



CLICK

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Contact E-mail Address : **support@clickkw.com**

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1. Introduction

This document describes the Click gateway payment. This gateway payment can be used to connect your Store to CLICK. In this document CLICK will be further abbreviated as CLK, but this abbreviation should not be used in communication or documentation of the plugin to Webshops. The examples contain many long texts, such as tokens, signatures and URLs. To keep the text readable, these are provided with (extra) end-of-lines. Extra end-of-lines should not be stopped in the messages and will not be included in the real messages.

1.1. Overview

The payment interface consists of 3 calls from the Store to Click (CLK)

The payment of an order at CLK consists of the following steps:

1. The Store display CLK as payment method
2. The Store leads the consumer to CLK.
2. The Consumer select payment method supported by CLK (KNET - Credit Card)
3. The Consumer executes the payment using CLK with selected payment method
4. CLK display result of payment
5. The consumer will back to the web Store
6. CLK return back result to Store a message to indicate payment status

The calls are:

- Create Session
- Update Session
- Payment Status

In all calls Authorization are used

2. Type of payment Method

2.1. K-NET

2.1.1. Introduction

KNETPAY is Knet's Payment Gateway solution for Kuwaiti merchants and service companies with e-commerce capabilities. The service will support Knet co-branded ATM card transactions over the web. Knet will introduce credit cards on the future.

The objective of this document is to provide supplementary technical information on merchant website integration with Knet Payment Gateway

2.1.2. Service Overview

Knet Payment Gateway (PG) service will provide a payment facility for merchant services or goods. The main features of the Knet PG service are:

Support Knet co-branded debit cards

Secured, Knet-hosted payment page

Online authorization of payment transactions

Merchant-gateway plug-in integration

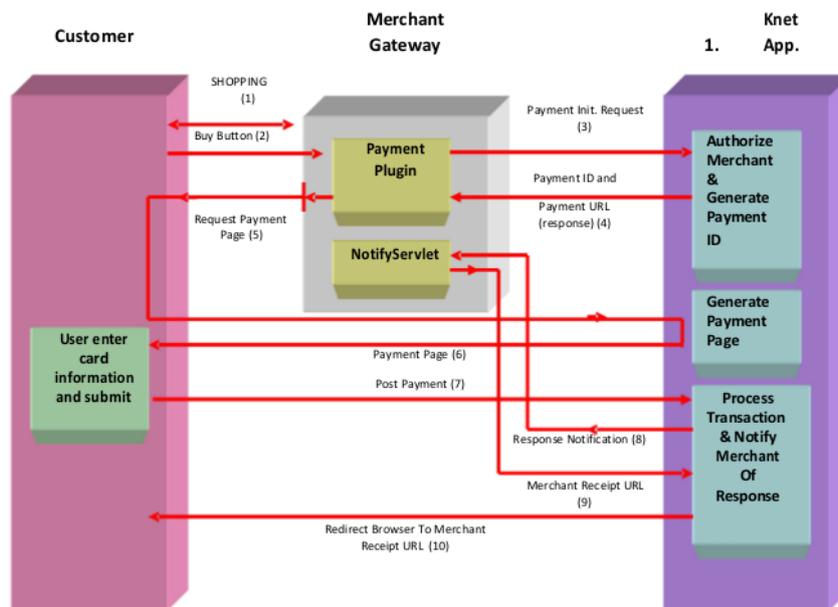
Knet is using Applied Communication Inc (ACI). E24 Commerce Gateway solution.

2.1.2. Service Pre-requisites

- Secured web/application server
- Plug-ins
- Network and SSL

2.1.3. Transaction processing

1. Transaction flow



2. Payment Page



Billing Information

Merchant : Click
Website : <http://www.clickkw.com>
Amount : KD 6.000

Card Information

Select Your Bank : Knet Test Card [KNET1]
Card Number : 888888
Expiration Date : 12 2018
PIN :

You are paying through



Knet Test Card

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[Copyrights](#) | [Privacy Policy](#) | [Disclaimer](#) | [View Certificate](#) | [Contact Us](#)

    
@knetkw

3. Confirmation Page



Billing Information

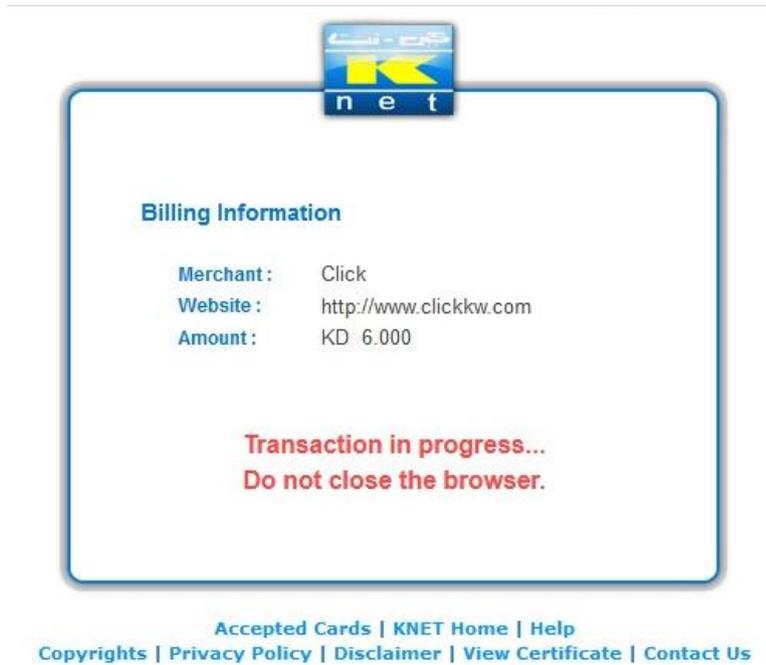
Merchant : Click
Website : <http://www.clickkw.com>
Amount : KD 6.000

