

# VoIP en Mobiel

## API Documentation

Version: 0.2 [BETA]

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## Basic information

API URL: <https://portal.vdbdiensten.nl/API/>  
 Output: json  
 URL request: POST  
 Number of requests: Up to 25 requests per 5 minutes  
 Response: [{"status": "To many requests, wait 5 minutes"}]

## Token security

With each action, a token should be sent with it, this token generates you in the following way:

$\$token = md5(date('YmdH'). '[username]');$

Let's notice that the time on your server is Current!

## Variable

The variable below should be accompanied by your request

**TOKEN** = the md5 hash-based generated token (see example above)  
**C** = command  
**U** = Portal username  
**P** = Portal password  
**N** = Phone number or extension number (example: 31201234567 or 1200)  
**D** = Date ( Format 2020-01-01 00:00 Y-m-d H:i )  
**T** = to ( 0612345678 )  
**F** = From ( from which number )  
**M** = Message (no special characters allowed )

## Possible commands

<b>extension_list</b>	Get Extensions/Devices List
<b>number_list</b>	Get a List of Phone Numbers
<b>cdr_number</b>	Get Calls by Phone Number
<b>cdr_extension</b>	Get Calls by Extension/Device
<b>init_call</b>	Set up a call from a device
<b>send_sms</b>	Send a text message to a mobile phone
<b>queues_list</b>	Get a queue list
<b>queue</b>	Show the calls within a queue
<b>live_call</b>	Request a device's status

## Get a list of extensions

[https://portal.vdbdiensten.nl/API/?U=\[emailadres\]&P=\[password\]&C=extension\\_list](https://portal.vdbdiensten.nl/API/?U=[emailadres]&P=[password]&C=extension_list)

This feature returns all devices you have in your account in json format

```
{  
  "extension": "1234",  
  "name": "Toestel 1"  
}
```

### Data:

**extension** = device number  
**name** = Appliance Name

## Get phone number list

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[password\]&C=number\\_list](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[password]&C=number_list)

This feature returns all registered phone numbers of yours in json format

```
{  
  "number": "31201234567",  
  "package": "VoIP Lijn Pakket Extra",  
  "credit_limit": "50.00",  
  "credit_available": "50.00"  
},
```

### Data:

**number** = phone number  
**package** = the active package that hangs on the number  
**credit\_limit** = credit limit in euro  
**credit\_available** = the current available balance in euro

## Get queues list

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[ password\]&C=queues\\_list](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[ password]&C=queues_list)

This feature returns all of your queues in json format

```
{  
  "id": "123456",  
  "name": "Sales",  
  "extensions": "1234-1235-1236",  
}
```

### Data:

<b>id</b>	= queue ID number
<b>name</b>	= Queue name
<b>extensions</b>	= the devices that are in the queue

## Get received calls on a phone number

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[password\]&C=cdr\\_number  
&N=31201234567&D=2020-01-01](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[password]&C=cdr_number&N=31201234567&D=2020-01-01)

**N** = The phone number from which the CDRS must be retrieved

**D** = date Y-m-d

This feature displays all received calls from the specified phone number, the correct number can be retrieved with "number\_list" and should always be in the following format: "31229456789"

```
{
  "UID":"5454h5h54rewergreg",
  "direction":"in",
  "time_start":"2020-10-30 09:02:26",
  "time_end":"2020-10-30 09:04:32",
  "call_time":"126",
  "cli":"31229547745",
  "from":"31229547743",
  "to":"31201234567"
},
```

### Data:

<b>UID</b>	= unique conversation id
<b>direction</b>	= incoming or outgoing call
<b>time_start</b>	= When the call started
<b>time_end</b>	= When the call stopped
<b>call_time</b>	= The call time in seconds
<b>cli</b>	= Phone number sent along
<b>from</b>	= From the number
<b>to</b>	= To the number

## Get calls on an extension/phone

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[password\]&C=cdr\\_extensi on&N=1234&D=2020-01-01](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[password]&C=cdr_extensi on&N=1234&D=2020-01-01)

This feature displays all calls received from the specified phone number

```
{
  "UID":"20ab6decafd2a574e83d91158d4f44d",
  "direction":"in",
  "time_start":"2020-10-30 16:18:00",
  "time_end":"2020-10-30 16:19:03",
  "call_time":"63",
  "from":"31229123456",
  "to":"1201","answerd":"1"
},
```

### Data:

<b>UID</b>	= unique conversation id
<b>direction</b>	= incoming or outgoing call
<b>time_start</b>	= When the call started
<b>time_end</b>	= When the call stopped
<b>call_time</b>	= The call time in seconds
<b>from</b>	= From the number
<b>to</b>	= To the number
<b>answerd</b>	= 1 if the call is answered, 0 if the call is not answered

## Set up a call from a device (click 2 call)

[https://portal.vdbdiensten.nl/API/?U=\[emailadres\]&P=\[password\]&C=init\\_call&N=1234&T=061234 5678](https://portal.vdbdiensten.nl/API/?U=[emailadres]&P=[password]&C=init_call&N=1234&T=061234 5678)

