partners in order to ensure smooth shipping to customers. Merchant must share the shipping or delivery details with XPaydite using <u>deliveryStatus</u> API to complete necessary obligations.

# 6 Secure Hash Generation

The Merchant code needs to create the Secure Hash value based on the Transaction Request data. The XPaydite Payment Server will create another Secure Hash value and send it back to the Merchant in the Transaction Response.

# 6.1 SHA-256 Signature

The Secure Hash is a hexadecimal encoded SHA-256 HMAC of concatenation of VPC and User Defined parameters. The concatenation of parameters takes the form of a set of name-value pairs, like the parameter string for an HTTP GET call.

### **HASH** generation mechanism

To generate a Secure HASH, you need to make a request string of all the required parameters for example, if you want to pass the following name value pairs in your request

{PAY\_ID=1507281443471000&ORDER\_ID=SIGORD220920151610&TXNTYPE=SALE&AMOUNT=100&CURRENCY\_CODE=356 &CUST\_NAME=Demo+Merchant&CUST\_STREET\_ADDRESS1=Demo+Address1&CUST\_STREET\_ADDRESS2=Demo+Address2 &CUST\_CITY=Demo+City&CUST\_STATE=Demo+State&CUST\_COUNTRY=Demo+Country&CUST\_ZIP=Demo+Zip+Code&CUST \_EMAIL=demo%40XPaydite.com&CUST\_PHONE=1234567890&CUST\_SHIP\_NAME=Demo+Ship+Customer&CUST\_SHIP\_STR EET\_ADDRESS1=Demo+Ship+Address1&CUST\_SHIP\_STREET\_ADDRESS2=Demo+Ship+Address2&CUST\_SHIP\_CITY=Demo+Ship+City&CUST\_SHIP\_STATE=Demo+Ship+State&CUST\_SHIP\_COUNTRY=Demo+Ship+Country&CUST\_SHIP\_CITY=Demo+Ship+Z ip+Code&CUST\_SHIP\_STATE=Demo+Ship+State&CUST\_SHIP\_COUNTRY=Demo+Ship+Country&CUST\_SHIP\_ZIP=Demo+Ship+Z flocalhost%3a8080%2fMerchantSimulator%2fresponse.jsp&PRODUCT\_DESC=Demo+Product}

Then you need to sort all the parameters in ascending key order and add "Tilde" (~) symbol as separator to create the request string. The Output will be as follows:

{AMOUNT=100~CURRENCY\_CODE=356~CUST\_CITY=Demo City~CUST\_COUNTRY=Demo Country~CUST\_EMAIL=demo@XPaydite.com~CUST\_NAME= Demo Merchant~CUST\_PHONE=1234567890~CUST\_SHIP\_CITY=Demo Ship City~CUST\_SHIP\_COUNTRY=Demo Ship Country~CUST\_SHIP\_EMAIL=demoship@XPaydite.com~CUST\_SHIP\_NAME= Demo Ship Customer~CUST\_SHIP\_PHONE=0123456789~CUST\_SHIP\_STATE=Demo Ship State~CUST\_SHIP\_STREET\_ADDRESS1=Demo Ship Address1~CUST\_SHIP\_STREET\_ADDRESS2=Demo Ship Address2~CUST\_SHIP\_ZIP=Demo Ship Zip Code~CUST\_STATE=Demo State~CUST\_STREET\_ADDRESS1=Demo Address1~CUST\_STREET\_ADDRESS2=Demo Address2~CUST\_ZIP=Demo Zip Code~ORDER\_ID=SIGORD220920151610~PAY\_ID=1507281443471000~PRODUCT\_DESC=Demo Product~RETURN\_URL=http://localhost:8080/MerchantSimulator/response.jsp~TXNTYPE=SALE}

Next step is to append the Secret Key at the end of the parameter string given by XPaydite Payment Gateway to you, as merchant. After adding you will get the following output:

{AMOUNT=100~CURRENCY\_CODE=356~CUST\_CITY=Demo City~CUST\_COUNTRY=Demo Country~CUST\_EMAIL=demo@XPaydite.com~CUST\_NAME=Demo Merchant~CUST\_PHONE=1234567890~CUST\_SHIP\_CITY=Demo Ship City~CUST\_SHIP\_COUNTRY=Demo Ship Country~CUST\_SHIP\_EMAIL=demoship@XPaydite.com~CUST\_SHIP\_NAME= Demo Ship Customer~CUST\_SHIP\_PHONE=0123456789~CUST\_SHIP\_STATE=Demo Ship State~CUST\_SHIP\_STREET\_ADDRESS1=Demo Ship Address1~CUST\_SHIP\_STREET\_ADDRESS2=Demo Ship Address2~CUST\_SHIP\_ZIP=Demo Ship Zip

