



Seamless APIs Integration Guide

Online Payment Processing for Businesses Worldwide

1. Authorization:

Request Method {base_url}: <https://ulis.live:4014>

All payment requests must be sent using the HTTPS POST method to the Hosted PaymentPage gateway URL:

Headers:

Header key	Description
merchant_key	Merchant key, Get this from API key section
merchant_secret	Merchant secret, Get this from API key section

AUTHORIZE: Request body (JSON):

URL: {base_url}/api/v1/orders

METHOD: POST

Field	Type	Description
action	required	Action Type (Auth)
transaction.source	required	Transaction Source
card.name_on_card	required	Card Owner Name
card.expiry.month	required	Expiry month of the card
Card.expity.year	required	Expiry year of the card
card.securityCode	required	CVV of the card
customer_details.name	required	Name of customer
customer_details.email	required	Email of customer
customer_details.mobile_code	required	Country code of customer
customer_details.mobile	required	Mobile of the customer
order_details.order_id	required	Order reference (unique order ID)
order_details.amount	required	Amount of the transaction
order_details.currency	required	Currency code for the transaction
order.description	required	Order Description
billing_details.address_line1	Optional	Billing Address of Customer
billing_details.address_line2	Optional	Billing Address of Customer
billing_details.country	Optional	Billing Country of Customer
billing_details.city	Optional	Billing City of Customer
billing_details.pin	Optional	Billing Pin Code of Customer
billing_details.province	Optional	Billing Province of Customer
shipping_details.address_line1	Optional	Shipping Address of Customer
shipping_details.address_line2	Optional	Shipping Address of Customer
shipping_details.country	Optional	Shipping Country of Customer
shipping_details.city	Optional	Shipping City of Customer
shipping_details.pin	Optional	Shipping Pin-code of Customer
shipping_details.province	Optional	Shipping Province of Customer

Payload: -

```
{
  "action": "auth",
  "transaction": {
    "source": "ecom"
  },
  "card": {
    "name_on_card": "Jhon Doe",
    "number": "5123450000000008",
    "expiry": {
      "month": "01",
      "year": "39"
    },
    "security_code": "102"
  },
  "customer_details": {
    "name": "Jhon Doe",
    "email": "testapi@emial.com",
    "mobile_code": "971",
    "mobile": "876567656"
  },
  "order_details": {
    "order_id": "URI879000", //should be unique ids
    "amount": "101",
    "currency": "SAR",
    "description": "Lorem Ipsum"
  },
  "billing_details": {
    "address_line1": "Dubai Digital Park ",
    "address_line2": "",
    "country": "United Arab Emirates ",
    "city": "Dubai",
    "pin": "699999",
    "province": "Dubai"
  },
  "shipping_details": {
    "address_line1": "Dubai Digital Park ",
    "address_line2": "",
    "country": "United Arab Emirates ",
    "city": "Dubai",
    "pin": "699999",
    "province": "Dubai"
  },
}
```

Response body – Non 3DS (JSON):

Field	Description
status	Final state of the transaction
message	Description for the result
order{}	Order details
code	Gateway code
data	Response data

```
{
  "data": {
    "status": "AUTHORISED",
    "order_id": "0ER12ZI30",
    "transaction_id": 100000372,
    "amount": "101",
    "currency": "SAR",
    "payment_method": "DEBIT",
    "payment_method_data": {
      "scheme": "MASTERCARD",
      "card_country": "UNITED STATES",
      "country_code": "US",
      "masked_no": "5111*****1118"
    },
    "transaction_date": "2023-06-28 07:41:28"
  },
  "message": "AUTHORISED",
  "status": "success",
  "code": "00"
}
```

Response body – 3DS (JSON):

Field	Description
status	Final state of the transaction
message	Description for the result
order{}	Order details
code	Gateway code
data	Response data

```
{
  "data": {
    "consumerAuthenticationInformation": {
      "accessToken":
"eyJ0aHJlZURTU2VydmVyVHJhbnNJRCI6ImQxODMyMzVhLTU1ZWtNGY0ZC1iMjMyLTdjY
jA2MDk2NDE2OSJ9",
      "acsUrl":
"https://mtf.gateway.mastercard.com/acs/mastercard/v2/prompt"
    },
    "status": "AUTHENTICATION_PENDING",
    "submitTimeUtc": "2023-10-04T13:17:44.433Z",
    "order": {
      "id": "URI879001",
      "creationTime": "2023-10-04T13:17:43.999Z",
      "currency": "SAR"
    }
  },
  "message": "success",
  "status": "success",
  "code": "00"
}
```

