HOSTING A PAYBILL AT AFRICA'S TALKING

as of 10th April 2017

Safaricom released the new G2 API that gives Paybill and Till Number owners more control of their payments accounts. The API also opens MPESA to developers who can now come up with creative payment solutions around MPESA.

However, Safaricom requires Paybill owners to adhere to strict rules before connecting to their systems. This involves only connecting to dedicated IP addresses and registering VPNs with them. Once the infrastructure connection is done, the developers in charge will have to go through the SOAP API documentation to learn how it works in order to develop on the G2 API.

This process is tedious and time consuming. However, at Africa's Talking, we have developed a way for you to connect your Paybill or Till Number to Safaricom G2 API without worrying about the underlying infrastructure.

This document will explain the process of hosting a Paybill with Africa's Talking right from **Check Out**, **C2B**, **B2B** to **B2C**.

Check Out

The new MPESA API allows users to pay for goods and services using a USSD push request sent from Safaricom and initiated by the merchant. The buyer enters his/her service PIN (also referred to as Bonga PIN) and the payment is processed by MPESA.

To enable Check Out for your Paybill, you have to request for a checkout password for your Paybill from Safaricom. You can get a copy of a prefilled request application form from Africa's Talking info@africastalking.com

Once you get the password, share it with the Africa's Talking team who will then connect you to an already registered Check Out channel.

With this done, you should now be able to use AT payment API to start doing Check Out.

C2B, B2B and B2C

Key

Abbreviation	Meaning
C2B	Customer to Business
B2B	Business to Business
B2C	Business to Customer

To do any of the above on the MPESA API, you require access to your MPESA Portal Account. This is where you can log in to view all your Paybill information. You can access it using the link org.ke.m-pesa.com

If you cannot access the MPESA portal, you need to ensure that you have installed the MPESA Certificate first. Contact MPESA business to learn how to do this.

Once you have installed the certificate, login to your MPESA portal using the username and password given by MPESA.
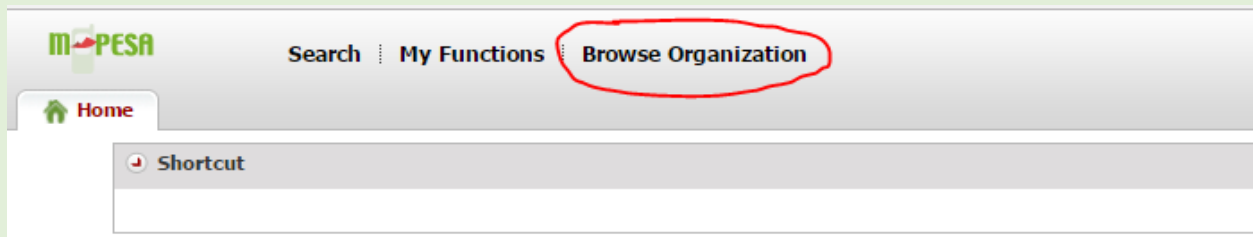
If you do not have the username and password, contact MPESA business and request for your credentials to the portal.
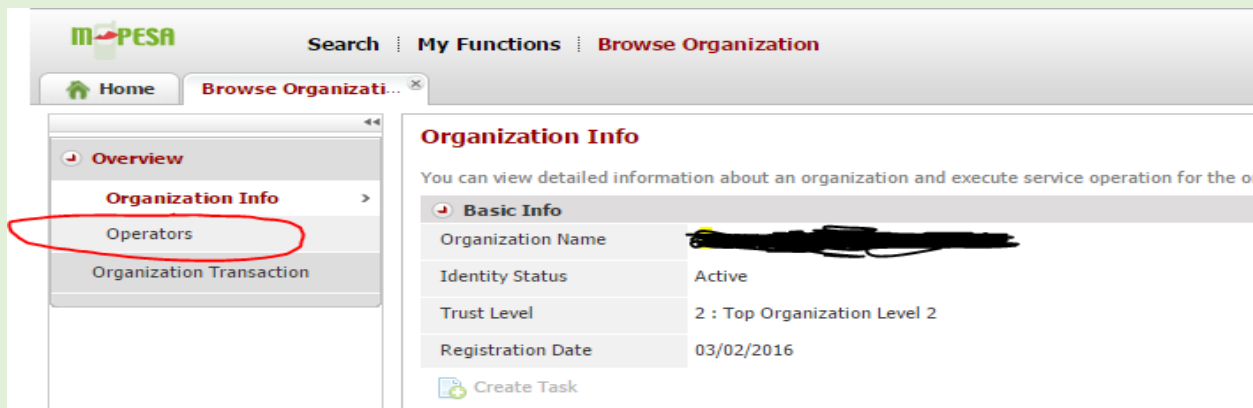
Assuming you have access to the MPESA portal...