Code~CUST\_STATE=Demo State~CUST\_STREET\_ADDRESS1=Demo Address1~CUST\_STREET\_ADDRESS2=Demo Address2~CUST\_ZIP=Demo Zip Code~ORDER\_ID=SIGORD220920151610~PAY\_ID=1507281443471000~PRODUCT\_DESC=Demo Product~RETURN\_URL=http://localhost:8080/MerchantSimulator/response.jsp~TXNTYPE=SALEb6200e78557e4e55}

After completing the above-mentioned process, you will have to call SHA 256 algorithm and pass the parameter string to the same and the SHA will return you the desired result as below:

Hash value = {6797f1842deb4f3ebaead53e1bafd5a535d322b9fa3893f201fdb03933eeae09}

Now you must convert the generated value to the Upper Case, and you will get the result as the HASH value

Hash value = 6797F1842DEB4F3EBAEAD53E1BAFD5A535D322B9FA3893F201FDB03933EEAE09

The purpose of the **SHA2signature** field is to ensure the integrity of the data posted back to your server. You should always compare the **SHA2signature** field's value posted by XPaydite's servers with the one you calculated.

To calculate the **SHA2signature**, you need to take the values of the fields listed above exactly as they were posted back to you, concatenate them and perform a **SHA2** calculation on this string.

### Hash Generation for Multiple Product Details:

For the generation of the inputString used for hash generation, when passing details for multiple products, the values of product-related fields listed below, should be concatenated into a single string, separated by the Unicode character \u001f (Unit Separator). This character \u001f is a non-printable control character used to separate units of data.

- PRODUCT\_NAME
- PRODUCT\_DESC
- QUANTITY
- UNIT\_PRICE
- TAX\_CODE
- TAX\_RATE
- TAX\_AMOUNT
- SUB\_TOTAL

For example, the inputString for multiple products might look like this:

{AMOUNT=5000~CURRENCY\_CODE=356~CUST\_CATEGORY=Individual~CUST\_CITY=New

Delhi~CUST\_COUNTRY=India~CUST\_EMAIL=syedfaizandeveloper@gmail.com~CUST\_FIRST\_NAME=John~CUST\_ID=1234567 8123456781234567812345678~CUST\_LAST\_NAME=Snow~CUST\_NAME=John

Snow~CUST\_PHONE=~CUST\_STATE=Delhi~CUST\_STREET\_ADDRESS1=House No 123~CUST\_STREET\_ADDRESS2=Street 2~CUST\_TAX\_ID=~CUST\_ZIP=110001~ORDER\_ID=XPAY1730289197683~PAY\_ID=1001530725144642~PRODUCT\_DESC=Pro ductDesc1ProductDesc2~PRODUCT\_NAME=Product1Product2~QUANTITY=56~RETURN\_URL=http://localhost:8082/pgui/js p/response~REVERSE\_CHARGE\_MECHANISM=False~SHIPPING\_FEE=100~TAX\_CODE=9287656392876564~TAX\_INCLUSIVE= False~TAX\_RATE=18.016.0~TXNTYPE=SALE~UNIT\_PRICE=10002000041963dad3784e99}

Please note that the multiple product fields in the above inputString are separated by \u001F as the unit separator. Since \u001F is non-printable, it is not visible, but it is there. For example, internally the inputString is like this:

{AMOUNT=5000~CURRENCY\_CODE=356~CUST\_CATEGORY=Individual~CUST\_CITY=New

Delhi~CUST\_COUNTRY=India~CUST\_EMAIL=syedfaizandeveloper@gmail.com~CUST\_FIRST\_NAME=John~CUST\_ID=1234567 8123456781234567812345678~CUST\_LAST\_NAME=Snow~CUST\_NAME=John

Snow~CUST\_PHONE=~CUST\_STATE=Delhi~CUST\_STREET\_ADDRESS1=House No 123~CUST\_STREET\_ADDRESS2=Street 2~CUST\_TAX\_ID=~CUST\_ZIP=110001~ORDER\_ID=XPAY1731914387288~PAY\_ID=1001530725144642~PRODUCT\_DESC=Pro ductDesc1\u001FProductDesc2~PRODUCT\_NAME=Product1\u001FProduct2~QUANTITY=5\u001F6~RETURN\_URL=http://lo calhost:8082/pgui/jsp/response~REVERSE\_CHARGE\_MECHANISM=False~SHIPPING\_FEE=100~TAX\_CODE=92876563\u001F 92876564~TAX\_INCLUSIVE=False~TAX\_RATE=18.0\u001F18.0~TXNTYPE=SALE~UNIT\_PRICE=1000\u001F2000041963dad37 84e99}

For example, PRODUCT\_NAME in the inputString might look like:

PRODUCT\_NAME=Product1Product2

But actually it is:

PRODUCT\_NAME=Product1\u001FProduct2

If the values passed to these parameters are single, there should be no separation using \u001f (Unit Separator) for generating the inputString. In this case, the inputString should be created without any separation using \u001f (Unit Separator).

