



API Documentation

API TYPE:
CONTACT TO ID

CALL FUNCTION:
pbverify-contact-to-id

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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 Contact to ID API

Function: pbVerify-contact-to-id

This API service provides an efficient and fast way to obtain the last 6 known South African identities associated to a South African contact number EG: Landline 012 2215554 or mobile 082 333 6666 number as search criteria.

On Success it will provide the following:

- a. Up to 6 RSA ID Numbers with identity detail
 - i. Forenames (First names and Second Name).
 - ii. Surname.

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-contact-to-id/
Expected Variables	memberkey , password, consumer_details

EXPOSED FUNCTIONS

FUNCTION	PARAMETER	TYPE	NOTES	RETURN
pbverify-contact-to-id	memberkey	String	Authentication Username	JSON OUTPUT
	password	String	Authentication Password	
	consumer_details	Array	Array of consumer details	

4. RESTful JSON Response

pbverify-contact-to-id - **Failure**

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

pbverify-contact-to-id – **Success**

```
{
  "Status": "Success",
  "contactTold": {
    "Results": [{
      "ID_NUMBER": "09877087090987",
      "FORENAME_1": "JUST",
      "FORENAME_2": "",
      "SURNAME": "GOOF"
    }]
  }
}
```

```
    },  
    {  
      "ID_NUMBER": "7865765786576",  
      "FORENAME_1": "SAKIO",  
      "FORENAME_2": "NIXON",  
      "SURNAME": "MALATJI"  
    },  
    {  
      "ID_NUMBER": "74567456745645",  
      "FORENAME_1": "JUST",  
      "FORENAME_2": "FRED",  
      "SURNAME": "LONGONE"  
    },  
    {  
      "ID_NUMBER": "345234523452345",  
      "FORENAME_1": "GUMMY",  
      "FORENAME_2": "",  
      "SURNAME": "BEAR"  
    }  
  }  
}
```

5. PHP Client Connection

```
<?php
```

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

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

```
    $url = "https://www.veriid.com/PBVerify/webservice/pbverify-contact-to-id";
    $data = array('memberkey' => $memberkey, 'password' => $password, 'consumer_details' =>
$consumerDetails);
    $ch = curl_init();
    curl_setopt($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 $output;

}
```

```
$consumerDetails = array(
    "contactNumber" => "XXXXXXXXXX", //Must have 10 digits
    "yourReference" => "Testing system",
);
//now we call the get function
getCall("YOUR MEMBERKEY GOES HERE", "YOUR PASSWORD GOES HERE", $consumerDetails);
```

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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