XPaydite

Seamless Hosted Integration

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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: PROCESSED, PENDING, TEMPORARY, SCHEDULED, CANCELLED, FAILED, CHARGE BACKED, SUCCESSFULLY . |
| 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

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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

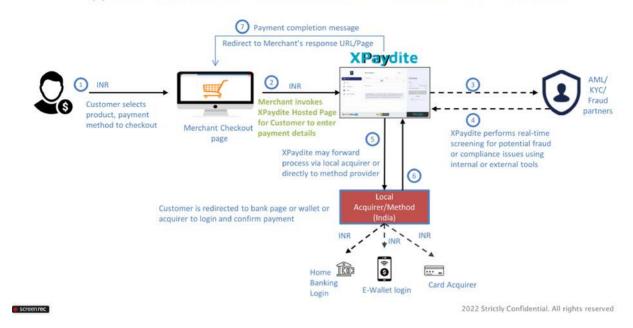


Figure 1: XPaydite Hosted Customer Transaction Process

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 |

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| 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 ⁽¹⁾ | 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 ⁽¹⁾ | NU | 2 | 12 | 2400, 6000 |
| OTAL_TAXABLE_AMOUNT | Total of taxable amount for all products | CM ⁽¹⁾ | 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 ⁽¹⁾ | 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 ⁽¹⁾ | NU | 2 | 120 | 18, 25, 750 |
| TAXABLE_AMOUNT | Taxable amount to be derived as product of Unit Price and Quantity | CM ⁽¹⁾ | NU | 2 | 120 | 1050, 2000 |
| SUB_TOTAL | Aggregate amount calculated as quantity for each product multiplied by its unit price, including tax amount | CM ⁽¹⁾ | 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 ⁽¹⁾ 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.

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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 1st, 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

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| 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 t > | |
|---|----------------|--|
| <input< td=""><td>type="hidden"</td><td>name="PAY_ID" value="1507281443471000"/></td></input<> | type="hidden" | name="PAY_ID" value="1507281443471000"/> |
| <input< td=""><td>type="hidden"</td><td>name="MERCHANTNAME" value="Demo Merchant"/></td></input<> | type="hidden" | name="MERCHANTNAME" value="Demo Merchant"/> |
| <input< td=""><td>type="hidden"</td><td>name="ORDER_ID" value="ORD123"/></td></input<> | type="hidden" | name="ORDER_ID" value="ORD123"/> |
| <input< td=""><td>type="hidden"</td><td>name="AMOUNT" value="100"/></td></input<> | type="hidden" | name="AMOUNT" value="100"/> |
| <input< td=""><td>type="hidden"</td><td>name="<i>TXNTYPE</i>" value="<i>SALE</i>"/></td></input<> | type="hidden" | name=" <i>TXNTYPE</i> " value=" <i>SALE</i> "/> |
| <input< td=""><td>type="hidden"</td><td>name="CUST_NAME" value="Demo"/></td></input<> | type="hidden" | name="CUST_NAME" value="Demo"/> |
| <input< td=""><td>type="hidden"</td><td>name="CUST_STREET_ADDRESS1" value="Gurgaon"/></td></input<> | type="hidden" | name="CUST_STREET_ADDRESS1" value="Gurgaon"/> |
| <input< td=""><td>type="hidden"</td><td>name="CUST_ZIP" value="123456"/></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>"/></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"/></td></input<> | type="hidden" | name="CUST_EMAIL" value="test@gmail.com"/> |
| <input< td=""><td>type="hidden"</td><td>name="PRODUCT_DESC" value="CD Player"/></td></input<> | type="hidden" | name="PRODUCT_DESC" value="CD Player"/> |
| <input< td=""><td>type="hidden"</td><td>name="CURRENCY_CODE" value="356"/></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"/></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 3rd 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 |
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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 |
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| 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> |