Card Information

Card Number : *****0008
Expiration Month : 12
Expiration Year : 2018
PIN : ****

[Accepted Cards](#) | [KNET Home](#) | [Help](#)
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4. Transaction in Progress



5. Sample Receipt Page



Knet Merchant Demo Shopping Center

**Transaction Completed Successfully
Thank You For Your Order**

Transaction Details (from Merchant Notification Message)	
Payment ID :	6520723431092170
Post Date :	0805
Result Code :	CAPTURED
Transaction ID :	920432431092170
Auth :	000000
Track ID :	7055476
Ref No :	921710482553

2.2. Credit Card

2.2.1. Introduction

A **credit card** is a payment card issued to users (cardholders) to enable the cardholder to pay a merchant for goods and services based on the cardholder's promise to the card issuer to pay them for the amounts so paid plus the other agreed charges

2.2.2. Service Pre-requisites

- Ensure that your merchant profile is enabled for the Hosted Checkout service.
- It is recommended that you opt for the Notifications service to receive notifications (email/Webhook) if the payment is successful. The gateway (on behalf of you) can also send email notifications to the payer.
- Before you start your integration, see Best Practices and Tips.

2.2.3. Request Interaction

```
<html>
<head>
<script src="https://ap-gateway.mastercard.com/checkout/version/50/checkout.js"
data-error="errorCallback"
data-cancel="cancelCallback">
</script>
<script type="text/javascript">
function errorCallback(error) {
console.log(JSON.stringify(error));
}
function cancelCallback() {
console.log('Payment cancelled');
}

Checkout.configure({
merchant: '<your_merchant_id>',
order: {
amount: function() {
//Dynamic calculation of amount
return 80 + 20;
},
currency: 'USD',
description: 'Ordered goods',
id: '<unique_order_id>'
},
interaction: {
merchant: {
name: 'Your merchant name',
address: {
line1: '200 Sample St',
line2: '1234 Example Town'
}
}
}
});
</script>
</head>
<body>
...
<input type="button" value="Pay with Lightbox"
onclick="Checkout.showLightbox();" />
<input type="button" value="Pay with Payment Page"
onclick="Checkout.showPaymentPage();" />
...
</body>
</html>
```

2.2.3. Callbacks

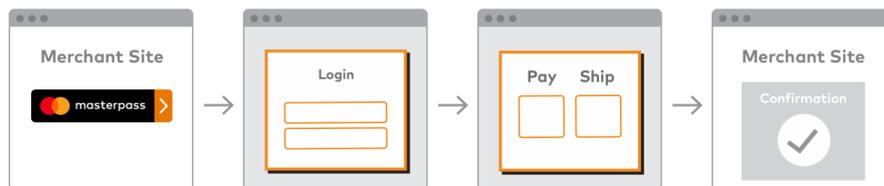
```
<script src="https://ap-gateway.mastercard.com/checkout/version/50/checkout.js"
  data-cancel="cancelCallback"
  data-beforeRedirect="Checkout.saveFormFields"
  data-afterRedirect="Checkout.restoreFormFields">
</script>
<script>
  function cancelCallback() {
    confirm('Are you sure you want to cancel?');
    // code to manage payer interaction
  }
  // or if you want to provide a URL:
  // cancelCallback = "someURL"
</script>
```

2.2.4. Types of Transactions

- Card-Present Transactions
- Card-Not-Present Transactions
- Transactions with Special Data
- International Transactions

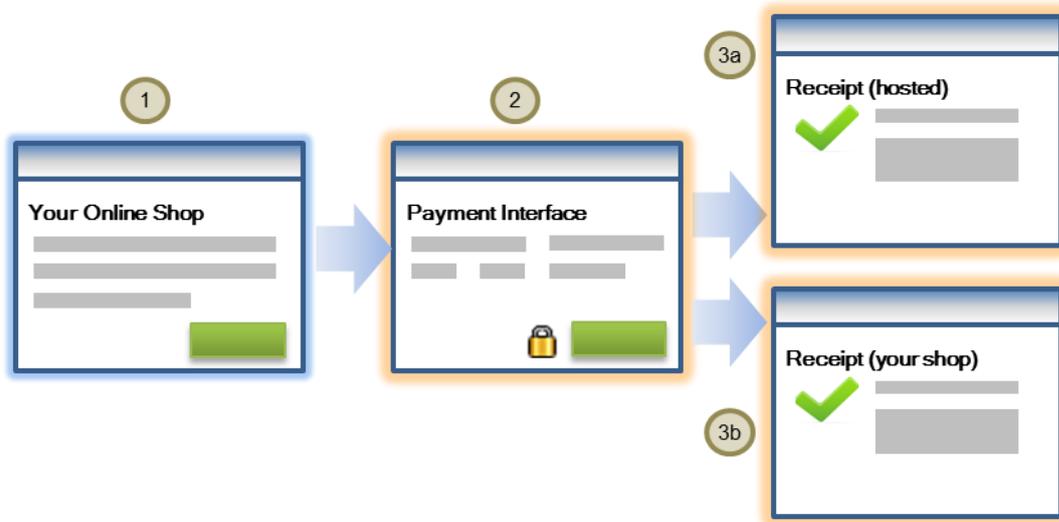
2.2.5. Types of Payment method

2.2.5.1 Standard Method



Standard Checkout Experience

2.2.5.2. Hosted Checkout



The payment flow for the Hosted Checkout model is illustrated below.

