



T2A API Documentation

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1 Introduction

T2A is an Application Programming Interface (API) providing fast, reliable and secure online transactional access to our data sets and validation services.

T2A is comprised of a number of [methods](#) which offer our services. These methods may be accessed from your website or application using XML, SOAP or JSON.

For more information about T2A, [please visit the T2A website](#).

This document is intended to be used by software developers intending to use one or more of the T2A methods. We provide a simple XML interface, promising easy integration; we also provide code samples in some popular languages including PHP, 'classic' ASP and JavaScript.

The latest version of this document may be downloaded from <http://t2a.co/docs/>.

2 Document History

Date	Description
2011/07/12	First version, current T2A version number is 1.0.0.1
2011/07/21	Added specific error to mobile location method and class.
2011/07/22	Fixes to font sizes, inconsistent cases etc.
2011/07/23	Further detail on page caching.
2011/07/27	Added .NET SOAP API section with small code snippets. Current T2A version number is 1.0.0.7
2011/07/28	Added more Java code samples, and the ISO country code appendix.
2011/07/29	Added T2A from JavaScript section, and test mode. T2A version is now 1.0.0.8, and the Java Library is 1.0.0.2
2011/08/03	Added customer_private error to geo_code_telephone method. T2A version is 1.0.0.9
2011/09/06	Added premises_list to electoral_roll method. T2A version is 1.0.1.0
2011/09/09	Added invalid_address error to electoral_roll method.
2011/09/21	address_person method premises parameter now optional. If no single address is specified, it shows a free (no charge) list of premises at which there is one or more person, for final user selection. T2A version is 1.0.1.6
2011/10/05	Minor corrections and a link to a Servlet tutorial. T2A version is 1.0.1.9
2011/10/25	Enabled geo_code full address finding. T2A version is 1.0.2.3 and the Java/JSP Library version is 1.0.0.6
2011/10/25	Added addr_single_line and name_single_line to address ,
2011/10/31	Improved the documentation of the premises list. T2A version is 1.0.2.7
2011/11/14	Added send_text_message method.
2011/11/21	Added director_search and director_details methods.

2011/11/28	<p>Improved the free test mode for find_my_nearest to multiple records and to include dummy geo data.</p> <p>Fixed errors in the director_details documentation.</p> <p>T2A version is 1.0.4.2</p>
2012/01/24	Inserted Companies House Data.
2012/02/01	Updated Companies House, Deceased check and C++ Library documentation.
2012/02/06	Document download service now returns a PDF rather than the raw TIF supplied by Companies House. T2A version is 1.1.2.1
2012/03/07	Fixed some broken links in this document.
2012/03/15	Added PHP code fragment to telephone_residential.
2012/04/18	Added people_search method
2013/01/16	Added tps_full method.
2014/02/14	Improved the deceased_bulk documentation.
2014/09/01	Documented company_credit_report method. Removed Java/JSP library.

3 General API Guide

3.1 API Key

In order to use the T2A methods, an API Key must be obtained by registering at <https://t2a.co>. The supplied key is an alphanumeric string (plus the _ and - characters).

The API key should not be disclosed to third parties, and should not be included in web pages; however, other security measures are available to prevent unauthorised use of your account.

3.2 Free Test Mode

As an aid to developers during the early stages of integration, every method (and Java class) can operate in a limited test mode, which is free to use.

When in a test mode, the method returns **dummy data** in an identical form to a real execution. This facility is available to XML, JSON, and SOAP users.

To use test mode, simply set the [API key](#) (or a [JavaScript key](#)) to **test**.

Please note that the test mode should only be used for initial connectivity and parsing tests; ensure that your real API key is used on 'live' services.

Further details on the free test mode for each method can be found in the detailed documentation for each method.

3.3 XML and JSON REST API Overview

We offer an easy to use XML and JSON API. Requests may be made via POST or GET. The response is XML by default; adding the parameter `output=json` returns a JSON response.

The XML and JSON API is available:-

<http://t2a.co/rest>

The default XML response is shown below. Note the status and error code:-

```
<?xml version="1.0"?>
<result>
  <t2a_version_number>1.8.3.3</t2a_version_number>
  <status>error</status>
  <error code>missing method</error code>
</result>
```

The default JSON response is shown below:-


```
{"t2a_version_number":"1.8.3.3","status":"error","error_code":"missing_method"}
```

You can optionally specify a JSONP padding callback function in which the JSON is to be wrapped; the use of the parameter and values `callback=myPadding` is shown below:-

```
myPadding({"t2a_version_number":"1.8.3.3","status":"error","error_code":"missing_method"});
```

3.4 URL Encoding a GET Request

The JSON and XML API is normally invoked as an HTTP *GET*, with parameters included in the query string.

When requesting a GET, remember to URL encode the **value** part of each *parameter=value* pair. Here are some common code examples:-

Language	Example
"Classic" ASP	"&name=" & Server.urlencode(input_name)
PHP	"&name=" . urlencode(\$input_name)
Javascript	"&name" + encodeURIComponent(input_name)

3.5 SOAP API

Developers may prefer to use our SOAP XML API, which is a superset of the above XML API.

The SOAP XML API is available:-

<http://t2a.co/soap>

The above locations allow access to the T2A web services description page; it also allows developers to view the WSDL service description, and to test each method, using an [API key](#).

3.6 Using XML, JSON and SOAP Methods

Each service can be executed in a single http or https request to our servers; there is no requirement to negotiate an access key.

When using XML or SOAP, most method returns data in an XML element which is named (method_name)_res; for example, [area code](#) returns the result in an XML element

named <area_code_res>; the exceptions to this are [telephone business](#) and [telephone residential](#).

Every XM, JSON and SOAP result contains common status, error code and version number components.

Full details on the XML, JSON and SOAP API [are available here](#)

3.7 Asynchronous Methods

Most of the services available in T2A are synchronous – they return as quickly as possible with the result.

For some methods, mainly those involving bulk operations, the operation is asynchronous.

Every asynchronous service revolves around the creation of a ‘job’, and the background execution of T2A on that job.

A typical asynchronous service follows these stages:-

1. [Create a Job](#).
T2A gives you an encrypted unique job ID. This contains only alphanumeric characters plus underscore and dash.
2. Pass your data into that job.
3. Start the job processing.
4. [Read the progress](#) of the job, as a percentage.
5. When that percentage has reached 100, the job is completed.
6. Read or download the processed data from the completed job.

Currently the only asynchronous method is [deceased bulk](#).

3.8 Using Your Account Control Panel

The control panel at <https://t2a.co/> is used to:-

- Add and remove services
- Configure IP address restrictions
- Configure services, where relevant (such as find_my_nearest).
- Buy credits
- View your transactions
- Download usage statistics

3.9 Security

As a T2A customer, you may configure and control the security of your account credits – preventing unauthorised use.

1. Using the control panel, add the IP address(es) of your server(s) which are permitted to use your T2A account. If any IP addresses are in the permitted list, requests from other IP addresses will be denied.
2. When invoking T2A from client-side Javascript, generate a secure temporary key (we refer to this as a [JavaScript key](#)) that can be safely included in your html mark-up, using the [javascript key](#) method. This key expires after a short period, and is restricted to only function on your specified domain, and can optionally be configured to only operate for the user's IP address.
3. All methods can be optionally invoked via https.

4 T2A Services List

4.1 Introduction

These are the services offered in T2A.

4.2 Find People at an Address

Returns person(s) living at a specified postcode and house number, and any telephone numbers.

If the house number is not specified, it returns a free list of premises at which people are in our database.

API	Implementation
XML, JSON and SOAP	address_person

4.3 Find UK Dialling Codes

Returns UK postal areas and dialling codes for a UK location, and vice versa.

API	Implementation
XML, JSON and SOAP	area_code

4.4 TPS/CTPS Check a Telephone Number

Checks a telephone number against **both** the domestic and business Telephone Preference Scheme (TPS and CTPS) lists to ensure that the number is not registered with either scheme and may be freely called for marketing purposes.

API	Implementation
XML, JSON and SOAP	tps_full

4.5 Find International Dialling Codes

Returns international dialling codes for a given country, and vice versa.

API	Implementation
XML, JSON and SOAP	country_dial

4.6 CTPS Check a Telephone Number

Checks a telephone number against the Corporate Telephone Preference Scheme (CTPS) list.

API	Implementation
XML, JSON and SOAP	ctps

4.7 Check Company Name Availability

Checks if a proposed company name is already registered, or if there is an existing company name which is too similar to the proposed name, under the Companies House 2006 regulations.

For example, a name check on “Simunix Wholesellers” will return “no match”, but a name check on “Simunix International” will return “Simunix Limited” because the proposed name is too similar to the latter.

API	Implementation
XML, JSON and SOAP	company_name_check

4.8 Search for a Company by Company Name

Search for a UK company using a full or partial name. You may search for current companies, dissolved companies, former names, or proposed names.

This method returns a list of company numbers which can be used with the further methods below.

API	Implementation
XML, JSON and SOAP	company_name_search

4.9 Search for a Company by Company Number

Search for a UK company using a full or partial Company Number (the unique Companies House number). You may also use the '*' wildcard character.

This method returns a list of company numbers which can be used with the further methods below.

API	Implementation
XML, JSON and SOAP	company_number_search

4.10 Find Company Details

API	Implementation
XML, JSON and SOAP	company_details

4.11 Company Credit Report

API	Implementation
XML, JSON and SOAP	company_credit_report

4.12 Get Company Filing History

API	Implementation
XML, JSON and SOAP	company_filing_history

4.13 Get Company Appointments

API	Implementation
XML, JSON and SOAP	company_appointments

4.14 Get Company Mortgage Index

API	Implementation
XML, JSON and SOAP	company_mortgage_index

4.15 Get Information on a Company Document

This Service allows you to request information on the availability of a document to order by invoking the Document Info service. The image system provides mass storage for images of documents in multi page TIFF format.

API	Implementation
XML, JSON and SOAP	company_document_info

4.16 Download a Company Document

This Service delivers the actual document to the user by invoking the Document service.

API	Implementation
XML, JSON and SOAP	company_document

4.17 Search for a Company Director

Search for a UK company director or other company officer. You may search for current officer, or disqualified ones. Use the [Director Details](#) to obtain the full details on an individual from the list returned by this service.

API	Implementation
XML, JSON and SOAP	director_search

4.18 Find Director Details

Read the full details on a single company director or other company officer. This service is used in conjunction with the [Director Search](#) service.

API	Implementation
XML, JSON and SOAP	director_details

4.19 Check the Bereavement Register

Screen a single record against our deceased person data.

API	Implementation
XML, JSON and SOAP	deceased

4.20 Bulk Check the Bereavement Register

Screen your existing data against our deceased person data; use this when processing a large CSV of data, to append deceased status and date of death columns.

API	Implementation
XML, JSON and SOAP	deceased_bulk

4.21 Search the Electoral Roll

Searches the UK edited electoral roll.

API	Implementation
XML, JSON and SOAP	electoral_roll

4.22 Find My Nearest

Returns the nearest item from a data set, to a given position.

API	Implementation
XML, JSON and SOAP	find_my_nearest

4.23 Geo-Code an Address

Returns latitude, longitude, northing and easting of a UK postcode, address, place or street.

API	Implementation
XML, JSON and SOAP	geo_code

4.24 Geo-Code a Telephone Number

Returns the approximate position of a UK telephone number.

In order to process mobile numbers, your implementation must be approved by the mobile operators; we will process the application on your behalf.

API	Implementation
XML, JSON and SOAP	geo_code_telephone

4.25 Find a Country Code from an IP Address

Returns country code of an IP address.

API	Implementation
XML, JSON and SOAP	ip_country

4.26 Find a Location from an IP Address

Returns country and approximate city location of an IP address.

API	Implementation
XML, JSON and SOAP	ip_location

4.27 Generate a Secure JavaScript Key

Returns a secure key which can be used in your web pages to provide client-side access to T2A methods using JavaScript (and, usually, JSON).

API	Implementation
XML, JSON and SOAP	javascript_key

4.28 Create an Asynchronous Job

API	Implementation
XML, JSON and SOAP	job_create

4.29 Read the Progress of an Asynchronous Job

API	Implementation
XML, JSON and SOAP	job_progress

4.30 Search PAF Data

Searches the UK postcodes data (PAF).

API	Implementation
XML, JSON and SOAP	paf

4.31 People Search

Searches for UK people, searching the electoral roll and telephone data and combining the results into one list.

API	Implementation
XML, JSON and SOAP	people_search

4.32 Check UK Place Name

Verifies a UK place name and returns a list of places if the name is ambiguous.

API	Implementation
XML, JSON and SOAP	place_name

4.33 Reverse Geo-Code

Converts a position (latitude, longitude) into the nearest UK postcode.

API	Implementation
XML, JSON and SOAP	reverse_geo_code

4.34 Send a Text Message (SMS)

Sends a text message (SMS) to a mobile telephone number.

API	Implementation
XML, JSON and SOAP	send_text_message

4.35 Search for Business Telephone Numbers

Searches the UK business telephone data, by business name.

API	Implementation
XML, JSON and SOAP	telephone_business

4.36 Search for Residential Telephone Numbers

Searches the UK residential telephone data, using a name and partial address.

API	Implementation
XML, JSON and SOAP	telephone_residential

4.37 TPS Check a Telephone Number

Checks a telephone number against the Telephone Preference Scheme (TPS) list.