For example, the inputString for single product values might look like this:

{AMOUNT=5000~CURRENCY\_CODE=356~CUST\_CATEGORY=Individual~CUST\_CITY=New Delhi~CUST\_COUNTRY=India~CUST\_EMAIL=syedfaizandeveloper@gmail.com~CUST\_FIRST\_NAME=John~CUST\_ID=1234567 8123456781234567812345678~CUST\_LAST\_NAME=Snow~CUST\_NAME=John

Snow~CUST\_PHONE=~CUST\_STATE=Delhi~CUST\_STREET\_ADDRESS1=House No 123~CUST\_STREET\_ADDRESS2=Street 2~CUST\_TAX\_ID=~CUST\_ZIP=110001~ORDER\_ID=XPAY1730364057166~PAY\_ID=1001530725144642~PRODUCT\_DESC=Pro ductDesc1~PRODUCT\_NAME=Product1~QUANTITY=5~RETURN\_URL=http://localhost:8082/pgui/jsp/response~REVERSE\_C HARGE\_MECHANISM=False~SHIPPING\_FEE=100~TAX\_CODE=92876563~TAX\_INCLUSIVE=False~TAX\_RATE=18.0~TXNTYPE= SALE~UNIT\_PRICE=1000041963dad3784e99}

# 6.2 Secret Key

The secret key is a very essential element in generating hash. You must append the secret key with all the other required parameters to generate hash through SHA2 algorithm. You can find your secret key in your Merchant CRM console in following steps:

- 1. Login to your Merchant account
- 2. Click on My Account at the bottom of the menu bar
- 3. Click on My Profile
- 4. You can find secret key value under My Personal Detail

My Personal	Detail	
Email Id	harsh@testmerchant.com	
Contact Name		
Company Name		
User Type	MERCHANT	
Business Name	Test Merchant	
Pay Id	1021530214155449	
Salt	bff43ad6ebf94c4a	

# 7 GATEWAY OPTIONS AND RESPONSE

# 7.1 Transaction Response Codes and Response Messages

The table below lists the various response code and associated messages that may be returned by XP Gateway.

Response Code	Response message
000	Success
001	Acquirer Error
002	Denied
003	Timeout
004	Declined
005	Authentication not available
006	Transaction processing
007	Rejected by acquirer
008	Duplicate
009	Response signature did not match
010	Cancelled by user
011	Authorization success but error processing recurring payment
012	Denied due to fraud detection
013	Total refund amount greater than sale amount
014	Refund Amount should be less than today's Captured Amount
015	Transaction not found
016	In case of Full Refund, Refund Amount shall be equal to the Sale Amount
017	In case if token is not generated from GPay server
018	Duplicate order Id
019	Duplicate refund order Id
020	Declined due to insufficient balance
021	Invalid at acquirer
022	Failed at acquirer
023	The cardholder is enrolled in Payer Authentication
024	Card is not enrolled
025	Unable to fetch surcharge details
026	Pending
027	Duplicate submission on same order ID
028	No payment options configured for the merchant
029	Transaction rejected by payment gateway
030	Authentication Failed
032	Pending
033	No Transaction Available
034	Sum of Product prices and Total Amount Should be Equal
300	Invalid Request

Table 4: Response Codes and Messages for Gateway Transactions

900	Internal system error
999	Unknown Error

### 7.2 Payment method codes

The table below details the payment method supported with XPaydite Payment Gateway

USA	
ACH	
CC	
DC	
WL	
INDIA	
CC	
DC	
NB	
WL	
UP	
Credit and Debit Cards	
VI	
MS	
AX	
DN	
RU	
PPL	
AL	
WP	
РР	
VM	
UNP	
CRCD	
TM	
АНК	
TNG	
GC	
DA	
КР	
ВК	
СР	
ACH	
	CCDCWLINDIACCDCDCWLUPCredit and Debit CardsMCVIAXDNAXDNRUPPLALVPVIPPLALVPCRCDVMUNPAHKTNGACDAKPBKCPCPBKCP

	Net Banking Options	
Andhra Bank	1091	
Allahabad Bank	1117	
Axis Bank	1005	
Axis Bank Corporate	1099	
Bank of Bahrain And Kuwait	1043	
Bank of Baroda Corporate	1092	
Bank of Baroda Retail Accounts	1093	
Bank of India	1009	

OOD OOD

Bank of Maharashtra	1064
Canara Bank	1055
Catholic Syrian Bank	1094
Central Bank of India	1063
Citi Bank	1010
City Union Bank	1060
Corporation Bank	1034
COSMOS Bank	1104
DCB Bank	1148
Deutsche Bank	1026
Dhanlaxmi Bank	1127
Development Credit Bank	1040
Equitas Bank	1131
Federal Bank	1027
HDFC Bank	1004
HSBC Bank	1102
ICICI Bank	1013
ICICI Bank Corporate	1100
IDFC FIRST Bank Limited	1111
Indian Bank	1069
Indian Overseas Bank	1049
Indusind Bank	1054
Industrial Development Bank of India	1003
IngVysya Bank	1062
Jammu And Kashmir Bank	1041
Janata Sahakari Bank Pune	1116
Karnataka Bank Ltd	1032
KarurVysya Bank	1048
Kotak Bank	1012
Lakshmi Vilas Bank NetBanking	1095
Oriental Bank of Commerce	1042
Punjab and Sindh Bank	1108
Punjab National Bank	1107
Punjab National Bank Corporate	1101
Ratnakar Bank (RBL Bank)	1053
SaraSwat Bank	1106
South Indian Bank	1045
Standard Chartered Bank	1097
State Bank of India	1030
Syndicate Bank	1098
Tamil Nadu Mercantile Bank	1065
UCO Bank	1103
Union Bank of India	1038
United Bank of India Vijay Bank	1046
	1044