1. The payer initiates the payment process for goods and services at your shop site. In response, your application submits a JavaScript request with the required data to the MasterCard Payment Gateway to display the chosen payment interface: a Lightbox or Hosted Payment Page.
2. The payer is presented with the payment interface. The display contents (like your business information and order details), as well as other aspects of the payment interface, are controlled by the data in your request.

The payer enters the required information, and clicks "Pay".

The MasterCard Payment Gateway collects and verifies the payment details and processes the payment.

If you are configured for a browser payment service such as PayPal , or a digital wallet service such as Masterpass, these services display as a payment option alongside other card options. If the payer chooses to pay using one of these services, the payer will be redirected to the service provider's website to select the payment details.

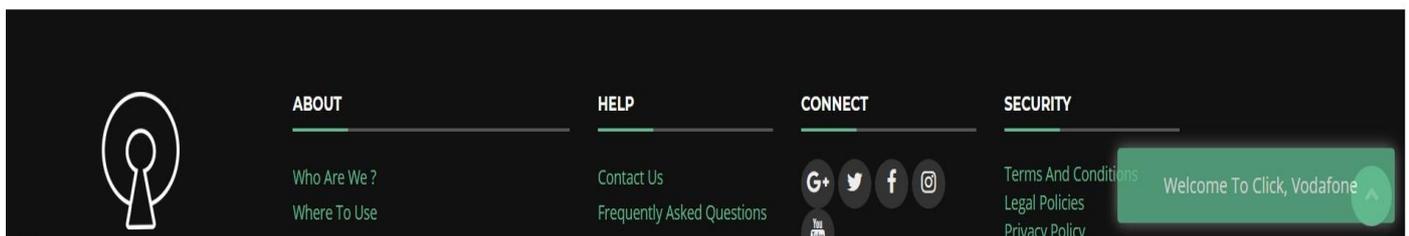
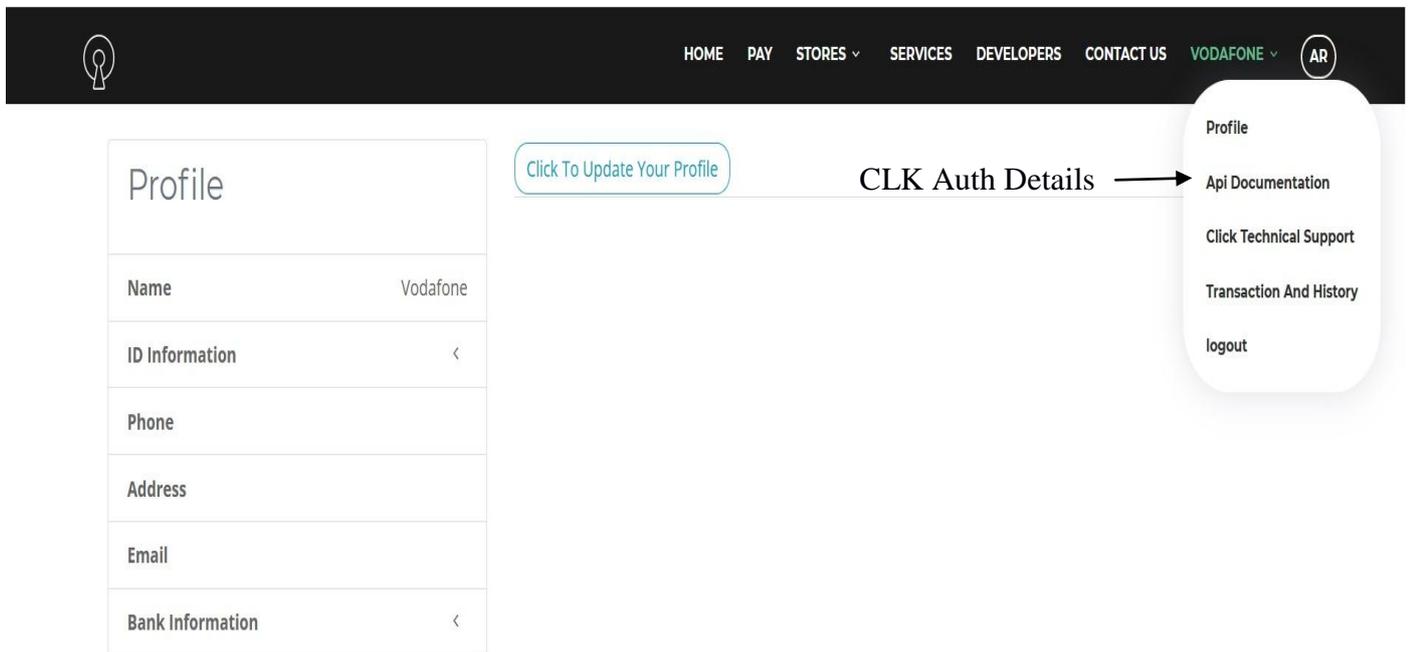
If you are configured for the 3-D Secure Service, by default your payer will be prompted to authenticate before performing the payment. You can choose to bypass the authentication, see Bypass Security Features.

3. If the payment is successful, the payer can obtain the payment details from one of these sources:
 - a) A MasterCard Payment Gateway-hosted receipt (in the Lightbox or on a hosted page). This is the default behavior.
 - b) Your shop site.
 - c) Email notifications. You must subscribe to payer notifications to implement this.

If the payment is unsuccessful, Hosted Checkout displays the result, allowing the payer to retry the transaction with different payment details.