API	Implementation
XML, JSON and SOAP	tps

4.38 Validate a Credit Card Number

Validates a credit card number; please note that we do not store the number.

API	Implementation
XML, JSON and SOAP	validate_credit_card

4.39 Validate an Email Address

Validates an email address.

API	Implementation
XML, JSON and SOAP	validate_email

4.40 Validate a Telephone Number

Validates a UK telephone number, returning the provider; note that this service does **not** call or 'ping' the number.

API	Implementation
XML, JSON and SOAP	validate_telephone

4.41 Validate a VAT Number

Validate UK V.A.T. registration number.

API	Implementation
XML, JSON and SOAP	validate_vat

5 XML, JSON and SOAP API Details

5.1 General XML, JSON and SOAP Overview

5.1.1 Introduction

We offer a very simple, structured XML API, which can also return a JSON response. We also offer a SOAP API, which is a superset of the XML API, using the same format of results, wrapped in a SOAP response.

The primary focus of the documentation in this section is aimed at users of the XML and JSON API; SOAP users generally would use the SOAP API as an external web service, using an IDE such as Visual Studio which creates classes to de-serialize the SOAP responses.

5.1.2 Accessing the XML and JSON API

The XML and JSON API is available:-

<http://t2a.co/rest>

5.1.3 Accessing the SOAP API

The SOAP XML API is available:-

<http://t2a.co/soap>

.NET developers using Visual Studio should use the above location when adding web services to their projects. A WSDL is available [here](#).

5.2 A JavaScript Key

The T2A methods may be invoked from client-side JavaScript. In order to secure this facility, we have created a system allowing you to create a secure temporary key.

Advantages are:-

1. There is no need to embed your API key in the HTML; use the temporary key.
2. The temporary key will only work when invoked in a specified website domain.
3. The temporary key will expire after a specified number of minutes, never more than 60.
4. The temporary key can optionally be further secured to only operate on the final client's IP address.
5. The key is encrypted using 256-bit AES encryption.

Use the method [javascript key](#) or the Java class [javascriptKey](#) to create the temporary key, to be embedded in your web page.

More information about using T2A from JavaScript [can be found here](#).

5.3 Security

All XML and SOAP requests require your [API key](#), available from the user's control panel at <https://t2a.co>.

JSON requests, and XML requests which are launched from JavaScript, should use our [javascript key](#) method to obtain a temporary, secure key which is safe to include in HTML markup, since it expires within an hour, and can be restricted to the final user's IP address.

5.4 Invoking Methods

The XML and JSON API accepts GET and POST requests; the methods can be tested using a web browser.

5.5 Using T2A from JavaScript

5.5.1 Introduction

Developers experienced in using external web services from JavaScript may wish to skip this section.

5.5.2 Cross-Domain Ajax

For reasons of web browser security, it is not normally possible to load scripts from one domain into another. For example, the following are prohibited:

- Issuing an [XMLHttpRequest\(\)](#) to another domain (a core component of [Ajax](#)).
- Accessing or modifying the [DOM](#) of a <frame> or <iframe> which has a src attribute with another domain.
- Accessing or modifying another window (or tab) which has a different [location](#).

Therefore, it is not possible to use T2A directly from Ajax on your web pages, because your Ajax request will be to a domain other than your own.

We now demonstrate three solutions to this problem.

5.5.3 Solution 1 – Raw JavaScript

This section demonstrates how to securely use T2A from client-side JavaScript, without using a JavaScript Library such as [jQuery](#).

We will use a technique known as on-demand Javascript, to force the web browser to load an external Javascript source, which in this case, is a T2A JSON response.

These examples use PHP.

5.5.3.1 Obtain a Temporary JavaScript Key

In your server-side scripting, obtain a [JavaScript key](#). This example uses PHP:-

```
<?php

$js_key = "";           //the temp key
$api_key = "";          //set your API key here

$url = "http://t2a.co/rest?"
. "method=javascript_key"
. "&api_key=" . $api_key
. "&lifetime_minutes=" . (2 * 60)           // Life time in minutes (max 24 hours)
. "&domain=t2a.co";                       // Replace with your website's domain

// Fetch XML from T2A API
$result = simplexml_load_file($url);

if ($result && $result->javascript_key)
{
    $js_key = $result->javascript_key;
}
?>
```

The temporary key is stored in the server-side variable `$js_key` in the example above.

5.5.3.2 Action a Client-Side Request to T2A

Using the temporary key, we may now send a request from the browser, to T2A.

This is done by inserting a <script> tag into the DOM, where the external JavaScript is actually a request to T2A (JSON). This does not violate browser security.

The resulting JavaScript object returned from T2A can easily be accessed.

The JavaScript is part of a server-side script, in this case PHP. This allows the temporary key to be written into the HTML:-

```
<script type="text/javascript">

//generic function to insert a script tag to execute the url
//which is an external JavaScript (JSON)
function get_json(url)
{
    var head = document.getElementsByTagName("head")[0];
    var script = document.createElement('script');
    script.type = 'text/javascript';
    script.src = url;
    head.appendChild(script);
}

// set a javascript variable, note that this is actually written by the
// PHP to set the temp key
var javascript_key="<?php echo $js_key; ?>";

// Fetch JSON from T2A API
// this is using the method ip_country

// note that we use the callback function to make the resulting
// JSON be sent to our parse_json function
window.onload = function()
{
    var url = "http://t2a.co/rest?"
    + "method=ip_country"
    + "&javascript_key=" + javascript_key
    + "&output=json"
    + "&callback=parse_json";
    get_json(url);
}
```


The function we use to parse the JSON is shown below. Here, we use simple JavaScript alert boxes to show the result or error:-

```
function parse_json(result)
{
    if(result.status == "ok")
    {
        alert('Your IP address is ' + result.ip_address + ' and your
country code is ' + result.country_code);
    }
    else
    {
        // report error
        alert(result.error_code);
    }
}
```

5.5.4 Solution 2 – jQuery

Using [jQuery](#) simplifies the process of sending the client-side request to T2A.

The example below is in PHP. As with the raw Javascript example above, we have obtained a temporary key ([see above](#)), stored in the server-side variable `$js_key`. This is written into the HTML markup by PHP, so that it can become a client-side variable called `javascript_key`.

The JQuery functions are then used to send and process the JSON request to T2A:-

```
// set a javascript variable, note that this is actually written by the
// PHP to set the temp key
var javascript_key="<?php echo $js_key; ?>";

$(document).ready(function() {
    // Fetch JSON from T2A API
    $.getJSON(
        "http://t2a.co/rest?callback=?",
        {
            'method'      :    'ip_country',
            'javascript_key' :    javascript_key,
            'output'      :    'json'
        },
        // Function to parse resulting JSON
        function(result) {

            // Check for errors
            if(result.status == "ok") {
                alert('Your IP address is ' +
result.ip_address + ' and your country code is ' + result.country_code);
            } else {
                // report error
                alert(result.error_code);
            }
        }
    );
});
```

```
    }  
    );  
});
```

5.5.5 Solution 3 – Use Ajax

You *could* use Ajax to access T2A by creating a server-side component **on your own web server** which receives the Ajax request, and then communicates with T2A.

For example, if you were using the [ip_location](#) method on a PHP website:-

1. Create a .php file to process an Ajax request; we'll call it `iploc.php`
2. Your Ajax request will use `iploc.php` on your domain (and thus avoiding cross-domain security issues).
3. The php will send a request directly to T2A from the server, and will echo the response back, to the client-side Ajax component.

In effect, `iploc.php` is a proxy, allowing you to use Ajax.

5.6 .NET Developers and the SOAP API

.NET developers using Visual Studio should create a web reference using <http://t2a.co/soap>

In the examples below, our web reference is named **t2a**. The class containing the methods is named **t2a.T2A**, and the result classes are also in the **t2a** namespace.

This is a C# illustration of the use of the [ip_country](#) method:-

```
// create a web reference using http://t2a.co/soap
//
// the reference here is named t2a, and the class is called T2A
//

// create an instance of t2a.T2A
t2a.T2A myclass = new t2a.T2A();

// the result class is also in t2a
//
t2a.ip_country_res res = myclass.ip_country(api_key, null, ip_address);

// check the status, if ok, display results, otherwise display the error
if (res.status.CompareTo("ok") == 0)
```

This is a Visual Basic illustration of the use of [ip_country](#):-

```
' execute the method

' replace with your own API key
Dim api_key As String = "----"

' create a web reference using http://t2a.co/soap
' the reference here is named t2a, and the class is called T2A

' create an instance of t2a.T2A
Dim myclass2 As New t2a.T2A()

' the result class is also in t2a
Dim res As t2a.ip_country_res = myclass2.ip_country(api_key, "",
ip_address)

' check the status, if ok, display results, otherwise display the error
If (res.status = "ok") Then
```

5.7 Result Page Caching

Some of our methods produce large result sets, comprising hundreds of records. To make this large result list usable to their end clients, developers will probably wish to present the records in shorter pages of results. In order to achieve this, it would be

necessary to store the entire result set on your web server, either in a memory cache, or a short-lived database cache.

T2A offers a transparent page cache on methods that can produce large result sets. The XML, JSON and SOAP APIs will store the complete result in a cache on your behalf (only usable by you) for 60 minutes, to allow easy paging for your final clients.

In order to use the cache, you must set **both** of the following parameters:-

- `records_per_page` - specifies the number of records to be displayed on a page.
- `num_per_page` - specify the page number to be displayed. This is a zero-based integer.

Those methods that offer page caching include the following in their result:-

- `total_records` - the total number of records in the result set.
- `page_number` - the current page number, a zero based integer.

The methods that offer page caching are:-

- [electoral_roll](#)
- [paf](#)
- [telephone_business](#)
- [telephone_residential](#)

5.8 Common XML, JSON and SOAP Error Codes

The error codes below are applicable to all methods:-

Name	Description
<code>method_not_subscribed</code>	You are not subscribed to the specified method.
<code>missing_(param)</code>	The named mandatory parameter is missing. For example:- <code>missing_api_key</code> indicates that the parameter <code>api_key</code> is missing.
<code>invalid_(param)</code>	The named parameter is in an invalid format. For example:- <code>invalid_api_key</code> indicates that the

	api_key value is invalid.
expired_javascript_key	The javascript_key value, used during client-side request, has expired.
http_referrer_missing	When a javascript_key is in use, the http referrer request header was missing, so the domain cannot be authenticated.
client_ip_address_not_allowed	When a javascript_key is in use, the IP address permitted to use the key does not match the final user's IP address.
client_domain_not_allowed	When a javascript_key is in use, the domain from which the request has originated does not match the specified domain.
unauthorised_ip_address	When not using a JavaScript key, the IP address from which the request has originated does not match any of the permitted IP addresses set the control panel.
insufficient_credit	You do not have sufficient credit to use this method.
too_many	The request returned more records than can be included in the response. More information should be supplied to allow the search to be narrowed.
no_record	The request returned no records. We return an error code in preference to the more verbose option of returning an empty result set.
invalid_address	The address given in the input parameters is invalid.
failed	A general error has occurred. In normal operation you should never see this error; please use our backup facility
no_database	A general error has occurred. In normal operation you should never see this error;

	please use our backup facility.
--	---------------------------------

5.9 Common Response Structures

These structures are returned by more than one method.

5.9.1 Common Response Structure <address>

The address structure is returned by paf; not all elements are returned by each method.

Element	Description
line_1	Address line 1
line_2	Address line 2
line_3	Address line 3
place	The place. If the address is in a named area within a large town, this will be that area, otherwise it will be the town. <code>place</code> is never empty if town is set.
town	The town; only used if the address is in a named area within that town.
postcode	The UK postal code, formatted to include the space.
addr_single_line	The address, formatted as a single line. Commas are inserted between the major elements, and the postcode is included, if available.
street	This is the “raw” element returned which is known as the thoroughfare. The cleaned elements <code>line_1</code> , <code>line_2</code> and <code>line_3</code> include this element.
street2	<p>This is the “raw” element returned which is known as the dependent thoroughfare. The cleaned elements <code>line_1</code>, <code>line_2</code> and <code>line_3</code> include this element.</p> <p>In a formatted address, this would appear before the thoroughfare, for example, <code>street2</code> (the dependent thoroughfare) is the former:-</p>

	<i>Pudding Row</i> <i>Heslingbottom Road</i>
premises	This is the “raw” building number. The cleaned elements line_1,line_2 and line_3 include this element.
building	This is the “raw” building name. The cleaned elements line_1,line_2 and line_3 include this element.
organisation	This is the “raw” organisation name. The cleaned elements line_1,line_2 and line_3 include this element.

5.9.2 Common Response Structure <business>

Element	Description
name	Business name
telephone_number	Telephone number
line_1	Address line 1
line_2	Address line 2
line_3	Address line 3
place	The place. If the address is in a named area within a large town, this will be that area, otherwise it will be the town. <code>place</code> is never empty if town is set.
town	The town; only used if the address is in a named area within that town.
postcode	The UK postal code, formatted to include the space.
addr_single_line	The address, formatted as a single line. Commas are inserted between the major elements, and the postcode is included, if available.

5.9.3 Common Response Structure <company_short>

This structure is a brief summary of a company name and other details, as returned by [company name search](#).

Note that the ***company_number*** value is used in order to access the main company information methods.