**Note:** The actual list of payment modes to be activated in live account may vary depending upon bank approvals.

# 7.3 Supported Currency and Currency Code

The table below lists various currencies along with their ISO codes supported by XP Gateway

Currency Name	Abbreviation	Currency Code
Indian Rupee	INR	356
British Pound	GBP	826
US Dollar	USD	840
Euro	EUR	978
Canadian Dollar	CAD	124
Australian Dollar	AUS	036
Chinese Yuan (Renminbi)	CNY	156
Philippines	РНР	608
Indonesian Rupiah	IDR	360
South Korean Won	KRW	410
Hong Kong Dollar	НКД	344
Thai Baht	ТНВ	764
Malaysian Ringgit	MYR	458
Bangladeshi Taka	BDT	050

Table 6: Supported Currency with Codes

# 7.4 ISO country codes

XPaydite does not support customers and transactions from the countries which are classified as high risk or increased monitoring jurisdictions by FATF. Below list is only for reference with regards to the country code to be passed in the request parameters. It does not reflect countries supported by XPaydite. Please contact us for further clarity on geographies considered as negative by us.

COUNTRY NAME	COUNTRY CODE
The Republic of Albania	ALB
The People's Democratic Republic of Algeria	DZA
The Principality of Andorra	AND
The Republic of Angola	AGO
Antigua and Barbuda	ATG
The Argentine Republic	ARG
The Republic of Armenia	ARM
The Commonwealth of Australia	AUS
The Republic of Austria	AUT
The Republic of Azerbaijan	AZE
The Commonwealth of The Bahamas	BHS
The Kingdom of Bahrain	BHR
The People's Republic of Bangladesh	BGD
Barbados	BRB
The Republic of Belarus	BLR
The Kingdom of Belgium	BEL
Belize	BLZ
The Republic of Benin	BEN
The Kingdom of Bhutan	BTN
The Plurinational State of Bolivia	BOL
Bosnia and Herzegovina	BIH
The Republic of Botswana	BWA
The Federative Republic of Brazil	BRA
The Nation of Brunei, the Abode of Peace	BRN

The Republic of Bulgaria	BGR
Burkina Faso	BFA
The Republic of Burundi	BDI
The Republic of Cabo Verde	CPV
The Kingdom of Cambodia	KHM
The Republic of Cameroon	CMR
Canada	CAN
The Central African Republic	CAF
The Republic of Chad	TCD
The Republic of Chile	CHL
The People's Republic of China	CHN
The Republic of Colombia	COL
The Union of the Comoros	COM
The Democratic Republic of the Congo	COD
The Republic of the Congo	COG
The Republic of Costa Rica	CRI
The Republic of Côte d'Ivoire	CIV
The Republic of Croatia	HRV
The Republic of Cuba	CUB
The Republic of Cyprus	CYP
The Czech Republic	CZE
The Kingdom of Denmark	DNK
The Republic of Djibouti	DJI
The Commonwealth of Dominica	DMA
The Dominican Republic	DOM
The Republic of Ecuador	ECU
The Arab Republic of Egypt	EGY
The Republic of El Salvador	SLV
The Republic of Equatorial Guinea	GNQ
The State of Eritrea	ERI
The Republic of Estonia	EST
The Kingdom of Eswatini	SWZ
The Federal Democratic Republic of Ethiopia	ETH
The Republic of Fiji	FJI
The Republic of Finland	FIN
The French Republic	FRA
The Gabonese Republic	GAB
The Republic of The Gambia	GMB
Georgia	GEO
The Federal Republic of Germany	DEU
The Republic of Ghana	GHA
The Hellenic Republic	GRC
Grenada	GRD
The Republic of Guatemala	GTM
The Republic of Guinea	GIN
The Republic of Guinea-Bissau	GNB
The Co-operative Republic of Guyana	GUY
The Republic of Haiti	HTI
The Republic of Honduras	HND
Hungary	HUN
Iceland	ISL
The Republic of India	IND
The Republic of Indonesia	IDN
The Republic of Iraq	IRQ
Ireland	IRL
The State of Israel	ISR
The Italian Republic	ITA
Jamaica	JAM
Japan	JPN
023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission	

C C2023-2025. XPaydite Inc. Strictly Confidential. Do not circulate without permission

