

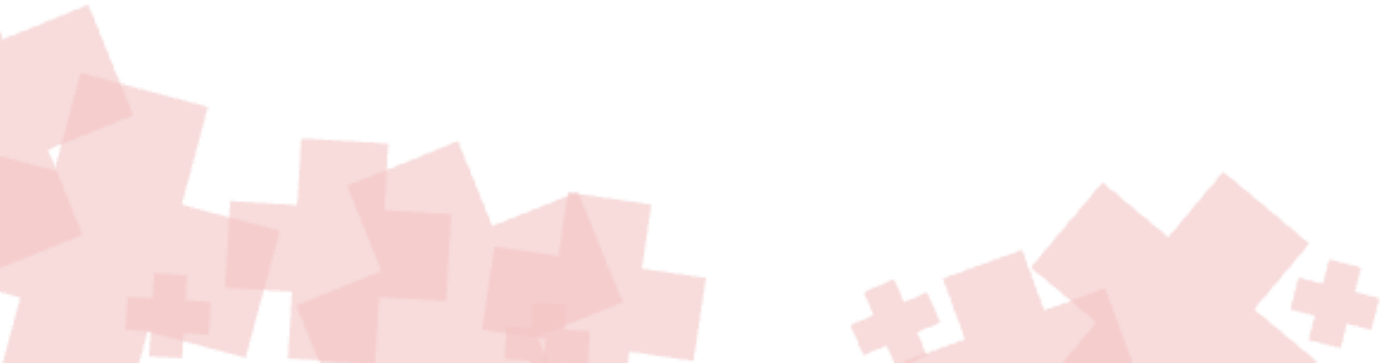
BigFunFun

API Specification

version 1.0

Document history

Date	Version	Description
2024/06/25	1.0	Document initiation



Introduction

This document serves as the comprehensive API specification for integrating your traffic to the platform (BigFunFun) for promoting digital products and services. It provides detailed information about the structure, functionality, and usage of the APIs that facilitate interaction with our system.

Our APIs are designed to enable seamless integration, allowing developers to leverage the full capabilities of our platform efficiently and effectively.

Purpose

The primary purpose of this document is to guide developers in understanding and utilizing the APIs provided by the platform. It covers all aspects necessary for integration, including endpoints, request and response formats, error handling, and usage examples. By following this specification, developers can ensure robust and reliable integration with our services.

1. WAP Redirection

The BigFunFun platform will generate specific URLs for each service that a media partner can use to promote the service in multiple channels and get feedback from these parameters.

QueryString parameters:

name	description	type	max length	require
id	Service ID provided by the system	String	10	Mandatory
refid	Reference ID for each customer	String	34	Optional
media	Reference media name.	String	34	Optional

the parameter **refid** is a string for mapping each customer in a traffic

the parameter **media** is a string that for media partner can use for mapping traffic source in order to identify where the good customers came from

Both parameters are optional, if these parameters are provided on incoming traffic, the system will store and send it back to the media partner via subscription callbacks.

Examples

<https://portal.bigfunfun.com/landing?id=1234001011&refid=457789glir&media=media>

2. Subscription Callback

After the media partner promotes the links, a customer subscribes a service via the subscription flow. The BigFunFun platform will send a request to the media partner's server for notifying the successful subscription with information that came from promoted traffic.

The callback URL must:

- Allow HTTP/HTTPS request from server (IP 18.142.191.55)
- Accept application/json HTTP/1.1 POST UTF-8 body
- Response HTTP/1.1 200 OK on valid requests and 400 Bad Requests on invalid requests.

Request parameters:

name	description	type	max length	require
msisdn	Customer's MSISDN	String	11	Mandatory
short-code	Short code	String	9	Mandatory
operator	Operator (AIS, DTAC, TRUEMOVE, CAT)	String	8	Mandatory
action	Customer action (REGISTER,CANCEL)	String	8	Mandatory
code	Status code	String	3	Mandatory
desc	Status description	String	255	Mandatory
timestamp	Unix timestamp	Number		Mandatory
tran-ref	Transaction ID of the subscription	String	34	Mandatory
ref-id	Reference ID from promoted traffic.	String	34	Optional
media	Reference media name.	String	34	Optional
token	Access token	String	64	Optional

Response parameters:

name	description	type	max length	require
code	Status code	String	3	Mandatory
tran-ref	Transaction ID of the subscription	String	34	Mandatory
desc	Status description	String	255	Optional
media	Reference media name.	String	34	Optional
ref-id	Reference ID from source web traffic.	String	34	Optional

The media partner's server must respond with code 200 (Success).