Element	Description
name	The company name.
company_number	The unique Companies House company number.
data_set	The data set to which this record belongs. These are:-

	<ul style="list-style-type: none"> • LIVE • DISSOLVED • FORMER • PROPOSED
company_index_status	<p>EFFECTIVE : Proposed Name accepted for processing.</p> <p>REJECTED : Proposed Name Rejected.</p> <p>REMOVED : Removed from register (Converted or Closed).</p> <p>CNGOFNAME : Change of name</p> <p>DISSOLVED : INLIQ : In Liquidation.</p> <p>STATUSR : For a Scottish company, this will indicate that the company is in receivership. For English/Welsh companies, the "receivership" flag may mean that one or more of the company's properties has gone into receivership.</p>
company_date	The date on which the Action / Event took place

5.9.4 Common Response Structure <director>

This structure is returned by [director_search](#) and [director_details](#). All elements may be empty unless stated.

Element	Description
title	The person's title, such as Mr, Mrs, Ms etc.
forename	Only supplied where applicable - May be more than one occurrence.
surname	The person's surname.
honours	The person's honours. Note that this is only present when this instance

	is returned from the director_details method.
nationality	<p>The nationality.</p> <p>Note that this is only present when this instance is returned from the director_details method.</p>
corporate_indicator	<p>Used to distinguish corporate appointments from natural person appointments. Will be set to “Y” or “1” if the officer is a corporate body. Otherwise set to space.</p> <p>Note that this is only present when the instance is returned from the director_details method or company_appointments method.</p>
country_state_of_residence	The ‘Country/State of Residence’ applies to officers who are indicated as Natural Person Directors. Data captured within this field will return for filings under the 2006 Act for these officer types only; Where there is no data captured the field will remain blank.
name_single_line	<p>The name on a single line, comprising title, forename, middle initial and surname; for example:-</p> <p><i>Mr Alan Fiction</i> <i>Jean A Dreamer</i></p>
director_id	<p>An ID to be used in the director_details method, to obtain full information on the individual.</p> <p>Note that the ID consists only of alphanumeric characters plus the underscore _ and dash – characters.</p>
line_1	<p>Address line 1.</p> <p>Note that this is only present when the instance is returned from the director_details method or company_appointments method.</p>
line_2	<p>Address line 2.</p> <p>Note that this is only present when the instance is returned from the director_details method or</p>

	company appointments method.
line_3	Address line 3. Note that this is only present when the instance is returned from the director details method or company appointments method.
place	The place.
postcode	The postcode
addr_single_line	The address, formatted as a single line. Commas are inserted between the major elements, and the postcode is included, if available.
dob	The date of birth in the format YYYY-MM-DD (e.g. 1963-05-16)
num_appt	Total number of appointments of all kinds held by an individual.
num_current_appt	Number of current appointments..
num_dissolved_appt	Number of dissolved appointments.
num_resigned_appt	Number of resigned appointments.
director_appt_list	List of director appt records, this is only returned when the search was for current company officers.
director_disq_list	List of director disq records for a disqualified director. This is only returned when the search was for disqualified company officers.

5.9.5 Common Response Structure <director_appt>

This structure is only used in conjunction with the above [director](#) structure, and only during the method [director details](#). This shows the appointments relating to this company officer.

Element	Description
company_name	The company name.
company_number	The companies house number.
company_status	The current status. The defined values include:- <ul style="list-style-type: none">• active• dissolved• liquidation• receivership
status	The appointment status. The values include:- <ul style="list-style-type: none">• current• resigned
type	The appointment type. See the Company Officer Types appendix.
appointment_date	In the format YYYY-MM-DD
resignation_date	In the format YYYY-MM-DD
occupation	The occupation of the individual.
date_prefix	Only supplied where applicable, will be supplied if the appointee was appointed prior to the original data capture by Companies House and the appointment date was taken from the last Annual Return An example is:- <i>PRE-</i>

5.9.6 Common Response Structure <director_disq>

This structure is only used in conjunction with the above [director](#) structure, and only during the method [director_details](#). This structure contains the information on the companies from which the individual is disqualified.

Element	Description
company_name	The company name.
company_number	The companies house number.
reason	Reason for disqualification. An example is: <i>CDDA 1986 S7.</i> See the appendix for an explanation. The above example means that the person was disqualified under the Company Directors Disqualification Act 1986 section 7.
start_date	In the format YYYY-MM-DD
end_date	In the format YYYY-MM-DD
exemptions	Only supplied where applicable. This is a nested list (with no further children) of director_disq records. The record in the exemptions list do not have their reason and exemptions fields set.

5.9.7 Common Response Structure <document>

The company document structure is returned by the [company_document_info](#) and [company_document](#) methods.

Element	Description
company_number	The companies house number.
form_type	See the Companies House Form Types appendix.
num_pages	The number of pages in the multi-page TIFF document. This is only returned if the document is immediately available.

made_up_date	This is only returned if the document is immediately available and is returned by only the company document information method.
media	<p>Values are:-</p> <ul style="list-style-type: none"> • ARCHIVE • JUKEBOX • CACHE • UNAVAILABLE <p>If the Media is Archived it will take approximately 2 hours before it is available for inspection.</p> <p>This is only returned by the company document information method.</p>
doc_request_key	The key to be used in the company document method. This is only returned by the company document information method.
web_address	<p>The full URL of an http download which will allow your final client (or you, on their behalf) to download the PDF presentation of the document.</p> <p>This is only returned by the company document method.</p>

5.9.8 Common Response Structure <geo_data>

The address structure is returned by [geo code](#), [geo code telephone](#), [find my nearest](#); not all elements are returned by each method.

Element	Description
north	Northing value, if the data is in the UK. See Co-ordinate Systems
east	Easting value, if the data is in the UK. See Co-ordinate Systems .
latitude	WGS 84 (GPS) latitude value

longitude	WGS 84 (GPS) longitude value
country_code	ISO 3166-1 two character country code
country_name	The country name.
description	Description of the item.
postcode	A full UK postcode; in the case of geo code telephone this is a sample postcode in the area indicated.
city	The nearest city; this is only set by ip location .

5.9.9 Common Response Structure <person>

The person structure is returned by [address_person](#), [electoral_roll](#), [people_search](#) and [telephone_residential](#); not all elements are returned by each method.

Element	Description
title	The person's title, such as Mr, Mrs, Ms etc.
forename	The person's first name
middle_initial	The second initial
surname	The person's surname
name_single_line	The name on a single line, comprising title, forename, middle initial and surname; for example:- <i>Mr Alan Fiction</i> <i>Jean A Dreamer</i>
line_1	Address line 1
line_2	Address line 2
line_3	Address line 3
place	The place. If the address is in a named area within a large town, this will be that area, otherwise it will be the town. <code>place</code> is never empty if town is set.
town	The town; only used if the address is in a named area within that town.
postcode	The UK postal code, formatted to include the space.
addr_single_line	The address, formatted as a single line. Commas are inserted between the major elements, and the postcode is included, if available.
years_list	A list of years, in which the electoral roll record for this person has been found. This is only set by the electoral_roll and

	<p>address person methods.</p> <p>Please note that the XML returns an array of Strings; each year is a single String:-</p> <pre><years_list> <string>2008</string> <string>2009</string> <string>2010</string> <string>2011</string> </years_list></pre> <p>The JSON returns an array of years thus:-</p> <pre>"years_list": ["2009", "2010", "2011"],</pre>
telephone_number	<p>The person's telephone number.</p> <p>This is only set by the address person method.</p>
mobile	The person's mobile phone number
mobile_can_sms	Y if the person has given permission for SMS marketing
dob	Date of birth YYYY-MM-DD
email_address	Email address
sex	Gender M or F
council_tax_band	Council tax band A-H
num_dependents	Number of dependents
occupation	Occupation description
employment_status	Employment status description
director	Y if the person is a company director
home_type	Home type description
home_owner	Y if this is a home owner
num_bedrooms	Number of bedrooms

5.9.10 Common Response Structure <place>

The place structure is used in place lists returned by [electoral_roll](#), [telephone_business](#) and [telephone_residential](#); not all elements are returned by each method.

Element	Description
Name	The place name as a single line of text. For example:- Weymouth, Dorset

5.9.11 Common Response Structure <premises>

An array of records is returned from an address-only [electoral_roll](#) search or from [address_person](#) - the end user should select the premises at which to view the occupants. Use the **name** value to replace the *premises* input parameter value.

You must use the entire name value, including the postal code, when replacing the premises value.

Element	Description
Name	The name of a premises, for example:- 27 Imagination Gardens (YO10 5DG)

5.9.12 Common Response Structure <street>

This structure is returned by the [electoral_roll](#) and [people_search](#) methods. An array of records is returned from an address-only search – the end user should select the street on which to view the occupants. Use the ***name*** value to replace the *street* input parameter value.

Element	Description
Name	The street name, for example:- Imagination Gardens, Magic Street (YO10)

5.10 XML, JSON and SOAP Methods

5.10.1 Method 'address_person'

5.10.1.1 Description

Returns person(s) living at a specified postcode and house number, and any telephone numbers.

The API requires a unique UK address in order that it may return the above information.

A full UK postcode is required. If the house number or name is not specified, the method returns a **free** list of the premises at which there is data about one or more persons. The final user may be presented with that list, and may opt to select an address at which to view the data. If there is no residential data at an address, that address will not appear in the list.

5.10.1.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
postcode	Enter a full UK postcode; this can include spaces and can be in any case.

5.10.1.3 Optional Parameters

Name	Description
Client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
Output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
premises	Enter the house number or name. Leave blank to return a free (no charge) list of the premises at which there is one or more occupant – the end user will then select a premises from that list, at

	which to view the occupant(s) and telephone number(s).
--	--

5.10.1.4 Returned Values

The XML response is contained within an `<address_person_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the error code for error details. See below for error code explanations.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
person_list	An array of person records.
premises_list	<p>An array of premises records.</p> <p>This is seen if the premises parameter is ambiguous or not specified; it is a free list of addresses at which there is data about the resident(s), and can be used to allow the end user to select the household to be viewed.</p> <p>Use the name value from the selected premises to replace the premises input parameter value when re-invoking this method.</p> <p>No charge is made when a premises_list is returned.</p>

5.10.1.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.1.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

5.10.1.7 Example XML Response

```
<?xml version="1.0">
<address_person_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
  <person_list>
    <person>
      <title>Mr</title>
      <forename>Alan</forename>
      <middle_initial/>
      <surname>Fiction</surname>
      <line_1>4 Imagination Gardens</line_1>
      <line_2>Magic Street</line_2>
      <line_3/>
      <place>Heslingdown</place>
      <town>York</town>
      <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
      <postcode>YO10 5DG</postcode>
      <telephone_number>(01904) 000000</telephone_number>
    </person>
    <person>
      <title>Mrs</title>
      <forename>Jean</forename>
      <middle_initial/>Z<middle initial>
      <surname>Fiction</surname>
      <line_1>4 Imagination Gardens</line_1>
      <line_2>Magic Street</line_2>
      <line_3/>
      <place>Heslingdown</place>
      <town>York</town>
      <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
      <postcode>YO10 5DG</postcode>
      <telephone_number>(01904) 000000</telephone_number>
    </person>
  </person_list>
</address_person_res>
```

5.10.1.8 Example JSON Response

The JSON response has here been indented and displayed on multiple lines for readability.

```
{ "person_list": [
  {
    "title": "Mr",
    "forename": "Alan",
    "middle_initial": "",
    "surname": "Fiction",
    "telephone_number": "(01904) 000000",
    "line_1": "4 Imagination Gardens",
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG"
  },
  {
    "title": "Mrs",
    "forename": "Jean",
    "middle_initial": "Z",
    "surname": "Fiction",
    "telephone_number": "(01904) 000000",
    "line_1": "4 Imagination Gardens",
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG "
  }
],
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```


5.10.2 Method 'area_code'

5.10.2.1 Description

Returns UK postal areas and dialling codes for a UK location, and vice versa.

5.10.2.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
text	Enter a UK place name, postcode area or dialling code.

5.10.2.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.2.4 Returned Values

The XML response is contained within an `<area_code_res>` element.

Note that this has an array nested within an array ([area code](#) records contain an array of [place](#) records).

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the error code for error details. See below for error code explanations.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.

credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
area_code_list	An array of area code records.

5.10.2.5 Response Structure <area_code>

This structure is only used by this method.

Element	Description
code	The UK dialling code, for example 0113
place_list_num	The number of records in the place_list array.
place_list	An array of place records.

5.10.2.6 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.2.7 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.2.8 Example XML Response

This is an actual response for the text value Weymouth: -

```
<area_code_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
  <area_code_list>
    <area_code>
      <code>01630</code>
      <place_list_num>1</place_list_num>
      <place_list>
        <place>
          <name>Weymouth, Market Drayton, Shropshire</name>
        </place>
      </place_list>
    </area_code>
    <area_code>
      <code>01305</code>
      <place_list_num>1</place_list_num>
      <place_list>
        <place>
          <name>Weymouth, Dorset</name>
        </place>
      </place_list>
    </area_code>
  </area_code_list>
</area_code_res>
```

5.10.2.9 Example JSON Response

The JSON response has here been indented and displayed on multiple lines for readability.