The Hashemite Kingdom of Jordan The Republic of Kazakhstan	JOR KAZ
The Republic of Kenya	KAZ
The Republic of Kiribati	KIR
The Republic of Korea	KIR
The State of Kuwait	KWT
The Kyrgyz Republic	KGZ
The Lao People's Democratic Republic	LAO
The Republic of Latvia	LVA
The Lebanese Republic	LBN
The Kingdom of Lesotho	LSO
The Republic of Liberia	LBR
The State of Libya	LBY
The Principality of Liechtenstein	LIE
The Republic of Lithuania	LTU
The Grand Duchy of Luxembourg	LUX
The Republic of North Macedonia[12]	MKD
The Republic of Madagascar	MDG
The Republic of Malawi	MWI
Malaysia	MYS
The Republic of Maldives	MDV
The Republic of Mali	MLI
The Republic of Malta	MLT
The Republic of the Marshall Islands	MHL
The Islamic Republic of Mauritania	MRT
The Republic of Mauritius	MUS
The United Mexican States	MEX
The Federated States of Micronesia	FSM
The Republic of Moldova	MDA
The Principality of Monaco	MCO
Mongolia	MNG
Montenegro	MNE
The Kingdom of Morocco	MAR
The Republic of Mozambique	MOZ
The Republic of Namibia	NAM
The Republic of Nauru	NRU
The Federal Democratic Republic of Nepal	NPL
The Kingdom of the Netherlands	NLD
New Zealand	NZL
The Republic of Nicaragua	NIC
The Republic of the Niger	NER
The Federal Republic of Nigeria	NGA
The Kingdom of Norway	NOR
The Sultanate of Oman	OMN
The Republic of Palau	PLW
The Republic of Panamá	PAN
The Independent State of Papua New Guinea	PNG
The Republic of Paraguay	PRY
The Republic of Perú	PER
The Republic of the Philippines	PHL
The Republic of Poland	POL
The Portuguese Republic	PRT
The State of Qatar	QAT
Romania The Russian Enderstion	ROU
The Russian Federation	RUS
The Republic of Rwanda	RWA
Saint Kitts and Nevis	KNA
Saint Lucia	LCA
Saint Vincent and the Grenadines	VCT

The Independent State of Samoa	WSM
The Republic of San Marino	SMR
The Democratic Republic of São Tomé and Príncipe	STP
The Kingdom of Saudi Arabia	SAU
The Republic of Senegal	SEN
The Republic of Serbia	SRB
The Republic of Seychelles	SYC
The Republic of Sierra Leone	SLE
The Republic of Singapore	SGP
The Slovak Republic	SVK
The Republic of Slovenia	SVN
The Solomon Islands	SLB
The Federal Republic of Somalia	SOM
The Republic of South Africa	ZAF
The Republic of South Sudan	SSD
The Kingdom of Spain	ESP
The Democratic Socialist Republic of Sri Lanka	LKA
The Republic of the Sudan	SDN
The Republic of Suriname	SUR
The Kingdom of Sweden	SWE
The Swiss Confederation	CHE
The Syrian Arab Republic	SYR
The Republic of Tajikistan	ТЈК
The United Republic of Tanzania	TZA
The Kingdom of Thailand	THA
The Democratic Republic of Timor-Leste	TLS
The Togolese Republic	TGO
The Kingdom of Tonga	TON
The Republic of Trinidad and Tobago	TTO
The Republic of Tunisia	TUN
The Republic of Turkey	TUR
Turkmenistan	ТКМ
Tuvalu	TUV
The Republic of Uganda	UGA
Ukraine	UKR
The United Arab Emirates	ARE
The United Kingdom of Great Britain and Northern Ireland	GBR
The United States of America	USA
The Oriental Republic of Uruguay	URY
	UZB
The Republic of Uzbekistan The Republic of Vanuatu	VUT
The Bolivarian Republic of Venezuela	
The Socialist Republic of Viet Nam	VEN
	VNM
The Republic of Yemen	YEM
The Republic of Zambia	ZMB
The Republic of Zimbabwe	ZWE

# 7.5 Merchant refunds

This option enables you to refund a payment back to the customer's XPaydite account, credit/debit card or bank account used during the original payment Transaction. If this feature is not activated, please contact <u>cs@xpaydite.com</u>.

You can make refunds directly through the Merchant CRM Console in the following steps:

- i. Go to "Sale Captured" option under "Reporting" menu
- ii. Search the Transaction to be refunded under the Sale Transaction Filter
- iii. Click on the Transaction under Sale Transaction Data

- iv. Click on Refund Button
- v. The refund page will open on which all details should be verified
- vi. Enter the amount to be refunded (must not be more than the transaction amount)
- vii. Click Submit button to proceed with the refund

Order Id	XPAY1688568051047
verchant Name	ACH Demo Merchant
PG REF NUM	1231530705201105
Currency	USD
Transaction Amount	13.00
Available For Refund	13.00
Transaction Type	REFUND
Refund Amount	13.00

## 7.6 Adding a descriptor

When a customer pays through XPaydite, XPaydite submits a merchant descriptor with the transaction, containing your registered business name/brand name. The descriptor is typically displayed on the bank or credit card statement of the customer.

