



API Documentation

API TYPE:

CIPC COMPANY

CALL FUNCTION:

pbverify-cipc-company-match
pbverify-cipc-company-search

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REVISION

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1. Introduction

JSON

(JavaScript Object Notation) is a text-based, human-readable data interchange format used for representing simple data structures and objects in Web browser-based code. **JSON** is also sometimes used in desktop and server-side programming environments.

REST

(Representational State Transfer) is an architectural style, and an approach to communications that is often used in the development of [Web services](#). The use of REST is often preferred over the more heavyweight [SOAP](#) (Simple Object Access Protocol) style because REST does not leverage as much bandwidth, which makes it a better fit for use over the Internet. The SOAP approach requires writing or using a provided server program (to serve data) and a client program (to request data).

This document serves as technical guide to allow 3rd parties to access the PBVerify API Service by means of RESTful web service through a secure HTTPS tunnel.

Note that this is not a free service and all transactions must be considered billable. To activate the service please contact us for more information on 011 516 9400 and ask to speak with a pbVerify consultant.

2. Service Overview

PBVerify CIPC Directorship Search

Function: pbverfiy-cipc-company-match and pbverify-cipc-company-search

- a. The API service provides an efficient and fast way to retrieve commercial company information from CIPC (Companies and Intellectual Properties Commission)
- b. There are two optional (either or both) functions to trigger the search.
 1. By company registration number
 2. By partial company name

HTML Sample

BUSINESS INFORMATION

Company Reg No. / /

LOADING

OR

Company Name:

Count	SEARCH VALUE	NAME	ENQUIRY ID	ACTION
1	B1992/023090/23	PITNEY CC	50491376	VIEW FILE
2	M1998/008782/07	PITNEY BOWES (S A) (PTY)LTD	50491376	VIEW FILE
3	M2007/019949/07	PITNEY BOWES BATSUMI ENTERPRISE (PTY)LTD	50491376	VIEW FILE
4	K2013/077885/07	PITNEY BOWES UBHEJANE (PTY)LTD	50491376	VIEW FILE

- c. Both call functions will trigger the **pbverfiy-cipc-company-match** function that will return one or multiple results for the company.
- d. Once the correct return result is submitted to the **pbverify-cipc-company-search** function, the desired result will be returned for that company.
- e. The return file will comprise of the following:
 1. Commercial Business information (See call function specification later in this document with return fields). Only information that is on file at CIPC will be returned.
 2. Auditors information (See call function specification later in this document with return fields).
 3. Principle Information – Information on all Directors in the business will be returned. (See call function specification later in this document with return fields).

3. RESTful Service

This service is a standard RESTful Web service via a HTTPS tunnel. The section below covers the connections strings and the methods exposed via the service.

RESTful CONNECTION	POST
URL	https://www.veriid.com/PBVerify/webservice/pbverify-cipc-company-match /
Expected Variables	memberkey , password, company_details

EXPOSED FUNCTIONS

FUNCTION	PARAMETER	TYPE	NOTES	RETURN
pbverify-cipc-director-search	memberkey	String	Authentication Username	JSON OUTPUT
	password	String	Authentication Password	
	company_details	Array	Array of company details	
		0	reg1	
		1	reg2	
		2	reg3	
		3	businessName	

RESTful CONNECTION	POST
URL	https://www.veriid.com/PBVerify/webservice/pbverify-cipc-company-search/
Expected Variables	memberkey , password, company_details

EXPOSED FUNCTIONS

FUNCTION	PARAMETER	TYPE	NOTES	RETURN
pbverfiy-cipc-director-search	memberkey	String	Authentication Username	JSON OUTPUT
	password	String	Authentication Password	
	company_details	Array	Array of company details	
		0	EnquiryID	
		1	EnquiryResultID	

4. RESTful JSON Response

pbverify-cipc-company-match - Failure

```
{
  "Status": "Failure",
  "Error": "Your Email Address or Password was blank, please try again"
}
```

pbverify-cipc-company-match – Success

```
{
  "Status": "Success",
  "Companies": {
    "CommercialID": "5202460",
    "RegistrationNo": "K2045\567017\07",
    "Businessname": "TEST COMPANY",
    "EnquiryID": "52998876",
    "EnquiryResultID": "53637923"
  }
}
```

pbverify-cipc-company-search - Failure

```
{
  "Status": "Failure",
  "Error": "Your Email Address or Password was blank, please try again"
}
```

pbverify-cipc-company-search – Success

```
{
  "Status": "Success",
  "CompanyInfo": {
    "BusinessInformation": {
      "DisplayText": "Commercial Business Information",
      "CommercialName": "TEST COMPANY",
      "RegistrationNo": "K2045\567017\07",
      "BusinessStartDate": "2016-12-13",
      "FinancialYearEnd": "February",
      "RegistrationNoOld": "",
      "CommercialStatus": "In Business",
      "CommercialType": "Private Company",
      "SIC": "01 - Agriculture hunting forestry and fishing",
      "TaxNo": "",
      "ReferenceNo": "B52998876-5202460",