```
{ "area_code_list": [
  { "code": "01630",
    "place_list_num": "1",
    "place_list": [
      { "name": "Weymouth, Market Drayton, Shropshire" }
    ]
  },
  { "code": "01305",
    "place_list_num": "1",
    "place_list": [
      { "name": "Weymouth, Dorset" } ] ],
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```

5.10.3 Method 'tps_full'

5.10.3.1 Description

Checks a telephone number against **both** the domestic and business Telephone Preference Scheme (TPS and CTPS) lists to ensure that the number is not registered with either scheme and may be freely called for marketing purposes

5.10.3.2 Mandatory Parameters

Nam1e	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
telephone_number	Enter a UK telephone number. This can include spaces, brackets etc.

5.10.3.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.3.4 Returned Values

The XML response is contained within a `<tps_full_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the error code for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.

credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
tps_status	'call' if the number is NOT in the TPS (the domestic) register; 'no_call' if the number IS in the TPS register.
ctps_status	'call' if the number is NOT in the CTPS (the business) register; 'no_call' if the number IS in the CTPS register.

5.10.3.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.3.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.4 Method 'company_name_check'

5.10.4.1 Description

Checks if a proposed company name is already registered, or if there is an existing company name which is too similar to the proposed name, under the Companies House 2006 regulations.

For example, a name check on “Simunix Wholesellers” will return “no match”, but a name check on “Simunix International” will return “Simunix Limited” because the proposed name is too similar to the latter.

5.10.4.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
name	A proposed company name

5.10.4.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.4.4 Returned Values

The XML response is contained within a `<company_name_search_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.

error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
input_name	The name parameter as entered.
company_short_list	An array of company short records. If present, this list shows the company or companies whose name(s) is or are too similar to the proposed name.

5.10.4.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.4.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as `test` when the method is operating in the [free test mode](#).

5.10.4.7 Example XML Response

```
<?xml version="1.0"?>
<company_name_check_res>
  <mode>normal</mode>
  <t2a_version_number>1.2.8.0</t2a_version_number>
  <status>ok</status>
  <chargeable>true</chargeable>
  <input_name>simunix international</input_name>
  <company_short_list>
    <company_short>
      <name>Simunix Limited</name>
      <company_number>03684982</company_number>
      <data_set>LIVE</data_set>
    </company_short>
  </company_short_list>
</company_name_check_res>
```

5.10.4.8 Example JSON Response

```
{
  "input_name": "simunix international",
  "company_short_list": [
    {
      "name": "Simunix Limited",
      "company_number": "03684982",
      "data_set": "LIVE"
    }
  ],
  "mode": "normal",
  "t2a_version_number": "1.2.8.0",
  "status": "ok",
  "chargeable": "true"
}
```

5.10.5 Method 'company_name_search'

5.10.5.1 Description

Search for a UK company using a full or partial name.

The data comes directly from Companies house. Each page includes links to navigate backwards or forwards to receive a new page.

As each page arrives, we cache it for 60 minutes on your behalf, to ease navigation.

5.10.5.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
name	A full or partial company name.
type	The data set in which to search. These are:- <ul style="list-style-type: none">• LIVE• DISSOLVED• FORMER• PROPOSED

5.10.5.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
page_id	Use a <code>previous_page_id</code> or <code>next_page_id</code> from a previous result, or leave blank to show the first page of results.

5.10.5.4 Returned Values

The XML response is contained within a `<company_name_search_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
previous_page_id	A link to the previous page of results (if present). Note that the ID consists only of alphanumeric characters plus the <code>_</code> and <code>-</code> characters.
next_page_id	A link to the next page of results (if present). Note that the ID consists only of alphanumeric characters plus the <code>_</code> and <code>-</code> characters.
company_short_list	An array of company short records.

5.10.5.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.5.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.5.7 Example XML Response

This is a portion of the response for a search for simunix:-

```
<?xml version="1.0" encoding="utf-8"?>
<company_name_search_res>
  <mode>normal</mode>
  <t2a_version_number>1.0.8.2</t2a_version_number>
  <status>ok</status>
  <error_code/>
  <chargeable>true</chargeable>
  <previous_page_id/>
  <next_page_id>a5nQFcZT80OLKJPt8tYb_b</next_page_id>
  <company_short_list>
    <company_short>
      <name>Simunix Limited</name>
      <company_number>03684982</company_number>
      <data_set>LIVE</data_set>
      <company_index_status/>
      <company_date/>
    </company_short>
  </company_short_list>
</company_name_search_res>
```

5.10.6 Method 'company_number_search'

5.10.6.1 Description

Search for a UK company using a full or partial Company Number (the unique Companies House number). Normally a full company number would be entered, but the '*' wildcard character may also be used to allow searching in a range of numbers.

This method returns a list of full company numbers which can be used with the further methods below.

Unlike the [company_name_search](#) method, the company *type* is not mandatory.

5.10.6.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
company_number	A full or partial company name. Use may use a wildcard '*' character.

5.10.6.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
type	<p>The data set in which to search. These are:-</p> <ul style="list-style-type: none">• LIVE• DISSOLVED• FORMER• PROPOSED <p>If this is not supplied, this method searches all the data</p>

	sets.
page_id	Use a <code>previous_page_id</code> or <code>next_page_id</code> from a previous result, or leave blank to show the first page of results.

5.10.6.4 Returned Values

The XML response is contained within a `<company_number_search_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
previous_page_id	A link to the previous page of results (if present). Note that the ID consists only of alphanumeric characters plus the <code>_</code> and <code>-</code> characters.
next_page_id	A link to the next page of results (if present). Note that the ID consists only of alphanumeric characters plus the <code>_</code> and <code>-</code> characters.
company_short_list	An array of company short records.

5.10.6.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.6.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.6.7 Example XML Response

```
<?xml version="1.0"?>
<company_number_search_res>
  <mode>normal</mode>
  <t2a_version_number>1.0.6.9</t2a_version_number>
  <status>ok</status>
  <previous_page_id />
  <next_page_id />
  <company_short_list>
    <company_short>
      <name>Simunix Limited</name>
      <company_number>03684982</company_number>
      <data_set>LIVE</data_set>
      <company_index_status />
      <company_date />
    </company_short>
  </company_short_list>
</company_number_search_res>
```


5.10.7 Method 'company_credit_report'

5.10.7.1 Description

This Service provides a credit report on a Limited Company. Enter the Companies House number of a limited company to receive a report giving a current rating and a calculation of the recommended total credit amount that should be awarded at any one time.

The credit report also includes the following additional information:-

- Company Financial Information
- Shareholders
- CCJ Information
- Comments

The financial information is offered as a list of periods, and includes balance sheet, profit and loss, ratio and capital reserves. This document lists the elements in those sections; a detailed explanation of financial report information is beyond the scope of this document.

The method offers a [free test mode](#); use of this is highly recommended during the initial integration.

5.10.7.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
company_number	The full Companies House number. This is returned by the Company Name Search and Company Number Search .

5.10.7.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.

callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
-----------------	---

5.10.7.4 Returned Values

The XML response is contained within a `<company_credit_report_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
report	The credit report information

5.10.7.5 Credit Report Response Details

This is the <report> element of a credit report.

Element	Description
rating_score	The credit worthiness of the company (see below)
rating_desc	A description of the current rating
rating_date	Date of current rating YYYY-MM-DD
prev_rating_score	Previous rating
prev_rating_desc	Previous description
prev_rating_date	Date of the previous rating YYYY-MM-DD
limit	Recommended credit limit in GBP
limit_date	Date of the recommended credit limit YYYY-MM-DD
prev_limit	Previous credit limit
prev_limit_date	Date of the previous credit limit YYYY-MM-DD
company_shareholder_list	List of company_shareholder elements
company_financial_list	List of company_financial elements
ccj_payment_list	List of company_ccj_payment elements
comment_list	List of company_comment elements

5.10.7.6 Response Structure <company_comment>

This is a single comment within the comment list of a credit report.

Element	Description
comment	The comment text
val1	Value associated with the comment
val2	Value associated with the comment
impact	The comment's impact, + or -
priority	The recommended ordering of the comments

5.10.7.7 Response Structure <company_shareholder>

This is a single shareholder within the shareholder list of a credit report.

Element	Description
name	Shareholder's name
currency	The currency used
shares	Full description of the shares
share_count	The shares amount
share_type	The shares type
nominal_value	The nominal value of the share
percentage	The percentage held by this shareholder

5.10.7.8 Response Structure <company_ccj_payment>

This is a single County Court Judgement (ccj) item within the ccj list of a credit report.

Element	Description
case_number	The case number
ccj_date	The date YYYY-MM-DD
ccj_date_paid	Date when paid YYYY-MM-DD
court	The court name
status	CCJ Status
amount	Amount
exact	Exact (yes/no)

5.10.7.9 Response Structure <company_financial>

This is a single financial item (covering a described period) within the financial list. Note that there are sub-elements for profit and loss, balance sheet, capital reserve and ratio; the names of those elements are listed separately.

Element	Description
start_date	The start date YYYY-MM-DD
end_date	The end date YYYY-MM-DD
currency	Currency e.g. GBP
period_months	The period covered, in months
profit_loss	Company Profit and Loss information
balance_sheet	Company Balance Sheet information
capital_reserve	Company Capital Reserve information
ratio	Company Ratio information
net_cash_flow_from_operations	Financial Information
net_cash_flow_before_financing	Financial Information
net_cash_flow_from_financing	Financial Information
contingent_liability	Financial Information
capital_employed	Financial Information
employees	Number of employees
auditors	The name of the auditors
audit_qualification	Comments from the auditors
bankers	Bankers
bank_branch_code	The Sort code e.g. 60-60-05

5.10.7.10 Company Profit and Loss

These are the elements within the profit_loss section.

Element
turnover
consolidated_accounts
cost_of_sales
gross_profit
export
directors_emoluments
operating_profits
depreciation
audit_fees
interest_payments
pre_tax
taxation
post_tax
dividends_payable
retained_profits
salaries

5.10.7.11 Company Balance Sheet

These are the elements within the balance_sheet section.

Element
tangible_assets
intangible_assets
fixed_assets
current_assets
trade_debtors
stock
cash
other_current_assets
increase_in_cash
misc_current_assets
total_assets
total_current_liabilities
trade_creditors
overdraft
other_short_term_finance
misc_current_liabilities
other_long_term_finance
long_term_liabilities
overdraft_long_term_liabilities
liabilities
net_assets
working_capital

5.10.7.12 Company Capital Reserve

These are the elements within the capital_reserve section.

Element
paid_up_equity
profit_loss_reserve
sundry_reserve
revaluation_reserve
net_worth
reserves
shareholder_funds

5.10.7.13 Company Ratio

These are the elements within the ratio section.

Element
pre_tax_margin
net_working_capital
gearing_ratio
equity
creditor_days
debtor_days
liquidity
return_on_capital_employed
current_ratio
total_debt_ratio
stock_turnover_ratio
return_on_assets_employed
return_on_net_assets_employed
current_debt_ratio

5.10.7.14 Creditworthiness Ratings Explained

Key Financials Filed / Established

Rating	Description
71-100	Very Good Credit Worthiness
51-70	Good Credit Worthiness
30-50	Credit Worthy
21-29	Credit Against Collateral
1-20	Caution – Credit at your discretion
Not Rated	Please see report for description

Newly Incorporated

Rating	Description
51-100	Low Risk
30-50	Moderate Risk
1-29	Caution - High risk
Not Rated	Please see report for description

5.10.8 Method ‘company_details’

5.10.8.1 Description

This Service provides general information relating to a company whose details are known to Companies House. No data is available on this function for company numbers with the following prefixes:-

- GN
- IC
- IP
- NA
- NO
- RC
- SI
- NI
- IP
- NF
- NP
- NR

- SP
- NL
- NZ
- S

5.10.8.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
company_number	The full Companies House number. This is returned by the Company Name Search and Company Number Search .

5.10.8.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.8.4 Returned Values

The XML response is contained within a `<company_details_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.

t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
company	A company response structure .

5.10.8.5 Response Structure <company>

This structure is only used by this method.

Element	Description
Name	The company name.
company_number	The unique Companies House company number.
data_set	<p>The data set to which this record belongs. These are:-</p> <ul style="list-style-type: none"> • LIVE • DISSOLVED • FORMER • PROPOSED
company_index_status	<p>EFFECTIVE : Proposed Name accepted for processing.</p> <p>REJECTED : Proposed Name Rejected.</p> <p>REMOVED : Removed from register (Converted or Closed).</p> <p>CNGOFNAME : Change of name</p> <p>DISSOLVED : INLIQ : In Liquidation.</p> <p>STATUSR : For a Scottish company, this will indicate that the company is in receivership. For English/Welsh companies, the "receivership" flag may mean that one or more of the company's properties has gone into receivership.</p>

company_date	The date on which the Action / Event took place
previous_name_list	A list of company previous name records
account_list	A list of company account records
return_list	A list of company return records
sic_code_list	A list of company sic code records
limited_partnership_list	A list of company limited partnership records
mortgage_list	A list of company mortgage records
reg_address	<p>Contains the registered address.</p> <p>The following elements are nested within the registered address:-</p> <ul style="list-style-type: none"> • line_1 • line_2 • line_3 • place • town • postcode • addr_single_line
company_category	See the Company Categories appendix
company_status	See the Company Status appendix
country_of_origin	See the appendix for a complete list of values
reg_date_type	<p>This is a Label indicator – SE companies have various registration methods.</p> <p>This indicator allows the correctly registration method to be identified.</p> <p>0 = Date of Registration 1 = Date of Formation in GB 2 = Date of Transfer into GB 3 = Date of Transformation 4 = Date of Conversion</p>
incorporation_date	Only supplied for companies which are

	incorporated in English,Wales and Scotland
registration_date	Only supplied for companies which are NOT 0, SC, SE and ES prefixes
dissolution_date	Only supplied for companies which are incorporated in English,Wales and Scotland
closure_date	Only supplied for companies which are NOT incorporated in English,Wales and Scotland
last_full_mem_date	
weeded_date	Only supplied where applicable. Indicates the date on which the Microfiche has been weeded.
last_bulk_share_date	
has_uk_establishment_info	0 = No 1 = Yes Indicates that an Overseas company has registered a UK Establishment name and address with Companies House (previously referred to as 'Branch')
has_appointments	0 = No 1 = Yes Indicates that a company has Company Appointment details registered at Companies House
in_liquidation	0 = No 1 = Yes Indicates that at some point during the companies life insolvency proceedings have taken place

5.10.8.6 Response Structure <company_previous_name>

This structure is only used by this method.