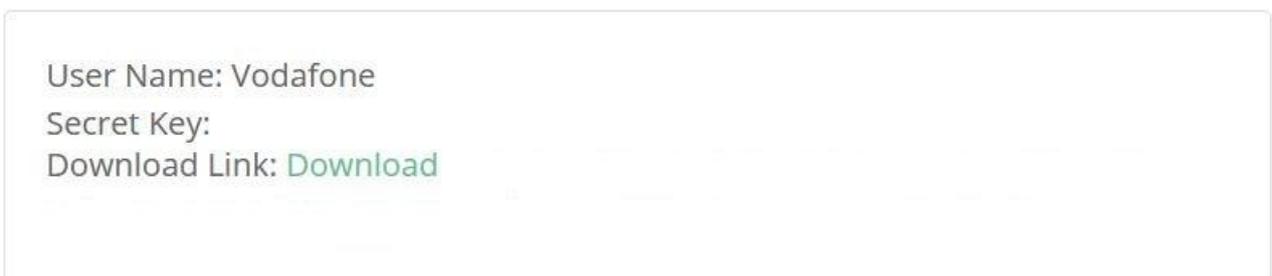
3. Auth Data

3.1 Developer panel



3.2 Details to connect with CLK when click on Api Documentaion

API DOCUMENTAION



4. Payment Steps

1. The Store display CLK as payment method
2. The Store leads the consumer to CLK.
2. The Consumer select payment method supported by CLK (KNET - Credit Card)
3. The Consumer executes the payment using CLK with selected payment method
4. CLK display result of payment
5. The consumer will back to the web Store
6. CLK return back result to Store a message to indicate payment status

4.1. Display method

Store display CLK as payment method.



4.2. Open Gateway Payment

Open Gateway payment follow these steps then Customer will choose payment method supported by CLK

3.2.1 Create Session API

3.2.2 Update Session API

4.2.1 Call Create Session API to Open CLK Gateway Payment

Session created after customer finished selected products from your store, Request contains the details of the order and select **CLK** as payment method. The result of this is a redirect URL where the browser of the consumer has to be sent.

Request

Call

The call is an HTTPS POST request with a JSON body.

URL

Production environment: <https://clickkw.com/api/developer/gatedeveloper/{developeruser}>

developeruser: Sent by CLK developer team

Example:

<https://clickkw.com/api/developer/gatedeveloper/Dev1>

Headers

A minimum of two entries are required in the header:

Content-Type: application/json

Authorization: Bearer **TOKEN'**;

TOKEN': Step 3(page 13)

Example:

Content-Type: application/json

Authorization: Bearer CIQC2Z5WUVTAKcBHISsOVMJIJE8PAbVe5

Body

No Body for Create Session API

Response:

```
{  
  
  "apiVersion": 1,  
  
  "gatewayResponse": {  
  
    "result": "SUCCESS",  
  
    "session_id": " U0VTU0IPTjQ1UHdjdkljslaskdjwdsdaFEdd ",  
  
    "session_expire": {  
  
      "date": "2019-01-20 14:46:16.834709",  
  
      "timezone_type": 3,  
  
      "timezone": "Asia/Kuwait"  
  
    },  
  
    "indicator_status": "VTU0IPTjQ1UHdjdkljslaskdjwdsdjwdsjldiaj",  
  
    "status": "No_status"  
  
  }  
  
}
```

KEY	Value	Explain
apiVersion	1	API version created by CLK
gatewayResponse	Object	Object contain all data developer need to create success payment for customer
result	SUCCESS	Success mean session created successfully and u can use it
session_id	U0VTU0IPTjQ1UHdjkljlsaskdjlwdaFEdd	This is customer Session (MUST SAVE IT)
session_expire	"date": "2019-01-20 14:46:16.834709", "timezone_type": 3, "timezone": "Asia/Kuwait"	This mean session valid for 45 MIN only BY KUWAIT time
indicator_status	VTU0IPTjQ1UHdjkljlsaskdjldjldjldiaj	This indicator Developer need to check payment status if payment status Success CLK will return same indicator if Error CLK will return different indicator
status	No_status	This mean no status for this session till now

4.2.2 Update Session

Session will update with Order ID ,Order Amount and Return URL

Request

Call

The call is an HTTPS POST request with a JSON body.

URL

Production environment: :

<https://clickkw.com/api/developer/gatedeveloper/sessionupdate/{developeruser}>

developeruser : Sent by CLK developer team

Example:

<https://clickkw.com/api/developer/gatedeveloper/sessionupdate/Dev1>

Headers

A minimum of two entries are required in the header:

Content-Type: application/json

Authorization: Bearer **TOKEN'**;

TOKEN': Step 3(page 13)

Example:

Content-Type: application/json

Authorization: Bearer CIQC2Z5WUVTAKcBHISsOVMJIJE8PAbVe5

Body

ALL details of **ORDER** placed in the body as a JSON message

Field	Format	Length	Example	Explanation	Required
session_id	varchar	255	U0VTU0IPTjQ1UHdjkljsla skdjlwdaFEdd	Session created using CREATE SESSION API	YES
order_id	Int	11	1	Order created by customer UNIQUE	YES
Order_amout	decimal	8,2	<u>100</u>	Amout of order be placed	YES
return_url	varchar	255	<u>Www.order.com/return</u>	Defined URL to return after end payment	YES
Customer_name	varchar	255	Customer	Customer number	Option
customer_phone	varchar	255	12345678	Customer Name	Option
customer_email	varchar	255	<u>order@orders.com</u>	Customer address	Option
customer_address	varchar	255	Customer Address	Customer email	Option
customer_comment	varchar	255	Customer Comment	Customer Comment	Option
customer_civilid	varchar	255	123456789123	Customer Civil ID	Option