Currently the merchant descriptor is configurable at the merchant account level and cannot be set at the Transaction. We will advise once that functionality is available for you to adopt.

# 8 Other Payment Functions (Refunds, Status, Reconciliation)

API Table		
ΑΡΙ	API Function	
Transaction Status	To get status of transaction real time	
Transaction Refund	To initiate the transaction refund (full or part refund)	
Transaction Authorization Reconciliation	To get the transaction reconciliation status	
Refund Reconciliation	To get the reconciliation status of a refund transaction initiated earlier	
Delivery Status	To get the delivery status of service from Merchant	
	API Transaction Status Transaction Refund Transaction Authorization Reconciliation Refund Reconciliation	

### 8.1 Transaction Status

This API should be used for verification of transaction status before service delivery. For successful debit the mandate is to match the following parameters:

RESPONSE\_CODE='000' and RESPONSE\_MESSAGE='SUCCESS' and STATUS='Captured'

Get the status of transaction processed real time. Authentication: Sha256 HASH along with request.

Environment	Method	URL
UAT	POST	https://sandbox.xpaydite.com/pgws/transact
PROD	POST	Production credentials will be shared post successful UAT
		integration

Parameters	Value Type	
PAY_ID	String	
ORDER_ID	String	
AMOUNT	String	
ТХМТҮРЕ	String	
CURRENCY_CODE	Number	
HASH	String	

- **ORDER\_ID**: Order ID generated by Merchant

- **TXN\_ID**: Transaction ID generated and returned by XP PG in Response for this request

Request	<pre>{     "PAY_ID":"1001180108120354",     "ORDER_ID":"ORDER00123",     "AMOUNT":"1500",     "TXNTYPE":"STATUS",     "CURRENCY_CODE":"356",     "CREATE_DATE":"2021-02-08 18:21:04",     "HASH":"59833FF8874B68EDAC684AE46036DDA52336C9114C38DA871AC643B14243     FFDD" }</pre>
Response	<pre>{     "RESPONSE_DATE_TIME":"2019-05-15 16:49:41",     "RESPONSE_CODE":"000",     "TXN_ID":"1426090515164549",     "MOP_TYPE":"VI",     "CARD_MASK":"437748*****9702",     "ACQ_ID":"5579189904646365204070",     "TXNTYPE":"SALE",     "CURRENCY_CODE":"356",     "RRN":"913511236314",     "SURCHARGE_FLAG":"Y",</pre>

"PAYMENT_TYPE":"CC", "PG_TXN_MESSAGE":"SUCCESS",
"STATUS":"Captured",
"PG_REF_NUM":"1426090515164549",
"PAY_ID":"1001281010142121",
"ORDER_ID":"2002990137",
"AMOUNT":"662100",
"RESPONSE_MESSAGE":"SUCCESS",
"ORIG_TXN_ID":"1426090515164549",
"TOTAL_AMOUNT":"676163",
"CUST_NAME":"AMITOSH AANAND"
"IS_STATUS_FINAL":"Y",
"HASH":"59833FF8874B68EDAC684AE46036DDA52336C9114C38DA871AC643B14243FFD D"

# 8.2 Transaction Refund

Initiate a refund transaction via API Authentication: SHA-256 HASH along with request.

### Request

Environment	Method	URL
UAT	POST	https://sandbox.xpaydite.com/pgws/transact
PROD	POST	Production credentials will be shared post successful UAT integration

Parameters	Value Type	Mandatory
PG_REF_NUM	number	Yes
AMOUNT	number	Yes
TXNTYPE	REFUND	Yes
ORDER_ID	number	Yes
REFUND_ORDER_ID	string	Yes
PAY_ID	string	Yes
HASH	string	Yes

- **ORDER\_ID**: Order ID generated by Merchant for original transaction

- **REFUND\_ORDER\_ID**: Order ID generated by Merchant for refund transaction

- TXN\_ID: Transaction ID generated and returned by XP PG in Response for this request

Request	<pre>{     "PAY_ID": "1061500115183054",     "ORDER_ID": "LP1581922964058",     "AMOUNT": "10000",     "TXNTYPE": "REFUND",     "CURRENCY_CODE": "356",     "REFUND_ORDER_ID": "Test2020021701",     "PG_REF_NUM": "1361500217123301",     "HASH": "E6978DE3E4142499D9344FF9CFA2071BB34CDA7E7A59EE660F45553DF16     E5E84" }</pre>
Response	{     "RESPONSE_DATE_TIME":"2020-02-17 18:42:41",     "RESPONSE_CODE":"000",     "REFUND_FLAG":"C",     "TXN_ID":"1711500217184226",     "CARD_MASK":"403587*****4947",
	<pre>"MOP_TYPE":"VI", "ACQ_ID":"8452687409", "TXNTYPE":"REFUND", "CURRENCY_CODE":"356", "RRN":"913511236314", "SURCHARGE_FLAG":"Y", "PAYMENT_TYPE":"CC", "PG_TXN_MESSAGE":"SUCCESS", "STATUS":"Captured", "PG_REF_NUM":"1426090515164549", "PAY_ID":"1061500115183054", "ORDER_ID":"LP1581922964058", "REFUND_ORDER_ID":"Test202002", "AMOUNT":"10000", "RESPONSE_MESSAGE":"SUCCESS", "TOTAL_AMOUNT": "10000", "CUST_NAME":"Rahul"</pre>

# 8.3 Transaction Authorization Reconciliation

Get the reconciliation status of transaction from PG DB after reconciliation with bank Authentication: Sha256 HASH along with request.