Element	Description
con_date	The date of the change, in the format YYYY-MM-DD
previous_name	The previous name

5.10.8.7 Response Structure <company_account>

This structure is only used by this method.

Element	Description
account_ref_date	The accounting reference date This is in the format DD-MM
next_due_date	The next due date in the format YYYY-MM-DD
overdue	Accounts overdue YES or NO
last_made_up_date	In the format YYYY-MM-DD
accounts_category	Describes type of accounts filed
documents_available	1 if the documents are available

5.10.8.8 Response Structure <company_return>

This structure is only used by this method.

Element	Description
next_due_date	The next due date in the format YYYY-MM-DD
overdue	Accounts overdue YES or NO
last_made_up_date	In the format YYYY-MM-DD
documents_available	1 if the documents are available

5.10.8.9 Response Structure <company_sic_code>

This structure is only used by this method.

Element	Description
sic_text	Only supplied where applicable. If none given, message "None Supplied" is shown.

5.10.8.10 Response Structure <company_limited_partnership>

This structure is only used by this method.

Element	Description
num_gen_partners	Only supplied where applicable (for LP and SL companies).
num_lim_partners	Only supplied where applicable (for LP and SL companies).

5.10.8.11 Response Structure <company_mortgage>

This structure is only used by this method.

Element	Description
mortgage_ind	Supplies 3 values of :-No LT300 (less than 300) GE300 (greater than or equal to 300)
num_mort_charges	Total number of charges registered against the company
num_mort_outstanding	Total Number of Outstanding charges registered against the company
num_mort_satisfied	Total Number of Satisfied charges registered against the company
num_mort_part_satisfied	Total Number of Part Satisfied charges registered against the company

5.10.8.12 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.8.13 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.8.14 Example XML Response

```
<?xml version="1.0" encoding="utf-8"?>
<company_details_res>
  <mode>test</mode>
  <t2a_version_number>1.1.0.2</t2a_version_number>
  <status>ok</status>
  <company>
    <name>Not a Real Company Ltd</name>
    <company_number>000000000</company_number>
    <data_set>LIVE</data_set>
    <company_index_status/>
    <company_date/>
    <previous_name_list>
      <company_previous_name>
        <con_date>2012-01-02</con_date>
        <previous_name>Used To Be A Real Company</previous_name>
      </company_previous_name>
    </previous_name_list>
    <account_list>
      <company_account>
        <account_ref_date>31-12</account_ref_date>
        <next_due_date>2012-09-30</next_due_date>
        <overdue>NO</overdue>
        <last_made_up_date>2010-12-31</last_made_up_date>
        <accounts_category>TOTAL EXEMPTION SMALL</accounts_category>
        <document_available>1</document_available>
      </company_account>
    </account_list>
    <return_list>
      <company_return>
        <next_due_date>2012-09-30</next_due_date>
        <overdue>NO</overdue>
        <last_made_up_date>2010-12-31</last_made_up_date>
        <document_available>1</document_available>
      </company_return>
    </return_list>
    <sic_code_list>
      <company_sic_code>
        <sic_text>7487 - Other business activities</sic_text>
      </company_sic_code>
    </sic_code_list>
    <limited_partnership_list>
      <company_limited_partnership>
        <num_gen_partners>2</num_gen_partners>
        <num_lim_partners>2</num_lim_partners>
      </company_limited_partnership>
    </limited_partnership_list>
    <mortgage_list>
      <company_mortgage>
        <mortgage_ind/>
        <num_mort_charges>1</num_mort_charges>
        <num_mort_outstanding>1</num_mort_outstanding>
        <num_mort_part_satisfied>0</num_mort_part_satisfied>
        <num_mort_satisfied>0</num_mort_satisfied>
      </company_mortgage>
    </mortgage_list>
    <reg_address>
      <line_1>23 Imagination Forest</line_1>
      <line_2>Rose Garden</line_2>
    </reg_address>
  </company>
</company_details_res>
```

```

    <line_3/>
    <place>Heslundown</place>
    <town/>
    <postcode>YO10 5DG</postcode>
    <addr_single_line>23 Imagination Forest, Rose Garden, Heslundown,
YO10 5DG</addr_single_line>
  </reg_address>
  <company_category>Private Limited Company</company_category>
  <company_status>Active</company_status>
  <country_of_origin>United Kingdom</country_of_origin>
  <reg_date_type>0</reg_date_type>
  <incorporation_date>1998-12-17</incorporation_date>
  <registration_date/>
  <dissolution_date/>
  <closure_date/>
  <last_full_mem_date>2010-12-17</last_full_mem_date>
  <weeded_date/>
  <last_bulk_share_date/>
  <has_uk_establishment_info/>
  <has_appointments>1</has_appointments>
  <in_liquidation>0</in_liquidation>
</company>
</company_details_res>

```

5.10.9 'company_filing_history'

5.10.9.1 Description

This Service provides details of receipt of official documents relating to a company that is registered with Companies House. It provides a history of documents filed by the company in descending order.

You can use this list of documents to order individual, or a series of documents. These can be delivered in conjunction with [company document info](#) and [company document](#).

No data and document options are available for company numbers with the following prefixes:

- IC
- IP
- LP
- NP
- NR
- NZ
- RC
- SI
- SL
- SP
- SR

5.10.9.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
company_number	The Companies House company number
page_id	Use a previous_page_id or next_page_id in a previous result, or leave blank to show the first page of results.

5.10.9.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.9.4 Returned Values

The XML response is contained within a `<company_filing_history_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
filing_history_list	A list of company filing history records.

5.10.9.5 Response Structure <company_filing_history>

This structure is only used by this method.

Element	Description
document_description	Description of the document.
form_type	See the Companies House form types appendix .

image_key	Only supplied where applicable - Provides a unique reference to documents filed at Companies House. Used for retrieval of the document in company document info .
doc_being_scanned	Only supplied where applicable - indicates that the document has only recently been received and is not available for public inspection yet
model_articles	.
child_list	A list of company filing history child records.

5.10.9.6 Response Structure <company_filing_history_child>

This structure is only used by this method. The child represents an annotation to the above filing list.

Element	Description
document_date	The date the document was registered at companies house - not the received date
form_type	See the Companies House form types appendix
document_description	A description of the annotation.
latest_statement_of_capital	If set, indicates that the statement of capital associated Ind with the document is the latest Statement of Capital

5.10.10 'company_mortgage_index'

5.10.10.1 Description

The Mortgage Index is used to obtain summary information relating to all charges filed against a company.

This Service returns a list of mortgage charges relating to particular companies, with the oldest charge returned first. All Outstanding and Part Satisfied charges will be sent. You may opt for the inclusion of satisfied charges by sending the appropriate indicator.

The Mortgage Index gives details of charges satisfied after 01/01/1987, if a mortgage was registered with Companies House before 1987 and satisfied after this date it will be shown on the index.

No data and document options are available for company numbers with the following prefixes:

- IC
- IP
- LP
- NP
- NR
- RC
- SI
- SL
- SP
- SR

5.10.10.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
company_number	The Companies House company number
page_id	Use a previous_page_id or next_page_id in a previous result, or leave blank to show the first page of results.

5.10.10.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.10.4 Returned Values

The XML response is contained within a `<company_mortgage_index_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
charge_list	A list of company charge records.

5.10.10.5 Response Structure <company_charge>

This structure is only used by this method.

Element	Description
charge_number	The unique charge number for this particular company
description	Description of the charge
creation_date	Creation date in YYYY-MM-DD
registration_date	Registration date in YYYY-MM-DD
charge_satisfied	Indicates the current status of the charge options are Satisfied, Part Satisfied and Outstanding
person_entitled_list	List of company_charge_person_entitled records. This is a list of entities that are entitled to the charge.
alteration_indicator	Only supplied where applicable (Scottish Companies only) - display "Alteration to Charge"
details_on_fiche_ind	Indicates that there is additional information on the actual document display "SEE THE MORTGAGE CHARGE DOCUMENT FOR FULL DETAILS"
receiver_appt_ind	Set if a receiver has been appointed

5.10.10.6 Response Structure <company_charge_person_entitled>

This structure is only used by this method.

Element	Description
name	Name of the entity

5.10.10.7 Example XML Response

```
<?xml version="1.0" encoding="utf-8"?>
<company_mortgage_index_res>
  <mode>test</mode>
  <t2a_version_number>1.1.0.4</t2a_version_number>
  <status>ok</status>
  <charge_list>
    <company_charge>
      <charge_number>1</charge_number>
      <description>LEGAL CHARGE</description>
      <creation_date>1980-03-17</creation_date>
      <registration_date>1980-03-19</registration_date>
      <charge_satisfied>Satisfied</charge_satisfied>
      <person_entitled_list>
        <company_charge_person_entitled>
          <name>Fictional Bank Plc</name>
        </company_charge_person_entitled>
      </person_entitled_list>
      <alteration_indicator />
      <detail_on_fiche_ind />
      <receiver_appt_ind />
    </company_charge>
  </charge_list>
</company_mortgage_index_res>
```

5.10.11 ‘company_appointments’

5.10.11.1 Description

This Service provides information relating to the appointments and resignations (i.e. past and present directors and secretaries) of a particular company selected by the user. No data and document options are available for company numbers with the following prefixes:

- AC
- BR
- GE
- GS
- IC
- IP
- LP
- NP
- NR
- RC
- SA
- SI
- SL
- SP
- SR

5.10.11.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
company_number	The Companies House company number
page_id	Use a previous_page_id or next_page_id in a previous result, or leave blank to show the first page of results.

5.10.11.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you

	will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.11.4 Returned Values

The XML response is contained within a `<company_appointments_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
appt_list	A list of director records; this list represents the officers appointed to this company.

5.10.11.5 Example XML Response

```
<?xml version="1.0"?>
<company_appointments_res>
  <mode>test</mode>
  <t2a_version_number>1.1.0.4</t2a_version_number>
  <status>ok</status>
  <appt_list>
    <director>
      <line_1>14 Imagine Lane, Heslingdown</line_1>
      <line_2 />
      <line_3 />
      <place>York</place>
      <town />
      <postcode>YO10 5DG</postcode>
      <addr_single_line>14 Imagine Lane, Heslingdown, York, YO10
5DG</addr_single_line>
      <title>Mr</title>
      <forename>Alan</forename>
      <surname>Fiction</surname>
      <honours>BA</honours>
      <name_single_line>Mr Alan Fiction</name_single_line>
      <director_id>00000000000</director_id>
      <nationality>british</nationality>
      <dob>1956-04-01</dob>
      <country_state_of_residence />
      <corporate_indicator />
    </director>
  </appt_list>
</company_appointments_res>
```

5.10.12 Method 'company_document_info'

5.10.12.1 Description

This Service allows you to request information on the availability of a document to order by invoking the Document Info service. The image system provides mass storage for images of documents in multi page TIFF format.

This method returns a request key which is then submitted to the [company_document](#) method.

Please note that no data and document options are available for company numbers with the following prefixes:-

- IC
- IP
- LP
- NP
- NR
- RC
- SI
- SL
- SP
- SR

5.10.12.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript_key method.
company_number	The Companies House company number
image_key	The image key as returned by the filing history

5.10.12.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is

	XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.12.4 Returned Values

The XML response is contained within a `<company_document_info_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
document	A company document instance

5.10.12.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.12.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as `test` when the method is operating in the [free test mode](#).

5.10.12.7 Example XML Response

```
<?xml version="1.0"?>
<company_document_info_res>
  <mode>normal</mode>
  <t2a_version_number>1.0.8.0</t2a_version_number>
  <status>ok</status>
  <document>
    <company_number>03684982</company_number>
    <form_type>AA</form_type>
    <num_pages>4</num_pages>
    <made_up_date>2010-12-31</made_up_date>
    <media>CACHE</media>
    <doc_request_key>zXxsW-
2RPaiS8RhKcDWXdXiJ_cmxEOZgEqIXisx2lfzKSd3ctekQZZKhivLBaQTIdRf5KFJt4g-
EGm92AhsI5DzqPo3jutX5iZl88fUChJBkzm4NtLXb8H7pbYFdo4yeF-
_qKDnlCAGBk4PrUw9mm2c_z</doc_request_key>
  </document>
</company_document_info_res>
```


5.10.13 Method 'company_document'

5.10.13.1 Description

This Service delivers the **actual** document to the user by invoking the Document service. The document is supplied as a portable document format (PDF) document.