Parameters

Language of payment gateway default English

Ar = Arabic

Example:

<https://clickkw.com/api/developer/gatedeveloper/sessionupdate/Dev1/ar>

Example:

If developer want to open Arabic payment gateway:

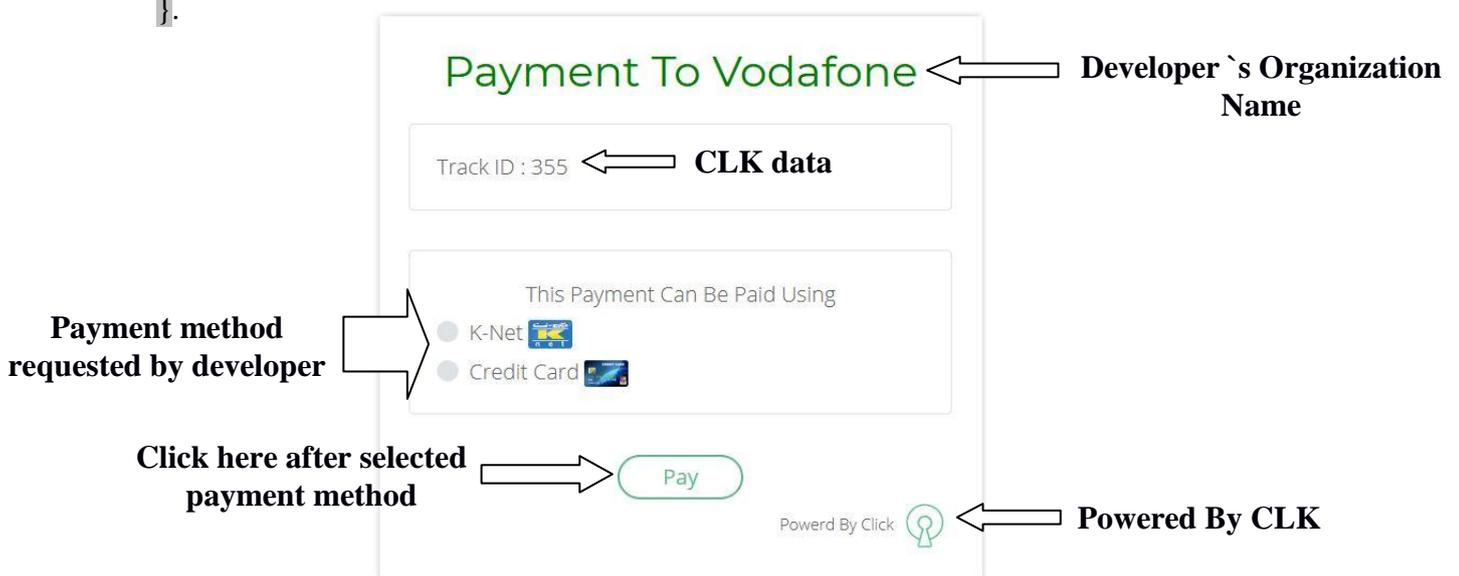
Call update session api using this link:

<https://clickkw.com/api/developer/gatedeveloper/sessionupdate/Dev1/en>

and then send in body data this json message.

```
{  
  "session_id": "U0VTU0IPTjQ1UHdjkljlsaskdj1wsdaFEdd",  
  "order_id": 1,  
  "order_amout": 100,  
  "Customer_id":1,  
  "return_url ":"Www.order.com/fail",  
  "customer_name":" Customer ",  
  "customer_phone":12345678,  
  "customer_email":" order@orders.com ",  
  "customer_address":"Customer Address",  
  "customer_comment":"Comment",  
  "customer_civilid":123456789123  
  "lang":en  
}
```