```

```

    "ExternalReference": "465465",
    "TradeName": "",
    "PreviousBussName": "",
    "PhysicalAddress": "SOME ADDRESS SOMEWHERE, , , 1200",
    "PostalAddress": "SOME POBOX SOMEWHERE, , , 1200",
    "RegistrationDate": "2016-12-13",
    "BusinessDesc": "No Information Available",
    "TelephoneNo": "",
    "FaxNo": "",
    "BussEmail": "",
    "BussWebsite": "",
    "NoOfEnquiries": "1",
    "NameChangeDate": "",
    "AgeofBusiness": " 10 Months",
    "AuthorisedCapitalAmt": "0.0000",
    "IssuedNoOfShares": "0",
    "RegistrationNoConverted": "B2009039810",
    "FinancialEffectiveDate": "2016-12-13",
    "AuthorisedNoOfShares": "0",
    "IssuedCapitalAmt": "0.0000",
    "CommercialStatusDate": "",
    "DirectorCount": "1",
    "VATNo": ""
  },
  "AuditorInformation": {
    "DisplayText": "Commercial Auditor Information",
    "AuditorName": "BVK TOBIAS (NELSPRUIT) INC",
    "ProfessionNo": "901153",
    "ProfessionDesc": "",
    "AuditorTypeDesc": "Auditor",
    "AuditorStatusDesc": "Current",
    "LastUpdatedDate": "2016-12-14",
    "PostalAddress": "",
    "PhysicalAddress": "",
    "TelephoneNo": "",
    "YearswithAuditor": "Unknown",
    "ActStartdate": "",
    "ActEndDate": "",
    "NoOfYearsInbBusiness": "118"
  },
  "DirectorInformation": {
    "DisplayText": "Commercial Principal Information",
    "DirectorID": "2539904",
    "IDNo": "7905015312088",
    "FirstName": "MARK",
    "Initials": "M",
    "Surname": "HOOCH",

```



```

"SecondName": "",
"BirthDate": "1979-05-01",
"DirectorStatusCode": "Active",
"AppointmentDate": "2016-12-13",
"Designation": "BUSINESSMAN",
"MemberSize": "0.00",
"MemberControlPerc": "0.00",
"DirectorIndicator": "YES",
"PrincipalType": "Director",
"CM29Date": "",
"ISRSAResident": "No",
"CountryCode": "ZA",
"ISIDVerified": "Yes",
"ISCIPROConfirmed": "Yes",
"PhysicalAddress": "5 NYATHI STREET, NELSPRUIT, 1200",
"PostalAddress": "PO BOX 479, NELSPRUIT, 1200",
"Name": "PHILIP CSAPLAR",
"HomeTelephoneNo": "0123456789",
"WorkTelephoneNo": "0137532507",
"CellularNo": "0823397450",
"EmailAddress": "",
"Age": "38 Years 9 Months",
"YearsWithBusiness": "1 Years 2 Months",
"Fullname": "MARK HOOCH ",
"SurnamePrevious": "",
"DirectorStatusDate": "2016-12-14",
"MemberControlType": "",
"Executor": "",
"ExecutorAppointmentDate": "",
"Estate": "",
"ResignationDate": "1899-12-30"

```

```

}
```

```

}
```

```

}
```

5. PHP Client Connection

```
<?php
```

```
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL);
```

```
function getCall($memberkey, $password, $company_details){
```

```
    $url = "https://www.veriid.com/PBVerify/webservice/pbverify-cipc-company-match";
    $data = array('memberkey' => $memberkey, 'password' => $password, 'company_details' =>
$company_details);
```

```
    //echo urldecode(http_build_query($data));
```

```
    //exit;
```

```
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $url);
    curl_setopt($ch, CURLOPT_POST, count($data));
    curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($data));
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
    $output = curl_exec($ch);
    $info = curl_getinfo($ch);
    $error = curl_error($ch);
    curl_close($ch);
```

```
    echo "<pre>" . print_r($output, true) . "</pre>";
```

```
}
```

```
$company_details = array(
    "reg1" => "2045",
    "reg2" => "535017",
    "reg3" => "07",
    "businessName" => "", // ID Number of person doing search for
    "yourReference" => "465465",
);
```

```
getCall("YOUR MEMBERKEY GOES HERE", "YOUR PASSWORD GOES HERE", $company_details);
```

```
<?php
```

```
ini_set('display_errors', 1);
ini_set('display_startup_errors', 1);
error_reporting(E_ALL);
```

```
function getCall($memberkey, $password, $company_details){
```

```
    $url = "https://www.veriid.com/PBVerify/webservice/pbverify-cipc-company-search";
    $data = array('memberkey' => $memberkey, 'password' => $password, 'company_details' =>
$company_details);
```

```
    //echo urldecode(http_build_query($data));
```

```
    //exit;
```

```
    $ch = curl_init();
    curl_setopt($ch, CURLOPT_URL, $url);
    curl_setopt($ch, CURLOPT_POST, count($data));
    curl_setopt($ch, CURLOPT_POSTFIELDS, http_build_query($data));
    curl_setopt($ch, CURLOPT_RETURNTRANSFER, true);
    curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
    $output = curl_exec($ch);
    $info = curl_getinfo($ch);
    $error = curl_error($ch);
    curl_close($ch);
```

```
    echo "<pre>" . print_r($output, true) . "</pre>";
```

```
}
```

```
$company_details = array(
    "EnquiryID" => "52998876",
    "EnquiryResultID" => "53637923",
    "yourReference" => "465465",
);
```

```
getCall("YOUR MEMBERKEY GOES HERE", "YOUR PASSWORD GOES HERE", $company_details);
```

6. Management Console

http://www.pbverify.co.za/API_Manager

- Use Username and Password Provide by PBSA to Login
- System can be used to maintain Company Information
- Quick view of last 25 live API calls
- Reporting to view between dates of API calls
- Check status of each transaction with error codes.



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