It uses a request key generated by the [company document information](#) method.

5.10.13.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
request_key	The key as returned by the company document info method.

5.10.13.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.13.4 Returned Values

The XML response is contained within a `<company_document_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.

t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
document	A company document instance

5.10.13.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.13.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.13.7 Example XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<company_document_res>
  <mode>normal</mode>
  <t2a_version_number>1.1.0.1</t2a_version_number>
  <status>ok</status>
  <document>
    <web_address>https://t2a.co/rest?pdf=qdohLhdshAA0001039139S9AJ
    </web_address>
    <company_number>03684982</company_number>
    <form_type>AA</form_type>
    <num_pages>4</num_pages>
    <made_up_date/>
    <media/>
    <doc_request_key/>
    <media_link/>
  </document>
</company_document_res>
```

5.10.14 Method 'country_dial'

5.10.14.1 Description

Returns international dialling codes for a given country, and vice versa.

5.10.14.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
text	Enter a country name or dialling code.

5.10.14.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.14.4 Returned Values

The XML response is contained within an `<country_dial_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the error code for error details. See below for error code explanations.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.

mode	Returns normal or test when executed in the free test mode .
country_dial_list	An array of country dial records.

5.10.14.5 Response Structure <country_dial>

This structure is only used by this method.

Element	Description
code	The international dialling code
name	The country name

5.10.14.6 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.14.7 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.14.8 Example XML Response

This is an actual response for the text value `united:-`

```
<?xml version="1.0"?>
<country_dial_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <country_dial>
    <name>United Arab Emirates</name>
    <code>971</code>
  </country_dial>
  <country_dial>
    <name>United Kingdom</name>
    <code>44</code>
  </country_dial>
  <country_dial>
    <name>United States of America</name>
    <code>1</code>
  </country_dial>
</country_dial_list>
</country_dial_res>
```

5.10.14.9 Example JSON Response

This is an actual response for the text value `united:-`

```
{
  "country_dial_list": [
    { "name": "United Arab Emirates", "code": "971" },
    { "name": "United Kingdom", "code": "44" },
    { "name": "United States of America", "code": "1" }
  ],
  "t2a_version_number": "1.0.0.8",
  "status": "ok",
  "credit_used": "1"
}
```

5.10.15 Method 'ctps'

5.10.15.1 Description

Checks a telephone number against the Corporate Telephone Preference Service (CTPS) list.

5.10.15.2 Mandatory Parameters

Nam1e	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.

telephone_number	Enter a UK telephone number. This can include spaces, brackets etc.
-------------------------	---

5.10.15.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
+output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.15.4 Returned Values

The XML response is contained within a `<ctps_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the error code for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
ctps_status	'call' if the number is NOT in the CTPS register; 'no_call' if the number IS in the CTPS register.

5.10.15.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.15.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.15.7 Example XML Response

```
<?xml version="1.0"?>
<ctps_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <ctps_status>call</ctps_status>
</ctps_res>
```

5.10.15.8 Example JSON Response

```
{"ctps_status":"no_call","t2a_version_number":"1.0.0.8","status":"ok"}
```


5.10.16 Method 'director_details'

5.10.16.1 Description

Return the details of a company director or other company officer, using the director ID returned by the [director_search](#) method.

5.10.16.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript_key method.
director_id	The ID for the director, as returned by director_search .

5.10.16.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.16.4 Returned Values

The XML response is contained within a `<director_details_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.

credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
director	A single director record, populated with the full information about the individual.

5.10.16.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.16.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

If the director_id is set to *CUR*, a current director example is returned; if the director_id is set to *DIS*, a disqualified director example is returned.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

5.10.17 Method 'director_search'

5.10.17.1 Description

Search for a UK company director or other company officer.

The data comes directly from Companies house, in pages of up to around 30 results. Each page includes links to navigate backwards or forwards to receive a new page.

As each page arrives, we cache it for 60 minutes on your behalf, to ease navigation.

If you specify a place name, records which appear to be in the area indicated are returned first, followed by name matches in other areas, and then approximate name matches.

5.10.17.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
name	The full name e.g. Mr Ted Foster. Use this ONLY if not using <i>forename</i> or <i>surname</i> .
forename	The person's forename or initial. Use this ONLY if not supplying the full name.
surname	The person's surname. Use this ONLY if not supplying the full name.

5.10.17.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
place	Enter a UK place, postcode, or postcode area. Do not specify this to do a national UK search.
page_id	Use a <code>previous_page_id</code> or <code>next_page_id</code> in a previous result, or leave blank to show the first page of results. When using a <code>page_id</code> , 30 results are returned per page.

5.10.17.4 Returned Values

The XML response is contained within a `<director_search_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
previous_page_id	A link to the previous page of results (if present). Note that the ID consists only of alphanumeric characters plus the <code>_</code> and <code>-</code> characters.

next_page_id	<p>A link to the next page of results (if present).</p> <p>Note that the ID consists only of alphanumeric characters plus the _ and - characters.</p>
director_list	<p>An array of director records.</p> <p>Only one of the lists is present :-</p> <ul style="list-style-type: none"> • If a <code>place_list</code> is returned, the place name is ambiguous, and the final user should be given a selection from the list. • If a <code>director_list</code> is returned, the search has returned a list of directors (or other company officers).
place_list	<p>An array of place records. This is present if the place name is ambiguous.</p> <p>No charge is made when a <code>place_list</code> is returned.</p>

5.10.17.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.17.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

The free test mode for this method operates in the following manner:-

- If the `place` parameter is set to **leeds**, a `place_list` is returned.
- If the `surname` is set (to anything) a dummy `director_list` is returned.

Example XML Response

```
<?xml version="1.0"?>
<director_search_res>
  <mode>test</mode>
  <t2a_version_number>1.0.3.0</t2a_version_number>
  <status>ok</status>
  <credit_used>0</credit_used>
  <director_list>
    <director>
      <postcode>YO10</postcode>
      <title>Mr</title>
      <forename>Alan</forename>
      <surname>Fiction</surname>
      <name_single_line>Mr Alan Fiction</name_single_line>
      <director_id>123456789_A0109131838713717231Abcgqhaywh</director_id>
    </director>
    <director>
      <postcode>YO10</postcode>
      <title>Mrs</title>
      <forename>Anne</forename>
      <surname>Fiction</surname>
      <name_single_line>Mrs Anne Fiction</name_single_line>
      <director id>123456789 A0109131838713717231Abcgqhaywah</director id>
    </director>
  </director_list>
</director_search_res>
```

5.10.17.7 Example JSON Response

The JSON response has here been indented and displayed on multiple lines for readability.

```
{ "director_list": [
  {
    "director_id": "123456789_A0109131838713717231Abcgqhaywah",
    "title": "Mr",
    "forename": "Alan",
    "surname": "Fiction",
    "name_single_line": "Mr Alan Fiction",
    "postcode": "YO10"
  },
  {
    "director_id": "123456789_A0109131838713717231Abcgqhaywh",
    "title": "Mrs",
    "forename": "Anne",
    "surname": "Fiction",
    "name_single_line": "Mrs Anne Fiction",
    "postcode": "YO10"
  }
],
"mode": "test",
"t2a_version_number": "1.0.3.0",
"status": "ok",
"credit_used": "0"
}
```

5.10.18 Method ‘deceased’

5.10.18.1 Description

Check one of your existing person data records against our deceased persons data list.

Please note that if you intend to screen 100 or more people, you should use our `deceased_bulk` method, which is more cost-effective and efficient.

5.10.18.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
postcode	The UK postal code
surname	The person’s surname

5.10.18.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
forename	The person’s first name.
street	The street name.
premises	The house number or name.

5.10.18.4 Returned Values

The XML response is contained within a `<deceased_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes. If the person is not found in our deceased register, the error code will be <i>no_record</i> . If the person is found in our deceased register, the status will be <i>OK</i> and there will be no error code.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
date_of_death	The actual date of death, where known, in the format YYYY-MM-DD
date_of_death_estimated	The actual date of death where only estimated, in the format YYYY-MM-DD

5.10.18.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.18.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.18.7 Example XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<deceased_res>
  <mode>test</mode>
  <t2a_version_number>1.1.1.2</t2a_version_number>
  <status>ok</status>
  <date_of_death>1942-02-34</date_of_death>
  <date_of_death_estimated/>
</deceased_res>
```

5.10.18.8 Example JSON Response

```
{
  "date_of_death": "1942-02-34",
  "date_of_death_estimated": "",
  "mode": "test",
  "t2a_version_number": "1.1.1.2",
  "status": "ok"
}
```

5.10.19 Method 'deceased_bulk'

5.10.19.1 Description

This method allows for the checking of multiple items against our deceased register.

The data must be uploaded to T2A as a csv, containing at least these columns:-

- surname
- forename
- postcode
- address line 1

T2A will append two further columns to the CSV:-

- deceased status (y for deceased, n for not)
- date of death where available, as YYYY-MM-DD

5.10.19.2 Usage

This is an asynchronous method, requiring several stages in the operation.

1. Create a job. This is a unique transaction item that will be used to upload, process and finally download your data.
Create the job using the [job create](#) method. Please note that this is a free method.
2. Upload your csv data using the [upload command](#). There is a small charge for each uploaded row – see <http://t2a.co/pricing> for details.
3. Instruct T2A to determine how many of the records in the csv are deceased, by using the [count command](#).

This is a free method; the result will allow you to decide whether or not to buy the full results, which show **which** of the records are deceased.

This is the asynchronous part of the process – T2A will process this in the background. For this reason, the [count command](#) will return immediately, but the counting is happening in the background.

4. Invoke the [job progress](#) method to monitor the progress of T2A in processing your job. You may wish to display this as a progress bar or similar to your final users. The invocation of this method is normally from JavaScript.
When the percentage figure has reached 100, the processing is complete, and you may proceed to the next stage.

5. Invoke the [totals command](#) to discover how many of the persons in your csv are in our deceased register.
6. If you wish to purchase the full result (i.e. the original csv appended with deceased status and date of death), invoke the [commit command](#) which will prepare the data, deduct the necessary credits, and supply a download URL which can be used to obtain the purchased csv.

5.10.19.3 Commands

5.10.19.3.1 Introduction

The individual operations of this method are selected using the mandatory **command** parameter.

5.10.19.3.2 Command 'upload'

Upload your csv data to T2A.

5.10.19.3.2.1 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
command	Must be set to <i>upload</i>
job_id	The ID of the job, as created by job create .
csv_data	The csv data. If you are using the REST API, you will need to invoke this method as a POST.
is_first_line_headers	Set to <i>Y</i> if the first line of the CSV is the column headers.
surname_column	The column containing the surname, as a zero-based integer.
forename_column	The column containing the forename, as a zero-based integer.
address1_column	The column containing the first line of the address, as a zero-based integer.

postcode_column	The column containing the postcode, as a zero-based integer.
------------------------	--

5.10.19.3.2.2 Returned Values

The XML response is contained within a `<deceased_bulk_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes. If the person is not found in our deceased register, the error code will be <i>no_record</i> . If the person is found in our deceased register, the status will be <i>OK</i> and there will be no error code.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.

5.10.19.3.3 Command 'count'

Starts the background processing whereby T2A will count the number of deceased persons in your data.

5.10.19.3.3.1 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
command	Must be set to <i>count</i>
job_id	The ID of the job, as created by job create .

5.10.19.3.3.2 Returned Values

The XML response is contained within a `<deceased_bulk_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> .
t2a_version_number	The current API version number.

5.10.19.3.4 Command 'totals'

5.10.19.3.4.1 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
command	Must be set to <i>totals</i>
job_id	The ID of the job, as created by job create .

5.10.19.3.4.2 Returned Values

The XML response is contained within a `<deceased_bulk_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code>
t2a_version_number	The current API version number.
total_deceased	The number of persons that are deceased in your csv data.

5.10.19.3.5 Command 'commit'

Use this command to commit to purchase the full results, for which T2A appends a deceased status and date of death (where known) to each row.

5.10.19.3.5.1 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
command	Must be set to <code>upload</code>
job_id	The ID of the job, as created by job create .

5.10.19.3.5.2 Returned Values

The XML response is contained within a `<deceased_bulk_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes. If the person is not found in our deceased register, the error code will be <i>no_record</i> . If the person is found in our deceased register, the status will be <i>OK</i> and there will be no error code.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
download_url	The full URL from which the processed CSV may now be downloaded.

5.10.20 Method 'electoral_roll'

5.10.20.1 Description

Searches the UK edited electoral roll.

5.10.20.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.

5.10.20.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
records_per_page	Specify number of records to return on the current page. We offer page caching for this method – once your search is invoked, we store the pages on our server for 60 minutes; a subsequent request for a page of results from that search is displayed from the cache, at no charge to you. See result page caching .
page_num	0 based integer – current page number to return.
surname	The person's surname. Do not specify this if you wish to do an address-only search
forename	The person's forename or initial.
middle_initial	The person's second initial.
place	Enter a UK place, postcode, or postcode area. Do not specify this to do a national UK search.

street	The street name.
premises	The house number or name.
year	Enter one or more year 2007-2011. For example, enter "2007,2009" to only return records which are present in the data for those years. Do not specify, to return all years.