Then CLK gateway open

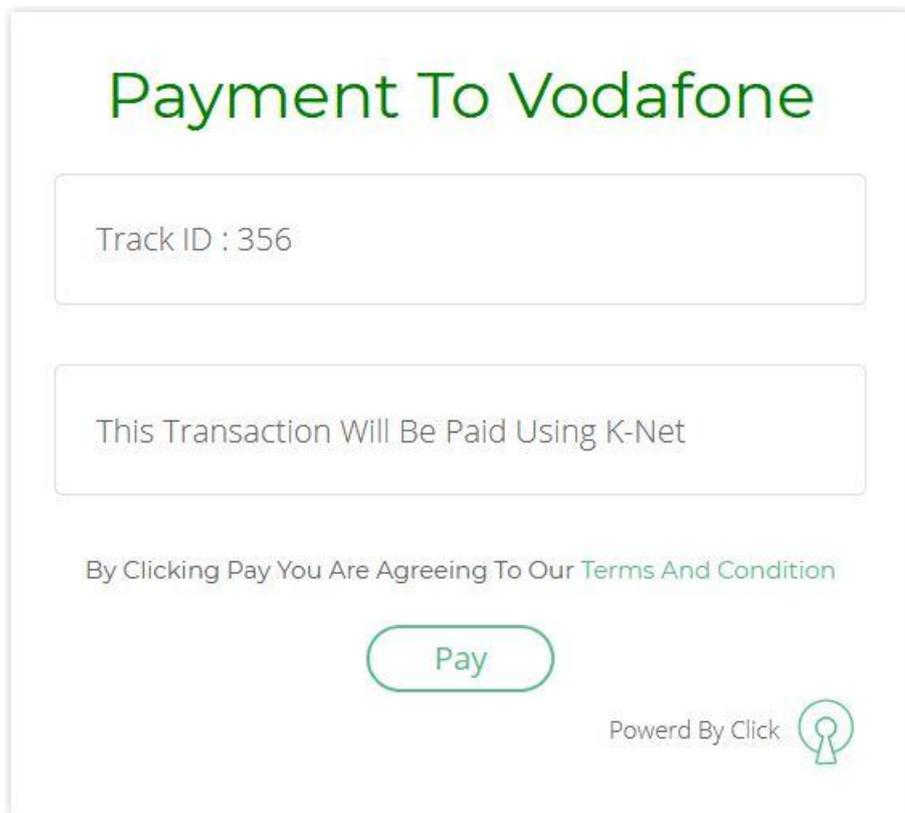


Example KNET:

after choose payment method and click pay then payment method gateway opened

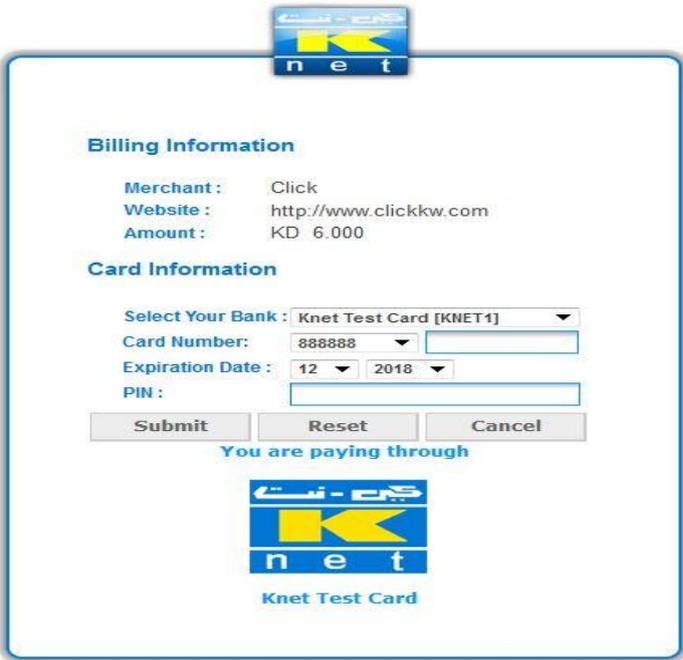
- K-NET Steps

K-NET Confirm Pay



The screenshot shows a payment confirmation page titled "Payment To Vodafone". It features a "Track ID : 356" field, a confirmation message "This Transaction Will Be Paid Using K-Net", and a "Pay" button. Below the button, it states "By Clicking Pay You Are Agreeing To Our [Terms And Condition](#)". The page is powered by Click, as indicated by the "Powerd By Click" logo.

1. Payment Page



The screenshot shows the KNET payment interface. At the top is the KNET logo. Below it, the 'Billing Information' section displays: Merchant: Click, Website: http://www.clickkw.com, and Amount: KD 6.000. The 'Card Information' section includes a dropdown for 'Select Your Bank' (Knet Test Card [KNET1]), a 'Card Number' field (888888), an 'Expiration Date' field (12/2018), and a 'PIN' field. There are 'Submit', 'Reset', and 'Cancel' buttons. Below the form, it says 'You are paying through' followed by the KNET logo and 'Knet Test Card'. At the bottom, there are links for 'Accepted Cards | KNET Home | Help | Copyrights | Privacy Policy | Disclaimer | View Certificate | Contact Us' and social media icons for YouTube, Snapchat, Twitter, Instagram, and Facebook, with the handle '@knetkw'.

Billing Information

Merchant : Click
Website : http://www.clickkw.com
Amount : KD 6.000

Card Information

Select Your Bank : Knet Test Card [KNET1]
Card Number : 888888
Expiration Date : 12 2018
PIN :

Submit Reset Cancel

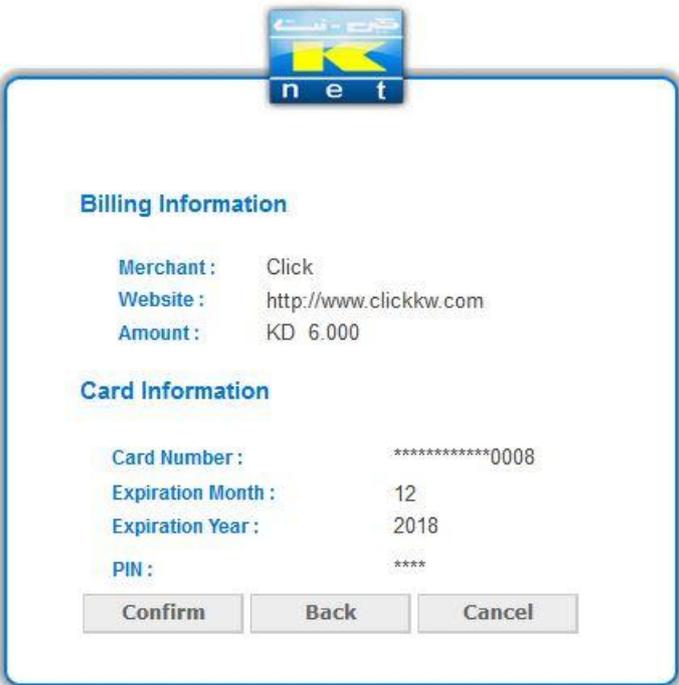
You are paying through

Knet Test Card

Accepted Cards | KNET Home | Help
Copyrights | Privacy Policy | Disclaimer | View Certificate | Contact Us

@knetkw

2. Confirmation Page



The screenshot shows the KNET confirmation page. At the top is the KNET logo. Below it, the 'Billing Information' section displays: Merchant: Click, Website: http://www.clickkw.com, and Amount: KD 6.000. The 'Card Information' section displays: Card Number: *****0008, Expiration Month: 12, Expiration Year: 2018, and PIN: ****. There are 'Confirm', 'Back', and 'Cancel' buttons. At the bottom, there are links for 'Accepted Cards | KNET Home | Help | Copyrights | Privacy Policy | Disclaimer | View Certificate | Contact Us'.