**N** = Extension/phone to set up the call

**T** = The number to be called

This feature allows you to instruct a device to call a number

```
{
  "status":"call started",
  "extension":"1201",
  "to":"0683247769"
}
```

### Data:

<b>status</b>	= set up the status or call has been successful
<b>extension</b>	= from the device the call is set up
<b>to</b>	= the number to be called

## Send a text message

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[password\]&&C=send\\_sms&N=31229123456&F=\[afz naam\]&T=\[mobiele nummer\]&M=\[bericht\]](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[password]&&C=send_sms&N=31229123456&F=[afz naam]&T=[mobiele nummer]&M=[bericht])

This feature allows you to send sms messages to a mobile number

**N** = a phone number held by the user

**F** = a name or number that the received party sees as a sender

**T** = the mobile phone number to which the message should be sent

**M** = Message in plain text, special characters are not allowed, up to 160 characters

```
{
  "status": "SMS send",
  "from": "1201",
  "to": "0683247769",
  "message": "test bericht"
}
```

### Data:

<b>status</b>	= set up the status or call has been successful
<b>from</b>	= a name or number that the received party sees as a sender
<b>to</b>	= the number the text message was sent to
<b>message</b>	= The message sent

## Get content from a queue

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[password\]&C=queue&N=1234](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[password]&C=queue&N=1234)

This feature allows you to get a list of the callers in the queue

**N** = queue ID

```
{
  "number": "0613234567",
  "duration": "60",
}
```

### Data:

<b>number</b>	= Caller's number
<b>duration</b>	= The call time in seconds

## Get the live status of a device

[https://portal.vdbdiensten.nl/API/?TOKEN=\[token\]&U=\[emailadres\]&P=\[password\]&C=live\\_call&N=1234](https://portal.vdbdiensten.nl/API/?TOKEN=[token]&U=[emailadres]&P=[password]&C=live_call&N=1234)

This feature allows you to get a list of the callers in the queue

**N** = the extension/device number

```
{  
  "extension":"1234",  
  "duration":"60",  
  "out_phone_nr":"31201234567",  
  "direction":"out",  
  "state":"Up",  
  "call_to":"31612345678",  
  "caller_nr": "",  
}
```

### Data:

<b>extension</b>	= the extension/device number
<b>duration</b>	= The call time in seconds
<b>out_phone_nr</b>	= The remote phone number from which a call is made
<b>direction</b>	= Whether it's an incoming or outgoing conversation
<b>state</b>	= Whether the conversation is active about just going on the device
<b>call_to</b>	= If outgoing: the number to which the call is made
<b>caller_nr</b>	= If incoming: who calls



## Example code

The code below is suitable for PHP from version 5.6

### General example

#### [HERE YOU PLACE THE CODE BELOW]

```

$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'extension_list'
);

$ch = curl_init();

curl_setopt($ch, CURLOPT_URL, "https://portal.vdbdiensten.nl/API/");
curl_setopt($ch, CURLOPT_POSTFIELDS, $postRequest);
curl_setopt($ch, CURLOPT_RETURNTRANSFER, 1);
curl_setopt($ch, CURLOPT_SSL_VERIFYHOST, false);
curl_setopt($ch, CURLOPT_SSL_VERIFYPEER, false);
$result = curl_exec($ch);

if(curl_error($ch) === false)
{
echo "Curl error: ".curl_error($ch);
}

curl_close($ch);

echo "<pre>";
print_r(json_decode($result, true));
echo "</pre>";

```

Below are the options to use in the code above

### Get phone numbers

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'extension_list'
);
```

### Get extensions/phone

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'number_list'
);
```

### Get queues list

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'queues_list',
);
```

### Get CDRS from a phone number

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'cdr_number',
'N' => '31229123456',
'D' => '2020-10-01'
);
```

### Get CDRS from an extension/phone

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'cdr_number',
'N' => '1222',
'D' => '2020-10-01'
);
```

### Get CDRS from an extension/phone

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'geheim',
'C' => 'cdr_extension',
'N' => '1222',
'D' => '2020-10-01'
);
```

### Let device set up call

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'password',
'C' => 'init_call',
'N' => '1222',
'T' => '0612345678'
);
```

### Send an SMS

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'password',
'C' => 'send_sms',
'N' => '31229123456',
'N' => 'bedrijf',
'T' => '0612345678',
'M' => 'dit is een sms',
);
```

### Get active calls in a queue

```
$postRequest = array(
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),
'U' => 'info@domain.nl',
'P' => 'password',
'C' => 'queue',
'N' => '84984664',
);
```

### Get live calls from an extension/appliance

```
$postRequest = array(  
'TOKEN' => md5(date('YmdH'). 'info@domain.nl'),  
'U' => 'info@domain.nl',  
'P' => 'password',  
'C' => 'live_call',  
'N' => '1222',  
);
```