5.10.20.4 Returned Values

The XML response is contained within a `<electoral_roll_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
person_list	An array of person records. Only one of the lists is present :- <ul style="list-style-type: none"> • If a <code>place_list</code> is returned, the place name is ambiguous, and the final user should be given a selection from the list. • If a <code>street_list</code> is returned, the street specified is ambiguous, and the final user should be given a selection from the list. • If a <code>person_list</code> is returned, the search has returned a list of people.
place_list	An array of place records. This is present if the place name is ambiguous. No charge is made when a <code>place_list</code>

	is returned.
street_list	An array of street records. This is present if the street name is ambiguous. No charge is made when a street_list is returned.
premises_list	<p>This is seen if the premises parameter is ambiguous or not specified; it is a free list of addresses at which there is data about the resident(s), and can be used to allow the end user to select the household to be viewed.</p> <p>Use the name value from the selected premises to replace the premises input parameter value when re-invoking this method.</p> <p>No charge is made when a premises_list is returned</p>
total_records	<p>The total number of records, irrespective of the number displayed on any page.</p> <p>This is only used when a person_list is present.</p>
page_number	<p>Current page being displayed, a zero-based integer.</p> <p>This is only used when a person_list is present.</p>

5.10.20.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.20.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

The free test mode for this method operates in the following manner:-

- c. If the `place` parameter is set to **leeds**, a `place_list` is returned.
- d. If the `surname` and `place` are both empty, a dummy `street_list` is returned.
- e. If the `surname` is set (to anything) a dummy `person_list` is returned.

5.10.20.7 Example XML Response

```
<?xml version="1.0"?>
<electoral_roll_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
  <person_list>
    <person>
      <title>Mr</title>
      <forename>Alan</forename>
      <middle_initial/>
      <surname>Fiction</surname>
      <line_1>4 Imagination Gardens</line_1>
      <line_2>Magic Street</line_2>
      <line_3/>
      <place>Heslingdown</place>
      <town>York</town>
      <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
      <postcode>YO10 5DG</postcode>
      <telephone_number>(01904) 000000</telephone_number>
      <years_list>
        <string>2008</string>
        <string>2009</string>
        <string>2010</string>
        <string>2011</string>
      </years_list>
    </person>
    <person>
      <title>Mrs</title>
      <forename>Jean</forename>
      <middle_initial/>Z<middle_initial>
      <surname>Fiction</surname>
      <line_1>4 Imagination Gardens</line_1>
      <line_2>Magic Street</line_2>
      <line_3/>
      <place>Heslingdown</place>
      <town>York</town>
      <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
      <postcode>YO10 5DG</postcode>
      <years_list>
        <string>2008</string>
        <string>2009</string>
        <string>2010</string>
        <string>2011</string>
      </years_list>
      <telephone_number>(01904) 000000</telephone_number>
    </person>
  </person_list>
</electoral_roll_res>
```

5.10.20.8 Example JSON Response

The JSON response has here been indented and displayed on multiple lines for readability.

```
{ "person_list": [
  {
    "title": "Mr",
    "forename": "Alan",
    "middle_initial": "",
    "surname": "Fiction",
    "years_list": ["2008", "2009", "2010", "2011"],
    "telephone_number": "(01904) 000000",
    "line_1": "4 Imagination Gardens",
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG"
  },
  {
    "title": "Mrs",
    "forename": "Jean",
    "middle_initial": "Z",
    "surname": "Fiction",
    "years_list": ["2008", "2009", "2010", "2011"],
    "telephone_number": "(01904) 000000",
    "line_1": "4 Imagination Gardens",
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG "
  }
],
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```

5.10.21 Method 'find_my_nearest'

5.10.21.1 Description

Returns the nearest item from a data set to a given position.

5.10.21.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
group_name	The name of the data set in which to search for the

	nearest record.
--	-----------------

5.10.21.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
postcode	Full UK postcode. Set this, or set latitude and longitude.
latitude longitude	Use these as an alternative to the postcode.
max_range_metres	Specify maximum range in metres.
max_results	Specify maximum number of results.

5.10.21.4 Returned Values

The XML response is contained within a `<find_my_nearest_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
nearest_data_list	List of nearest data records. These are ordered with the closest records first.

5.10.21.5 Response Structure <nearest_data>

This structure is only used by this method.

Element	Description
name	The nearest data item name.
telephone_number	Telephone number
line_1	Address line 1
line_2	Address line 2
line_3	Address line 3
place	The place. If the address is in a named area within a large town, this will be that area, otherwise it will be the town. <code>place</code> is never empty if town is set.
town	The town; only used if the address is in a named area within that town.

postcode	The UK postal code, formatted to include the space.
misc1	Miscellaneous data item 1
misc2	Miscellaneous data item 2
misc3	Miscellaneous data item 3
misc4	Miscellaneous data item 4
range_metres	Range in metres from the position specified.
geo_data	A geo_data record giving position information.

5.10.21.6 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.21.7 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

5.10.21.8 Example XML Response

```
<?xml version="1.0"?>
<find_my_nearest_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
  <nearest_data_list>
    <nearest_data>
      <line_1/>
      <line_2/>
      <line_3/>
      <place>Upper Poppleton</place>
      <town>York</town>
      <postcode>YO26 6QA</postcode>
      <name>Poppleton</name>
      <telephone_number/>
      <geo_data>
        <north>453537</north>
        <east>455930</east>
        <country_code>GB</country_code>
        <latitude>53.9748818772431</latitude>
        <longitude>1.14876978344349</longitude>
      </geo_data>
      <misc1/>
      <misc2/>
      <misc3/>
    </nearest_data>
  </nearest_data_list>
</find_my_nearest_res>
```

```

        <misc4/>
        <range_metres>11686</range_metres>
    </nearest_data>
</nearest_data_list>
</find_my_nearest_res>

```

5.10.22 Method 'geo_code'

5.10.22.1 Description

Returns latitude, longitude, northing and easting of a UK postcode, address, place or street.

5.10.22.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript_key method.
text	Enter a UK place name, address, street name or postcode.

5.10.22.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.22.4 Returned Values

The XML response is contained within a `<geo_code_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.

error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
geo_data_list	List of geo data records.

5.10.22.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.22.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as `test` when the method is operating in the [free test mode](#)

5.10.22.7 Example XML Response

```
<?xml version="1.0"?>
<geo_code_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <geo_data_list>
    <geo_data>
      <north>450919</north>
      <east>462573</east>
      <country_code>GB</country_code>
      <latitude>53.950596</latitude>
      <longitude>-1.04804</longitude>
      <description>YO10 5NP</description>
    </geo_data>
  </geo_data_list>
</geo_code_res>
```

5.10.22.8 Example JSON Response

```
{
  "geo_data_list": [
    {
      "north": "450919",
      "east": "462573",
      "country_code": "GB",
      "latitude": "53.950596",
      "longitude": "-1.04804",
      "description": "YO10 5NP"
    }
  ],
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```


5.10.23 Method 'geo_code_telephone'

5.10.23.1 Description

Returns approximate position of a UK telephone number. This service must be approved by the mobile operators; we will process the application on your behalf.

5.10.23.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
telephone_number	Enter a UK telephone number. Please note that mobile location is only available after your service has been approved by the mobile operators.

5.10.23.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.23.4 Returned Values

The XML response is contained within a `<geo_code_telephone_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.

t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
geo_data	A geo_data record. Note that the postcode is a sample postcode in the vicinity of the telephone number's location.

5.10.23.5 Error Codes

Name	Description
method_not_authorized_for_mobile	Your service has not yet been approved by our supplier (on behalf of the mobile phone companies). We are therefore unable to report the position of a mobile telephone.
customer_private	The mobile phone has been set to not report its location to services such as ours.

See also the [common error codes](#).

5.10.23.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#)

5.10.23.7 Example XML Response

```
<?xml version="1.0"?>
<geo_code_telephone_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
  <geo_data>
    <north>451500</north>
    <east>463500</east>
    <latitude>53.9557039148469</latitude>
    <longitude>-1.03379659189474</longitude>
    <postcode>YO10 5HS</postcode>
  </geo_data>
</geo_code_telephone_res>
```

```
</geo_code_telephone_res>
```

5.10.24 Method 'ip_country'

5.10.24.1 Description

Returns country code of an IP address or DNS entry.

5.10.24.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
ip_address	Enter an IPV4 address in text form (e.g. 188.65.97.52) or the DNS name (e.g. simunix.com)

5.10.24.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.24.4 Returned Values

The XML response is contained within a `<ip_country_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.

credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
ip_address	The IP address submitted, in text form. If the submitted value was a DNS entry, this is the IP address of that entry.
hostname	DNS entry value.
country_code	ISO 3166-1 two character country code.
country_name	The country name.

5.10.24.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.24.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#)

5.10.24.7 Example XML Response

```
<?xml version="1.0"?>
<ip_country_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <ip_address>213.171.218.127</ip_address>
  <hostname>simunix.com</hostname>
  <country_code>GB</country_code>
  <country_name>United Kingdom</country_name>
</ip_country_res>
```

5.10.24.8 Example JSON Response

```
{
  "ip_address": "213.171.218.127",
  "hostname": "simunix.com",
  "country_code": "GB",
  "country_name": "United Kingdom",
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```

5.10.25 Method 'ip_location'

5.10.25.1 Description

Returns country and approximate city location of an IP address.

5.10.25.2 5.11.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
ip_address	Enter an IPV4 address in text form (e.g. 188.65.97.52) or the DNS name (e.g. simunix.com)

5.10.25.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.25.4 Returned Values

The XML response is contained within a `<ip_location_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.

credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
ip_address	The IP address submitted, in text form. If the submitted value was a DNS entry, this is the IP address of that entry.
hostname	DNS entry value.
geo_data	A geo_data record giving the positional information. Note that city is set in geo_data, where possible

5.10.25.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.25.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#)

5.10.25.7 Example XML Response

```
<?xml version="1.0"?>
<ip_location_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <ip_address>213.171.218.127</ip_address>
  <hostname>simunix.com</hostname>
  <geo_data>
    <north>214994</north>
    <east>382869</east>
    <country_code>GB</country_code>
    <country_name>United Kingdom</country_name>
    <latitude>51.8333</latitude>
    <longitude>-2.25</longitude>
    <city>Gloucester</city>
  </geo_data>
</ip_location_res>
```

5.10.26 Method 'javascript_key'

5.10.26.1 Description

Returns a secure key which can be used in your web pages to provide client-side access to T2A methods using JavaScript (and usually JSON).

5.10.26.2 Mandatory Parameters

Name	Description
api_key	Use your API key . Note that this method may only be invoked via server-side XML or SOAP.
domain	Enter your domain (the request host parameter) on which the temporary Javascript key will be used.
lifetime_minutes	The lifetime of the key; the maximum is 60 minutes.

5.10.26.3 Optional Parameters

Name	Description
ip_address	The remote IP address of the final user; if specified, the Javascript key will only function for this IP address

5.10.26.4 Returned Values

The XML response is contained within a `<javascript_key_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
javascript_key	The key which can now be used with client-side Javascript, to connect to our servers. Note that this key is alphanumeric, plus the <code>_</code> and <code>-</code> characters.

5.10.26.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.26.6 Free Test Mode

This method may not be used in the [free test mode](#). A genuine [API key](#) must be used.

5.10.26.7 Example XML Response

```
<?xml version="1.0"?>
<javascript_key_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <javascript_key>dS4g8CEZo_fpOGHGx7R_OUFksg5FBnuFXpgpFWhoatCF5kKk0ydZHSS3
DtrP6iPtQMT0who7GgoQ362RQVxERtT</javascript_key>
</javascript_key_res>
```

5.10.27 Method 'job_create'

5.10.27.1 Description

Create a job to be used with an asynchronous T2A method.

This is a free method.

5.10.27.2 Mandatory Parameters

Name	Description
api_key	Use your API key . Note that this method may only be invoked via server-side XML or SOAP.

5.10.27.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.

5.10.27.4 Returned Values

The XML response is contained within a `<job_creat_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
job_id	The unique ID used to identify your job. Note that this key is alphanumeric, plus the <code>_</code> and <code>-</code> characters.

5.10.27.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.27.6 Example XML Response

```
<?xml version="1.0"?>
<job_create_res>
  <mode>normal</mode>
  <status>ok</status>
  <t2a_version_number>1.3.9.3</t2a_version_number>
  <job_id>lZGW0z6YBwbdeFcsI0fyzfIRL3egaNI5FWUaYdxHIBt-</job_id>
</job_create_res>
```

5.10.28 Method 'job_progress'

5.10.28.1 Description

Read the percentage progress on an asynchronous job.

This is a free method.

5.10.28.2 Mandatory Parameters

Name	Description
<code>job_id</code>	The ID of the job, as created by job create .

5.10.28.3 Returned Values

The XML response is contained within a `<job_progress_res>` element.

Name	Description
<code>status</code>	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
<code>error_code</code>	Returns the error code when the status is <code>error</code> . See below for error codes.
<code>t2a_version_number</code>	The current API version number.
<code>percentage</code>	The progress as an integer percentage. The job, or current stage of the job, is completed when the percentage is 100.

5.10.28.4 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.28.5 Example XML Response

```
<?xml version="1.0"?>
<job_progress_res>
  <mode>normal</mode>
  <status>ok</status>
  <t2a_version_number>1.3.9.3</t2a_version_number>
  <percentage>17</percentage>
</job_progress_res>
```


5.10.29 Method 'paf'

5.10.29.1 Description

Searches the UK postcodes data (PAF).

5.10.29.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.

5.10.29.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
postcode	Enter a UK postcode; you may also enter a house number as the address parameter.
address	If used with a postcode, this is an optional house number; if use alone, this is the address to be searched for.
records_per_page	Specify number of records to return on the current page. We offer page caching for this method – once your search is invoked, we store the pages on our server for 60 minutes; a subsequent request for a page of results from that search is displayed from the cache, at no charge to you. See result page caching .
page_num	0 based integer – current page number to return.

5.10.29.4 Returned Values

The XML response is contained within a `<paf_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
address_list	An array of address records.
total_records	The total number of records, irrespective of the number displayed on any page. This is only used when an address_list is present.
page_number	Current page being displayed, a zero-based integer. This is only used when an address_list is present.

5.10.29.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.29.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#)

5.10.29.7 Example XML Response

```
<?xml version="1.0" encoding="utf-8" ?>
<paf_res>
  <t2a_version_number>1.0.2.3</t2a_version_number>
  <status>ok</status>
  <total_records>1</total_records>
  <page_number>0</page_number>
  <address_list>
    <address>
      <line_1>4 Imagination Gardens</line_1>
      <line_2>Magic Street</line_2>
      <line_3/>
      <place>Heslingdown</place>
      <town>York</town>
      <postcode>YO10 5DG</postcode>
      <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
    </address>
  </address_list>
</paf_res>
```

5.10.29.8 Example JSON Response

The JSON response has here been indented and displayed on multiple lines for readability.