Request		
Environment	Method	URL
UAT	POST	https://sandbox.xpaydite.com/pgws/transact
PROD	POST	Production credentials will be shared post successful UAT integration
Parameters		Value Type
PG_REF_NUM		Number
PAY_ID		Number
AMOUNT		Number
2023-2025 XPaydite Inc. Sti	rictly Confidential Do not	circulate without permission

ORDER_ID	String
TXNTYPE	RECO
CURRENCY_CODE	Number
HASH	String

- **PG\_REF\_NUM**: PG\_REF\_NUM value of original sale transaction generated by PG

- **ORDER\_ID**: Order ID generated by Merchant

- **TXN\_ID**: Transaction ID generated and returned by PG in Response for this request

Request	<pre>{     "PG_REF_NUM":"1011180119124731",     "PAY_ID":"1001180108120354",     "ORDER_ID":"XPAYDITE00001",     "AMOUNT":"10000",     "TXNTYPE":"RECO",     "CURRENCY_CODE":"356",     "HASH":"3EA196A3A81BFC451B173BA88A59216C72DF716FB154664F36E6E7D79     7639E10" }</pre>
Response	{ "RESPONSE_DATE_TIME":"2020-02-17 18:42:41", "RESPONSE_CODE":"000",
	"TXN_ID":"1011180119124731", "ACQ_ID":"1128452687409", "TXNTYPE":"RECO", "CURRENCY_CODE":"356", "PAYMENT_TYPE":"CC", "PG_TXN_MESSAGE":"SUCCESS", "STATUS":"Settled", "PG_REF_NUM":"1426090515164549", "PAY_ID":"1001180108120354", "ORDER_ID":"XPAYDITE00001", "AMOUNT":"10000", "RESPONSE_MESSAGE":"SUCCESS", "TOTAL_AMOUNT":"10000"

# 8.4 Refund Reconciliation

Refund transaction reconciliation status.

Authentication: SHA256 HASH along with request.

Environment	Method	URL
UAT	POST	https://sandbox.xpaydite.com/pgws/transact
PROD	POST	Production credentials will be shared post successful UAT integration

Parameters	Value Type
PG_REF_NUM	String
PAY_ID	Number
AMOUNT	Number
ORDER_ID	String
ТХМТҮРЕ	REFUNDRECO
CURRENCY_CODE	Number
HASH	String

- **PG\_REF\_NUM**: PG\_REF\_NUM value of refund transaction.

- **ORDER\_ID**: Order ID generated by Merchant for sale
- TXN\_ID: Transaction ID of refund transaction generated and returned by PG in Response for this request

Request	<pre>{     "PG_REF_NUM":"1081180129103525",     "PAY_ID":"1001180108120354",     "ORDER_ID":"XPAYDITE001",     "AMOUNT":"1000",     "TXNTYPE":"REFUNDRECO",     "CURRENCY_CODE":"356",     "HASH":"E9868745D6A3D67721039EB9B6B7B92A49EA68CBC041BCAAF241EDDDE71F1     6AE" }</pre>
Response	{     "RESPONSE_DATE_TIME":"2020-02-17 19:12:41",     "RESPONSE_CODE":"000",     "TXN_ID":"1081180129103525",     "ACQ_ID":"1128452687409",     "TXNTYPE":"REFUNDRECO",     "CURRENCY_CODE":"356",     "PAYMENT_TYPE":"CC",     "PG_TXN_MESSAGE":"SUCCESS",
	"STATUS": "Settled", "PG_REF_NUM": "1081180129103525", "PAY_ID":"1001180108120354", "ORDER_ID":"XPAYDITE00001", "AMOUNT":"1000", "RESPONSE_MESSAGE":"SUCCESS", "TOTAL_AMOUNT":"1000" }

# 8.5 Delivery Status

Initiate a delivery status transaction via API Authentication: SHA256 HASH along with request.

Request
---------

Environment	Method	URL
UAT	POST	https://sandbox.xpaydite.com/pgws/deliveryStatus

PROD	POST	Production credentials will be shared post successful UAT integration
Parameters	Value Type	Required
PG_REF_NUM	Number	Yes
AMOUNT	Number	Yes
TXNTYPE	DELIVERY	Yes
ORDER_ID	Number	Yes
CURRENCY_CODE	356	Yes

PAY\_IDStringYesDELIVERY\_STATUSDELIVERED/NOT DELIVERED/PENDINGYesDELIVERY\_CODE000/100/101YesHASHStringYes- ORDER ID: Order ID generated by Merchant for original transaction

- **ORDER\_ID**: Order ID generated by Merchant for original transaction

- DELIVERY\_STATUS: All the transactions will be marked Pending first and then PENDING status will be changed to either DELIVERED or NOT DELIVERED as per response from the Merchant. 