1.1 After getting accessToken and acsURL submit below html form

```
<!DOCTYPE html>
<html>
<head>
  <title>3D Secure Authentication</title>
  <script> function autoSubmitForm() { document.forms[0].submit(); } </script>
</head>
<body onload="autoSubmitForm();" >
  <form action='https://mtf.gateway.mastercard.com/acs/mastercard/v2/prompt'
method='post' >
    <input type='hidden' name='creq'
value='eyJ0aHJlZURTU2VydmVyVHJhbnNJRCI6ImQxODMyMzVhLTU1ZWtNGY0ZC1iMjMyLTdjY
iMjQ3YyJ9' />
  </form>
</body>
</html>
```

1.2 Once get the response form above form submission, need to call for update 3ds.

Request body (JSON):

URL: **{base_url}/api/v1/open/orders**

METHOD: POST

Field	Type	Description
action	required	Action Type (threads)
card.name_on_card	required	Card Owner Name
card.expiry.month	required	Expiry month of the card
Card.expity.year	required	Expiry year of the card
card.securityCode	required	CVV of the card
transaction.order_id	required	Order id of transaction
transaction.transaction_id	required	Transaction Id Generate from Response
Transaction.remark	required	Transaction Remark

Payload: -

```
{
  "action": "threads",
  "card": {
    "name_on_card": "Pawan",
    "number": "5123450000000008",
    "expiry": {
      "month": "01",
      "year": "39"
    },
    "security_code": "100"
  },
  "transaction": {
    "transaction_id": "TXNS2023B9D4A",
    "order_id": "IOP123045",
    "remark": ""
  }
}
```

Response body (JSON):

The JSON response on success return an payment link through which Purchase can be made:

Field	Description
status	Final state of the transaction
message	Description for the result
code	Gateway code
data	Response data

```
{
  "data": {
    "status": "APPROVED",
    "order_id": "IOP123045",
    "transaction_id": 100000000670,
    "amount": 101,
    "currency": "SAR",
    "payment_method": "CREDIT CARD",
    "payment_method_data": {
      "scheme": "MASTERCARD",
      "card_country": "UNITED ARAB EMIRATES",
      "masked_no": "5123xxxxxxxx0008"
    },
    "transaction_date": "2023-10-04 16:31:52"
  },
  "message": "Paid successfully.",
  "status": "success",
  "code": "00"
}
```

2. Capture:

Request body (JSON):

URL: **{base_url}/api/v1/open/orders**

METHOD: POST

Field	Type	Description
action	required	Action Type (capture)
transaction.amount	required	Amount to capture
transaction.currency	required	Currency of transaction
transaction.transaction	required	Transaction Id Generate from Response
remark	required	Transaction Remark

Payload: -

```
{
  "action": "capture",
  "transaction": {
    "amount": "101",
    "currency": "SAR",
    "order_id": "0ER12ZI",
    "transaction_id": 100000369,
    "remark": ""
  }
}
```

Response body (JSON):

The JSON response on success return an payment link through which Purchase can be made:

Field	Description
status	Final state of the transaction
message	Description for the result
code	Gateway code
data	Response data

```
{
  "data": {
    "order_id": "0ER12ZI",
    "txn": 100000370,
    "status": "APPROVED",
    "type": "CAPTURE",
    "amount": "101",
    "currency": "SAR",
    "created_at": "2023-06-28 07:15:26"
  },
  "message": "Captured Successfully",
  "status": "success",
  "code": "00"
}
```


3. Sale:

Request Method

URL: **{base_url}/api/v1/open/orders**

All payment requests must be sent using the HTTPS POST method to the Hosted PaymentPage gateway URL:

Headers:

Header key	Description
merchant_key	Merchant key, Get this from API key section
merchant_secret	Merchant secret, Get this from API key section

Sale: Request body (JSON):

Field	Type	Description
action	required	Action Type (Sale)
transaction.source	required	Transaction Source
card.name_on_card	required	Card Owner Name
card.expiry.month	required	Expiry month of the card
Card.expiry.year	required	Expiry year of the card
card.securityCode	required	CVV of the card
customer_details.name	required	Name of customer
customer_details.email	required	Email of customer
customer_details.country_code	required	Country code of customer
customer_details.mobile	required	Mobile of the customer
order_details.order_id	required	Order reference (unique order ID)
order_details.amount	required	Amount of the transaction
order_details.currency	required	Currency code for the transaction
order.description	required	Order Description
billing_details.address_line1	Optional	Billing Address of Customer
billing_details.address_line2	Optional	Billing Address of Customer
billing_details.country	Optional	Billing Country of Customer
billing_details.city	Optional	Billing City of Customer
billing_details.pin	Optional	Billing Pin Code of Customer
billing_details.province	Optional	Billing Province of Customer
shipping_details.address_line1	Optional	Shipping Address of Customer
shipping_details.address_line2	Optional	Shipping Address of Customer
shipping_details.country	Optional	Shipping Country of Customer
shipping_details.city	Optional	Shipping City of Customer
shipping_details.pin	Optional	Shipping Pin-code of Customer
shipping_details.province	Optional	Shipping Province of Customer