Billing Information

Merchant : Click
Website : http://www.clickkw.com
Amount : KD 6.000

Card Information

Card Number : *****0008
Expiration Month : 12
Expiration Year : 2018
PIN : ****

Confirm Back Cancel

Accepted Cards | KNET Home | Help
Copyrights | Privacy Policy | Disclaimer | View Certificate | Contact Us

3. Transaction Progress



[Accepted Cards](#) | [KNET Home](#) | [Help](#)
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Transaction Completed Successfully



Knet Merchant Demo Shopping Center

Transaction Completed Successfully
Thank You For Your Order

Transaction Details (from Merchant Notification Message)	
Payment ID :	6520723431092170
Post Date :	0805
Result Code :	CAPTURED
Transaction ID :	920432431092170
Auth :	000000
Track ID :	7055476
Ref No :	921710482553

CLK Confirm payment

Payment To Vodafone

Successful Payment

Track ID : 356

Your Payment Status

Payment ID: 8356080531790200

Transaction ID: 9999564531790200

Ref ID: 902017527428

Track ID: 356

This Transaction Has Been Paid At 2019-01-20
14:52:03 Using K-Net



Please Wait! Until Redirecting To Website.

Powerd By Click



Return to **return URL** posted in update session API after 5 Second

Response

Success Payment

CLK will return url sent in update session with payment result and indicator status created when session created by CLK

Message = success,

message type = success,

indicator_status = VTU0IPTjQ1UHdjkljlsaskdjldjldjldiaj **SENT BY CLK in create session**

API

Response:

http://RETURN_URL?message=success&message_type=success&indicator_status=VTU0IPTjQ1UHdjkljlsaskdjldjldjldiaj

Error Payment

CLK will return url sent in update session with payment result and new indicator status created by CLK

Message = error,

message type = wrong,

indicator_status = ERROR8541129656601357 **CREATED BY CLK if payment is error**

Response:

http://getdubba.com/payment?message=error&message_type=wrong&indicator_status=ERROR8541129656601357

Example CREDIT CARD:

- Credit Card Steps

Credit Card Confirmation

Payment To Vodafone

Track ID : 359

This Transaction Will Be Paid Using Credit Card

By Clicking Pay You Are Agreeing To Our [Terms And Condition](#)

Pay

Powerd By Click 

1- Customer Card Data

CLICK : 5.000 KWD ✕

Card number *



Expiry month * **Expiry year ***

MM YY

Cardholder name *

Security code *

  3 digits on back of your card

[Cancel](#) [Next](#)

