

# BIC SEARCH

POWERED BY CAPTELA

SWIFT / BIC Code Validation API

## How to integrate SWIFT / BIC API in your application

When processing wire payments and dealing with bank related transactions, providing the correct BIC / SWIFT code is needed for successful payments. We provide a powerful and simple way of validating BIC / SWIFT CODES automatically. This service allows you to integrate our BIC / SWIFT code directory lookup in your own applications.

### Features

Retrieve information about the bank / branch based on the BIC

Retrieve information about the BIC based on the bank name and country

Use xml and json simplified API responses for easier integration

### API USAGE

The BIC / SWIFT API is REST based and supports simple HTTP POST requests.

The accepted parameters are listed in the table below:

Field Name	Length	Type	Description
bic	11	String	BIC / SWIFT code to look up. Can be 8 or 11 characters
bank_name	255	String	Part of a bank name to perform search in the BIC directory
country	2	String	Two letter country code. Required when searching by bank name
api_key	255	String	Your personal API key.
format	4	String	Required to specify

			the format of the returned data. Currently supported values: xml, json
limit		Integer	Optional: can be used to limit the number of results
hist		Integer	Optional: can be used to display historical records from the database

## API Endpoint

You can test our API using swagger by visiting below link

<https://api.bicsearch.com/swagger>

<https://api.bicsearch.com/admincp/Api/branchinfo/>

## API JSON Response Structure

```
{
  "bicdata": [
    {
      "bic": "LUMIUS3NMIA",
      "institution_name": "BANK LEUMI USA",
      "institution_type": "FINANCIAL",
      "op_address": "350 MADISON AVENUE, FLOOR 3, ",
      "op_city": "NEW YORK,NY",
      "op_zip_code": "",
      "br_address": "800 BRICKELL AVE., SUITE 1400, ",
      "br_city": "MIAMI,FL",
      "br_zip_code": "",
      "country_name": "UNITED STATES OF AMERICA",
      "iso_country_code": "US",
      "operationally_active_record": "Y"
    }
  ]
}
```

## API XML Response Structure

```
<?xml version="1.0" encoding="utf-8"?>
<result>
  <bicdata>
    <row>
      <bic>LUMIUS3NMIA</bic>
      <institution_name>BANK LEUMI USA</institution_name>
      <institution_type>FINANCIAL</institution_type>
      <op_address>350 MADISON AVENUE, FLOOR 3, </op_address>
      <op_city>NEW YORK,NY</op_city>
      <op_zip_code/>
      <br_address>800 BRICKELL AVE., SUITE 1400, </br_address>
      <br_city>MIAMI,FL</br_city>
      <br_zip_code/>
      <country_name>UNITED STATES OF AMERICA</country_name>
      <iso_country_code>US</iso_country_code>
      <operationally_active_record>Y</operationally_active_record>
    </row>
  </bicdata>
</result>
```

## API Errors

In case of an error the API returns an response containing the error message.

Below you can find a description of all possible error messages that could be returned:

Status Code	Type	Description
301	Account Error	API Key is invalid
302	Account Error	API key is expired
401	Input Error	Accepted SWIFT length 8 or 11 characters Bank Name Invalid
403	Input Error	Country code is incorrect! Allowed is 2 letter country code. Example: UK, DE, FR

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