Examples:**Successful Subscription Case**

```
POST /cp/aoc/subscription/callback/url HTTP/1.1 Host: cpdomain.com
Content-Type: application/json
Content-Length: 145
{"ref-id":"457789glir","msisdn":"66810000000","short-code":"123400101",
"tran-ref":"1719559135","operator":"TRUEMOVE","action":"REGISTER",
"code":"200","desc":"Success","media":"media","timestamp":1719289779}

HTTP/1.1 200 OK
Date: Tue, 25 June 2024 11:30:00 GMT Content-Type: application/json Transfer-Encoding:
chunked Connection: keep-alive
{"code":"200","desc":"Success","ref-id":"457789glir","tran-ref":"1719559135","media":"media"}
```

3. Transaction callback

After customers subscribe to services, the BigFunFun platform will deliver contents to customers. After the system gets the result from sending content to the telecom partner, the system will generate transaction callbacks and send them to the media partner's server.

The callback URL must:

- Allow HTTP/HTTPs request from server (IP 18.142.191.55)
- Accept application/json HTTP/1.1 POST UTF-8 body

Response HTTP/1.1 200 OK on valid requests and 400 Bad Request on invalid requests.

Request parameters:

name	description	type	max length	require
msisdn	Customer's MSISDN	String	11	Mandatory
operator	Operator (AIS,DTAC,TRUEMOVE,CAT)	String	8	Mandatory
tran-ref	Transaction ID of the content	String	34	Mandatory
short-code	Short Code	String	9	Mandatory
code	Status Code	String	3	Mandatory
desc	Status Description	String	255	Optional
timestamp	Unix timestamp	Number		Mandatory

Response parameters:

name	description	type	max length	require
code	Status code	String	3	Mandatory
tran-ref	Transaction ID of the content	String	34	Mandatory
desc	Status Description	String	255	Optional

The media partner's server must respond with code 200 (Success) and tran-ref value that the request provided.

Examples:

Successful Delivery Case

```
POST /cp/aoc/dr/callback/url HTTP/1.1 Host: cpdomain.com
Content-Type: application/json
Content-Length: 145
{"msisdn":"6681000000","short-code":"123400101","operator":"TRUEMOVE",
"tran-ref":"1709209135",code:"200",desc:"Successful",timestamp:1719289779}

HTTP/1.1 200 OK
Date: Tue, 25 June 2024 11:30:00 GMT Content-Type: application/json Transfer-Encoding:
chunked Connection: keep-alive
{"code":"200",desc:"Success", "tran-ref":"1709209135"}
```



4. Content accessing via token

4.1 Subscription

For services that require the right to access contents at the content provider, the BigFunFun platform will add a token into subscription callback when a customer registered the service. The content provider will keep msisdn and token to verify right to access contents later.

If a customer unsubscribes from the service, the system will send a CANCEL subscription callback (without token) to the content provider, the provider has to remove the right to access contents from specific msisdn.



5. Status code

Status code	Definition	Description
200	Successful	The request has been successfully
400	Bad request	Invalid request.
401	Unauthorized	The request requires user authorization
404	Not found	The server cannot match the Request URI to the request.
500	Internal server error	The server met an unexpected condition. The request was not completed.
600	Subscription error	The request was not completed from the subscription process.
601	MSISDN is in Block list	Telco does not allow MSISDN to subscribe to a service.
602	MSISDN is not active	Customer status is not active
603	Invalid subscription	Service subscription has failed
604	Content provider not found	The content provider is not available.
605	Service not found	The service is not available.
606	Service status is not active	The service status is not active.
607	Cannot subscribe the service	Unable to subscribe to a service.
608	Already subscript the service	The customer has already subscribed to the service.
609	Wrong network.	MSISDN is not on the correct network.
610	Block list	Mobile is in the block list.
700	Content delivery error	Content delivery was not completed.
701	Balance is not enough	The customer balance is not enough.
702	Delivery to phone failed	Cannot deliver the content to the customer phone
703	Invalid subscriber	Unknown subscriber
704	Subscriber error	Subscriber error
705	Mobile switch off	Customer did not turn on mobile device
706	Mobile error	Mobile cannot receive the content.
707	Charge failed	Charge failed
708	Invalid service	Invalid service
709	Wrong network.	MSISDN is not on the correct network.
710	Block list	Mobile is in the block list.