Powered By 

2- Customer Card data

CLICK : 5.000 KWD ✕

Billing address

Street 1

Street 2

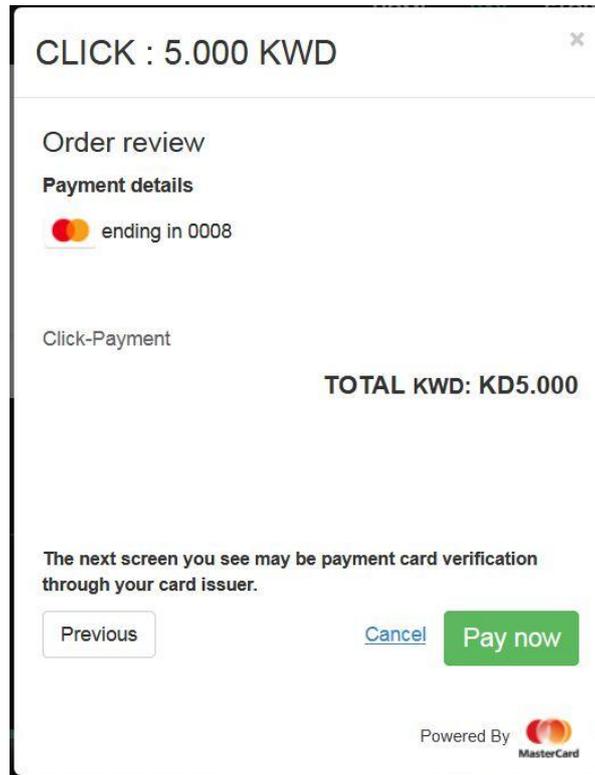
City **State / Province**

Postcode / Zipcode **Country**

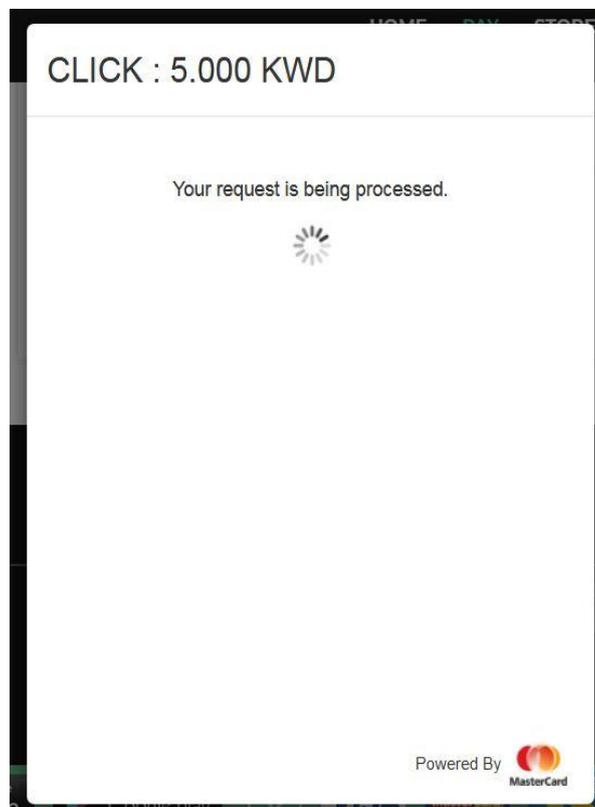
[Previous](#) [Cancel](#) [Next](#)

Powered By 

3- Total paid amount



4- Transaction process



CLK Confirm payment with Credit Card

Payment To Vodafone

Successful Payment

Track ID : 377

Total Amount: 12.00 KWD

This Transaction Has Been Paid At 2019-01-22
08:36:51 Using Credit Card



Please Wait! Until Redirecting To Website.

Powered By Click



Return to **return URL** posted in update session API after 5 Second

Response

Success Payment

CLK will return url sent in update session with payment result and indicator status created when session created by CLK

Message = success,

message type = success,

indicator_status = VTU0IPTjQ1UHdjkljlsaskdjldjldjldiaj **SENT BY CLK in create session**

API

Response:

http://RETURN_URL?message=success&message_type=success&indicator_status=VTU0IPTjQ1UHdjkljlsaskdjldjldjldiaj

Error Payment

CLK will return url sent in update session with payment result and new indicator status created by CLK

Message = error,

message type = wrong,

indicator_status = ERROR8541129656601357 **CREATED BY CLK if payment is error**

Response:

http://RETURN_URL?message=error&message_type=wrong&indicator_status=ERROR8541129656601357

5. *Payment Status*

If developer want to get status for your payment

Request

Call

The call is an HTTPS POST request with a JSON body.

URL

Production environment:

<https://clickkw.com/api/developer/gatedeveloper/paymentstatus/{developeruser}>

developer user: Sent by CLK developer team

Example:

<https://clickkw.com/api/developer/gatedeveloper/Dev1>

Headers

A minimum of two entries are required in the header:

Content-Type: application/json

Authorization: Bearer **TOKEN'**;

TOKEN': Developer panel – **Api Documentaion**

Example:

Content-Type: application/json

Authorization: Bearer CIQC2Z5WUVTAKcBHISsOVMJIJE8PAbVe5

Body

```
{  
  "session_id": " U0VTU0lPTjQ1UHdjkljSlaskdjLwsdaFEdd ",  
  "order_id": 5  
}
```

Response:

```
{  
  "Order_id": 5,  
  "Status": success,  
  "Response": success  
}
```

6. Errors

Example response:

```
{  
  "apiVersion": "1",  
  "gatewayResponse": {  
    "error": "INVALID_REQUEST",  
    "status": "false",  
  }  
}
```

6.1. Validation Errors

6.1.1 Authorization fail

6.1.2 Authorization error

6.1.3 Developer URL Error

6.1.4 Developer Status Error

6.1.5 Developer Status Error2

6.1.6 Developer Order Error

6.2 CLK Errors

6.2.1 Amount of order less than fees of store.

6.2.2 Session time out

6.2.3 Session not valid

6.1. Validation Errors

6.1.1 Authorization fail

Data not correct

response

```
{  
  "apiVersion": "1",  
  "gatewayResponse": {  
    "error": "INVALID_AUTH",  
    "status": "false",  
  }  
}
```

Handel

Check Auth Data again sent by CLK.

6.1.2 Authorization error

token did not posted

response

```
{  
  "apiVersion": "1",  
  "gatewayResponse": {  
    "error": "INVALID_HEADER",  
    "status": "false",  
  }  
}
```

Handel

Check Auth Data again sent by CLK.

6.1.3 Developer URL Error

URL Error

response

```
{  
  "message": "Developer Not Supported",  
  "status": -1  
}
```

Handel

Check URL posted

6.1.4 Developer Status Error

Developer Not Accepted

response

```
{  
  "message": " Developer Not Accepted ",  
  "status": 0  
}
```

Handel

Check Developer status

6.1.5 Developer Status Error2

Developer Suspended

response

```
{  
  "message": " Developer Suspended",  
  "status": 0  
}
```

Handel

Check Developer status

6.1.6 Developer Order Error

ORDER Duplicate

response

```
{  
  "message": " ORDER Duplicate ",  
  "status": 0  
}
```

Handel

Orders must be unique

6.2. CLK Errors

6.2.1 Amount of order less than fees of store.

Order amount must be greater than fees of store set by **CLK**

Response

Error Message with minimum amount depend on payment method



THEN

Return to URL post by developer to CLK with error message

http://RETURN_URL?message=error&message_type=wrong&indicator_status=ERROR8541129656601357

Handel

Order must greater than fees of store

6.2.2 Session time out

when session time is expire

response

```
{  
  "message": " Session Expire",  
  "status": 0  
}
```

Handel

Create new session

6.2.3 Session not valid

Session not correct

response

```
{  
  "message": " INVALID SESSION",  
  "status": 0  
}
```

Handel

Check session and try again