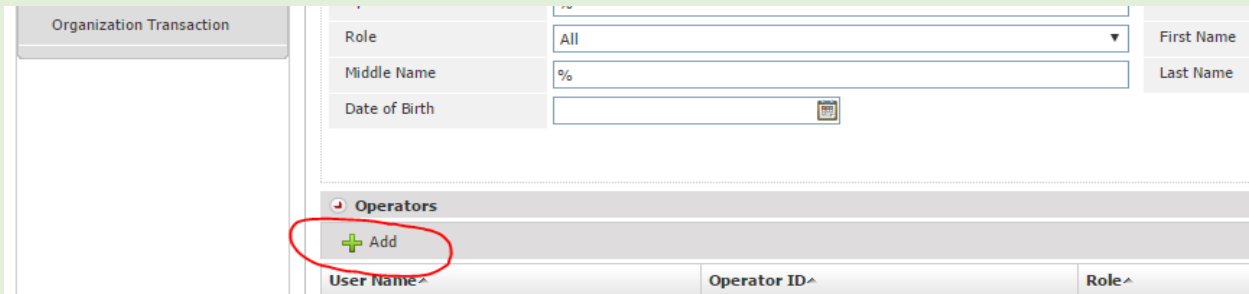You need to create an API user for Africa's Talking. The process is as follows:

Go to **Browse Organization**
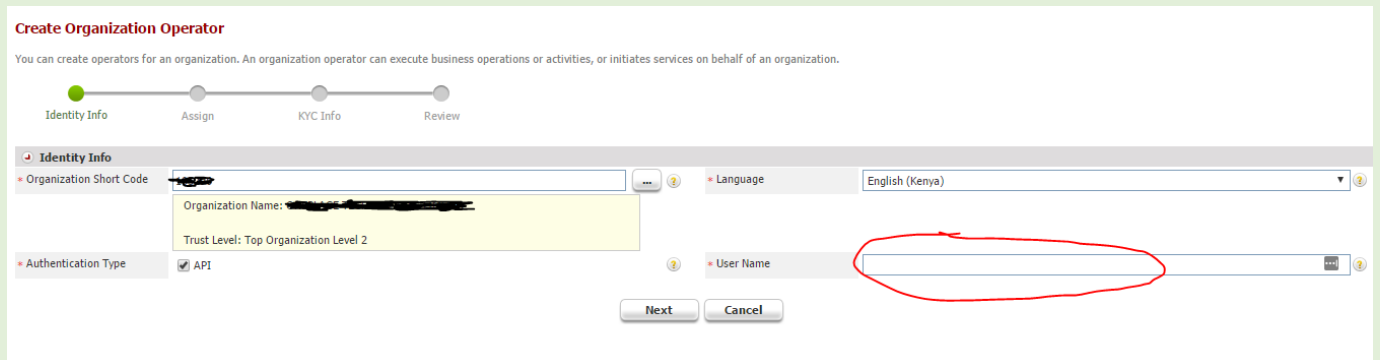

Select **Operators** on the left menu

Galana Plaza, 7th floor, Galana
Road,off Argwings Kodhek, Nairobi

+256-783-879-001
+254-729-891-801

info@africastalking.com
www.africastalking.com

Click on the **Add (+)** button to add a new operator

On the next page, check **API** as **Authentication Type** and assign a username to the API user then click **Next**.

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Assign a **Web Operator Rule Profile** in the dropdown under **Rule Profile** on the next page and then click on the plus button at the bottom of the select box.

On the pop up modal that appears, check the roles as highlighted in the screenshot below and click **ok**, then go to **Next**.

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Africa's Talking

Fill the details of the next page and click **Next**.

Confirm that all information is filled correctly and submit the form.

Go back to the **Browse Organization** -> **Operators** and you will see the operator you just created.

The status is pending active because a password has not been set yet.

How to set a password for an operator:

1. Click on the **view details icon** at the far right of the Operator.

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
2. Click on the **Set Password** option and set a password.

Note: The **Set Password** option is not active by default. In many accounts this option will be disabled. To enable it, write an email to MPESA Business and request that your Paybill account be activated for "**Set Restricted Org Password**". This is the role that enables you to set passwords for API users. Once this role has been assigned to your account, you can set the password.

Once you have the username and password, you can send an email to info@africastalking.com and request for your Paybill to be hosted. After signing the contract, share your **username** and **password** with Africa's Talking and your Paybill will be able to access the MPESA API features.

For more information, contact:

kkanyi@africastalking.com

www.africastalking.com

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