Payload: -

```
{
  "action": "sale",
  "transaction": {
    "source": "ecom"
  },
  "card": {
    "name_on_card": "Jhon Doe",
    "number": "5123450000000008",
    "expiry": {
      "month": "01",
      "year": "39"
    },
    "security_code": "102"
  },
  "customer_details": {
    "name": "Jhon Doe",
    "email": "testapi@emial.com",
    "country_code": "971",
    "mobile": "876567656"
  },
  "order_details": {
    "order_id": "URI879000", //should be unique ids
    "amount": "101",
    "currency": "SAR",
    "description": "Lorem Ipsum"
  },
  "billing_details": {
    "address_line1": "Dubai Digital Park ",
    "address_line2": "",
    "country": "United Arab Emirates ",
    "city": "Dubai",
    "pin": "699999",
    "province": "Dubai"
  },
  "shipping_details": {
    "address_line1": "Dubai Digital Park ",
    "address_line2": "",
    "country": "United Arab Emirates ",
    "city": "Dubai",
    "pin": "699999",
    "province": "Dubai"
  },
}
```

Response body – Non 3DS (JSON):

The JSON response on success return an payment link through which Purchase can be made:

Field	Description
status	Final state of the transaction
message	Description for the result
order{}	Order details
code	Gateway code
data	Response data

```
{
  "data": {
    "order_id": "OER12ZI",
    "txn": 100000370,
    "status": "APPROVED",
    "type": "CAPTURE",
    "amount": "101",
    "currency": "SAR",
    "created_at": "2023-06-28 07:15:26"
  },
  "message": "Captured Successfully",
  "status": "success",
  "code": "00"
}
```

Response body – 3DS (JSON):

Field	Description
status	Final state of the transaction
message	Description for the result
order{}	Order details
code	Gateway code
data	Response data

```
{
  "data": {
    "consumerAuthenticationInformation": {
      "accessToken":
"eyJ0aHJlZURTU2VydmVyVHJhbnNJRCI6ImQxODMyMzVhLTU1ZWtNGY0ZC1iMjMyLTdjYjA2MDk2NDE2OSJ9",
      "acsUrl":
"https://mtf.gateway.mastercard.com/acs/mastercard/v2/prompt"
    },
    "status": "AUTHENTICATION_PENDING",
    "submitTimeUtc": "2023-10-04T13:17:44.433Z",
    "order": {
      "id": "URI879001",
      "creationTime": "2023-10-04T13:17:43.999Z",
      "currency": "SAR"
    }
  },
  "message": "success",
  "status": "success",
  "code": "00"
}
```

After getting accessToken and acsURL , Kindly follow process point 1.1

4. Refund:

Request body (JSON):

URL: **{base_url}**/api/v1/open/orders

METHOD: POST

Field	Type	Description
action	required	Action Type (refund)
transaction.amount	required	Amount to capture
transaction.currency	required	Currency of transaction
transaction.transaction	required	Transaction Id Generate from Auth Response
remark	required	Transaction Remark

Payload: -

```
{
  "action": "refund",
  "transaction": {
    "amount": "100",
    "currency": "SAR",
    "transaction_id": "100000000354",
    "remark": ""
  }
}
```

Response body (JSON):

The JSON response on success return an payment link through which Purchase can be made:

Field	Description
status	Final state of the transaction
message	Description for the result
code	Gateway code
data	Response data

```
{
  "data": {
    "order_id": "URI879000",
    "transaction_id": "100000000360",
    "amount": "100.00",
    "currency": "SAR",
    "status": "APPROVED",
    "type": "REFUND"
  },
  "message": "success",
  "status": "success",
  "code": "00"
}
```

5. Void:

Request body (JSON):

URL: **{base_url}/api/v1/open/orders**

METHOD: POST

Field	Type	Description
action	required	Action Type (void)
transaction.amount	required	Amount to capture
transaction.currency	required	Currency of transaction
transaction.transaction	required	Transaction Id Generate from Auth Response
remark	required	Transaction Remark

Payload: -

```
{
  "action": "void",
  "transaction": {
    "amount": "100",
    "currency": "SAR",
    "transaction_id": "100000000354",
    "remark": ""
  }
}
```

Response body (JSON):

The JSON response on success return an payment link through which Purchase can be made:

Field	Description
status	Final state of the transaction
message	Description for the result
code	Gateway code
data	Response data

```
{
  "data": {
    "order_id": "URI879000",
    "transaction_id": "100000000360",
    "amount": "100.00",
    "currency": "SAR",
    "status": "APPROVED",
    "type": "VOID"
  },
  "message": "success",
  "status": "success",
  "code": "00"
}
```