   DELIVERED for successful delivery and o NOT DELIVERED for unsuccessful delivery.
- **DELIVERY\_CODE**: 000 for successful delivery and 100 for unsuccessful delivery.
- **PG\_REF\_NUM**: Transaction ID generated by XP Gateway

### **Non-Delivery**

Request	<pre>{     "PAY_ID":"1020300418125741",     "CURRENCY_CODE":"356",     "AMOUNT":"100",     "ORDER_ID":"LP1587367043412",     "DELIVERY_STATUS":"NOT DELIVERED",     "DELIVERY_CODE":"100",     "PG_REF_NUM":"1017800420124728",     "TXNTYPE":"NON DELIVERY",     "HASH":"47EFC586B39DBB9F8C2D9B4500E25371A47984F72B0C37FE534A85C58     IBAEFEF" }</pre>
Response	{

"REFUND FLAG":"C",
"TXN ID":"1043000420174003",
"MOP TYPE":"CD",
"ACQ_ID":"COD1053000420174004",
"TXNTYPE":"REFUND",
"CURRENCY_CODE":"356",
"HASH":"4A8431763E3B3623D34BC6941CF7FE20EA9E7237D46E3156F47D1227
200078F6", "PAYMENT_TYPE":"CD",
"STATUS":"Captured",
"PG_REF_NUM":"1043000420174003",
"PAY_ID":"1020300418125741",
"ORDER_ID":"LP1587384335930",
"AMOUNT": "1000",
"RESPONSE_MESSAGE":"SUCCESS",
"ORIG_TXN_ID":"1013000420173558",
"CUST_EMAIL":"rahul@XPaydite.com",
"REFUND_ORDER_ID":"1033000420174003",
"TOTAL_AMOUNT":"1000",
"CUST_NAME":"Rahul Kumar"
}

### Pending

Request	{
	"CURRENCY_CODE":"356", "AMOUNT":"100",
	"ORDER_ID":"LP1587367043412", "DELIVERY_STATUS":"NOT DELIVERED",
	"DELIVERY_CODE":"101",
	"PG_REF_NUM":"1017800420124728", "TXNTYPE":"PENDING",
	"HASH":"47EFC586B39DBB9F8C2D9B4500E25371A47984F72B0C37FE534A85C581
	BAEFEF" }

Response	{
	"RESPONSE_DATE_TIME":"2020-04-20 17:40:04",
	"RESPONSE_CODE":"000",
	"REFUND FLAG":"C",
	"TXN ID":"1043000420174003",
	"MOP TYPE":"CD",
	"ACQ_ID":"COD1053000420174004",
	"TXNTYPE":"REFUND",
	"CURRENCY_CODE":"356",
	"HASH":"4A8431763E3B3623D34BC6941CF7FE20EA9E7237D46E3156F47D1227200
	078F6",
	"PAYMENT_TYPE":"CD",
	"STATUS":"Captured",
	"PG_REF_NUM":"1043000420174003",
	"PAY_ID":"1020300418125741",
	"ORDER_ID":"LP1587384335930",
	"AMOUNT":"1000",
	"RESPONSE_MESSAGE":"SUCCESS",
	"ORIG_TXN_ID":"1013000420173558",
	"CUST_EMAIL":"rahul@XPaydite.com",
	"REFUND_ORDER_ID":"1033000420174003",
	"TOTAL_AMOUNT":"1000",
	"CUST_NAME":"Rahul Kumar"
	}

### **Successful Delivery**

Request	{     "PAY_ID":"1020300418125741",     "CURRENCY_CODE":"356",     "AMOUNT":"100",     "ORDER_ID":"LP1587384335930",     "DELIVERY_STATUS":"DELIVERED",     "DELIVERY_CODE":"100",     "PG_REF_NUM":"1013000420173558",     "TXNTYPE":"DELIVERY",     "HASH":"47EFC586B39DBB9F8C2D9B4500E25371A47984F72B0C37FE534A85C58     1BAEFEF"
	IBAEFEF }
Response	<pre>{     "RESPONSE_DATE_TIME":"2020-04-20 17:38:31",     "RESPONSE_CODE":"000",     "PAY_ID":"1020300418125741",     "PG_REF_NUM":"1013000420173558",     "ORDER_ID":"LP1587384335930",     "AMOUNT":"1000",     "RESPONSE_MESSAGE":"Delivery status marked",     "CURRENCY_CODE":"356",     "HASH":"4A8431763E3B3623D34BC6941CF7FE20EA9E7237D46E3156F47D122     7200078F6", }</pre>