```
{ "address_list": [
  {
    "line_1": "4 Imagination Gardens",
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG"
  }
],
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```

5.10.30 Method 'people_search'

5.10.30.1 Description

Searches for UK people, searching the electoral roll and telephone data and combining the results into one list.

5.10.30.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.

5.10.30.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
records_per_page	Specify number of records to return on the current page. We offer page caching for this method – once your search is invoked, we store the pages on our server for 60 minutes; a subsequent request for a page of results from that search is displayed from the cache, at no charge to you. See result page caching .
page_num	0 based integer – current page number to return.
name	<p>The person's name, for example:-</p> <p><i>Mr John D Fawcett</i> <i>J Fawcett</i> <i>Fawcett</i> <i>Fawcett, John</i></p> <p>Do not specify this if you wish to do an address-only search.</p>

	T2A will parse the name into the relevant components.
place	Enter a UK place, postcode, or postcode area. Do not specify this to do a national UK search.
street	The street name.
premises	The house number or name.
year	<p>Enter one or more year 2007-2011. For example, enter "2007,2009" to only return records which are present in the data for those years. Do not specify, to return all years.</p> <p>This parameter is only applicable to electoral roll data; any results that are purely from the telephone data are not filtered by this parameter.</p>
sex	<p>Set to 'm' or 'f' to specify the gender to be returned, where that gender is known.</p> <p>This parameter is only applicable to electoral roll data; any results that are purely from the telephone data are not filtered by this parameter.</p>

5.10.30.4 Returned Values

The XML response is contained within a `<people_search_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .

person_list	<p>An array of person records.</p> <p>Only one of the lists is present :-</p> <ul style="list-style-type: none"> • If a <code>place_list</code> is returned, the place name is ambiguous, and the final user should be given a selection from the list. • If a <code>street_list</code> is returned, the street specified is ambiguous, and the final user should be given a selection from the list. • If a <code>person_list</code> is returned, the search has returned a list of people.
place_list	<p>An array of place records. This is present if the place name is ambiguous. No charge is made when a <code>place_list</code> is returned.</p>
street_list	<p>An array of street records. This is present if the street name is ambiguous. No charge is made when a <code>street_list</code> is returned.</p>
premises_list	<p>This is seen if the premises parameter is ambiguous or not specified; it is a free list of addresses at which there is data about the resident(s), and can be used to allow the end user to select the household to be viewed.</p> <p>Use the name value from the selected premises to replace the premises input parameter value when re-invoking this method.</p> <p>No charge is made when a <code>premises_list</code> is returned</p>
total_records	<p>The total number of records, irrespective of the number displayed on any page.</p> <p>This is only used when a <code>person_list</code> is present.</p>
page_number	<p>Current page being displayed, a zero-based integer.</p> <p>This is only used when a <code>person_list</code> is present.</p>
er_searched	<p>Set to <i>true</i> if the electoral roll data was searched.</p>
telephone_data_searched	<p>Set to <i>true</i> if the telephone data was searched. Note</p>

	<p>that licensing restrictions prevent telephone data being searched if:-</p> <ul style="list-style-type: none"> • No surname is supplied • No place is supplied • The surname is less than 3 characters long.
--	---

5.10.30.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.30.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

The free test mode for this method operates in the following manner:-

- f. If the `place` parameter is set to **leeds**, a `place_list` is returned.
- g. If the `surname` and `place` are both empty, a dummy `street_list` is returned.
- h. If the `surname` is set (to anything) a dummy `person_list` is returned.

5.10.30.7 Example XML Response

```
<?xml version="1.0" encoding="UTF-8"?>
<people_search_res>
  <mode>test</mode>
  <t2a_version_number>1.1.5.8</t2a_version_number>
  <status>ok</status>
  <credit_used>0</credit_used>
  <person_list>
    <person>
      <line_1>17</line_1>
      <line_2>Imagination Gardens</line_2>
      <line_3>Virtual Road</line_3>
      <place>Heslington</place>
      <town>York</town>
      <postcode>YO91 3X0</postcode>
      <addr_single_line>17 Imagination Gardens, Virtual Road, Heslington,
York, YO91 3X0</addr_single_line>
      <title>Mr</title>
      <forename>Alan</forename>
      <surname>Fiction</surname>
      <name_single_line>Mr Alan Fiction</name_single_line>
      <telephone_number>(01904) 000000</telephone_number>
      <years_list>
        <string>2009</string>
        <string>2010</string>
        <string>2011</string>
      </years_list>
    </person>
    <person>
      <line_1>17</line_1>
      <line_2>Imagination Gardens</line_2>
      <line_3>Virtual Road</line_3>
      <place>Heslington</place>
      <town>York</town>
      <postcode>YO91 3X0</postcode>
      <addr_single_line>17 Imagination Gardens, Virtual Road, Heslington,
York, YO91 3X0</addr_single_line>
      <title>Mrs</title>
      <forename>Anne</forename>
      <middle_initial>J</middle_initial>
      <name_single_line>Mrs Anne J</name_single_line>
      <telephone_number>(01904) 000000</telephone_number>
      <years_list>
        <string>2009</string>
        <string>2010</string>
        <string>2011</string>
      </years_list>
    </person>
  </person_list>
  <er_searched>true</er_searched>
  <telephone_data_searched>true</telephone_data_searched>
</people_search_res>
```


5.10.31 Method 'place_name'

5.10.31.1 Description

Verifies a UK place name and returns a list of places if the name is ambiguous.

5.10.31.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
place_name	Enter a UK place name.

5.10.31.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.31.4 Returned Values

The XML response is contained within a `<place_name_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.

mode	Returns normal or test when executed in the free test mode .
place_list	An array of place records.

5.10.31.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.31.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#)

5.10.31.7 Example XML Response

```
<?xml version="1.0"?>
<place_name_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <place_list>
    <place>
      <name>Weymouth, Market Drayton, Shropshire</name>
    </place>
    <place>
      <name>Weymouth, Dorset</name>
    </place>
  </place_list>
</place_name_res>
```

5.10.32 Method 'reverse_geo_code'

5.10.32.1 Description

Converts a position (latitude, longitude) into the nearest UK postcode.

5.10.32.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
latitude longitude	WGS 84 (GPS) co-ordinates

5.10.32.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.32.4 Returned Values

The XML response is contained within a `<reverse_geo_code_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the

	request.
mode	Returns normal or test when executed in the free test mode .
address	An address record, the closest to the specified co-ordinates.

5.10.32.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.32.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#)

5.10.32.7 Example XML Response

```
<reverse_geo_code_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <address>
    <line_1>4 Imagination Gardens</line_1>
    <line_2>Magic Street</line_2>
    <line_3/>
    <place>Heslingdown</place>
    <town>York</town>
    <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
    <postcode>YO10 5DG</postcode>
  </address>
</reverse_geo_code_res>
```

5.10.32.8 Example JSON Response

```
{ "address":
  {
    "line_1": "4 Imagination Gardens",
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG"
  },
  "t2a_version_number": "1.0.0.8",
  "status": "ok"
}
```

5.10.33 Method 'send_text_message'

5.10.33.1 Description

Sends a text message (SMS) to a mobile telephone number. The message may be longer than the maximum SMS length of 160 characters; your account is charged for each block of up to 160 characters.

If a character outside of the range 0-127 is detected in the message text, the message is sent as Unicode.

The message is sent as quickly as possible; delivery is normally within a few seconds.

5.10.33.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
telephone_number	The mobile telephone number. If no country code is included, we assume this to be a UK mobile number. The method takes care of the formatting of the number.
from	A text description of the source of the message; this may be up to 11 characters.
message	The message text. If a character outside of the range 0-127 is present, the message is sent as Unicode.

5.10.33.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.33.4 Returned Values

The XML response is contained within a `<send_text_message_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .

5.10.33.5 Error Codes

Name	Description
invalid_from	The from parameter is limited to 11 characters.

See also the [common error codes](#).

5.10.33.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as `test` when the method is operating in the [free test mode](#)

5.10.35 Method 'telephone_business'

5.10.35.1 Description

Searches the UK business telephone data, by business name.

5.10.35.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
name	The business name

5.10.35.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
records_per_page	Specify number of records to return on the current page. We offer page caching for this method – once your search is invoked, we store the pages on our server for 60 minutes; a subsequent request for a page of results from that search is displayed from the cache, at no charge to you. See result page caching .
page_num	0 based integer – current page number to return.
place	A UK place name, postcode or postcode area. If this is not supplied, a UK national search is executed.
street	The street name.
premises	The house number or name.

5.10.35.4 Returned Values

The XML response is contained within a `<telephone_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .
business_list	An array of business records. Only one of the lists is present :- <ul style="list-style-type: none">• If a <code>place_list</code> is returned, the place name is ambiguous, and the final user should be given a selection from the list.• If a <code>business_list</code> is returned, the search has returned a list of businesses.
place_list	An array of place records. This is present if the place name is ambiguous.
total_records	The total number of records, irrespective of the number displayed on any page. This is only used when a business_list is present.
page_number	Current page being displayed, a zero-based integer. This is only used when a business_list is present.

5.10.35.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.35.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

The free test mode for this method operates in the following manner:-

- a. If the `place` parameter is set to **leeds**, a `place_list` is returned.
- b. If not, a dummy `business_list` is returned.

5.10.35.7 Example XML Response

```
<telephone_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
  <business_list>
    <business>
      <line_1>The I.T.Centre, Innovation Way, Heslingdown</line_1>
      <line_2/>
      <line_3/>
      <place>York</place>
      <town/>
      <postcode>YO10 5NP</postcode>
      <name>Simunix Ltd</name>
      <telephone_number>(01904) 567765</telephone_number>
    </business>
  </business_list>
</telephone_res>
```

5.10.36 Method 'telephone_residential'

5.10.36.1 Description

Searches the UK residential telephone data, using a name and partial address.

5.10.36.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
surname	The person's surname
place	A UK place name, postcode or postcode area.

5.10.36.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.
records_per_page	Specify number of records to return on the current page. We offer page caching for this method – once your search is invoked, we store the pages on our server for 60 minutes; a subsequent request for a page of results from that search is displayed from the cache, at no charge to you. See result page caching .
page_num	0 based integer – current page number to return.
forename	The person's forename or initial.
middle_initial	The person's second initial. We only use the initial for this search.

street	The street name.
premises	The house number or name.

5.10.36.4 Returned Values

The XML response is contained within a `<telephone_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
person_list	An array of person records. Only one of the lists is present :- <ul style="list-style-type: none"> • If a <code>place_list</code> is returned, the place name is ambiguous, and the final user should be given a selection from the list. • If a <code>person_list</code> is returned, the search has returned a list of people.
place_list	An array of place records. This is present if the place name is ambiguous.
total_records	The total number of records, irrespective of the number displayed on any page. This is only used when a person_list is present.
page_number	Current page being displayed, a zero-based integer. This is only used when a person_list is present.

5.10.36.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.36.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

The free test mode for this method operates in the following manner:-

- c. If the `place` parameter is set to **leeds**, a `place_list` is returned.
- d. If not, a dummy `person_list` is returned.

5.10.36.7 Example XML Response

```
<telephone_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <total_records>1</total_records>
  <page_number>0</page_number>
  <person_list>
    <person>
      <title>Mr</title>
      <forename>A</forename>
      <middle_initial/>
      <surname>Fiction</surname>
      <line_1>4 Imagination Gardens</line_1>
      <line_2>Magic Street</line_2>
      <line_3/>
      <place>Heslingdown</place>
      <town>York</town>
      <addr_single_line>4 Imagination Gardens, Magic Street, Heslingdown,
York, YO10 5DG</addr_single_line>
      <postcode>YO10 5DG</postcode>
      <telephone_number>(01904) 000000</telephone_number>
    </person>
  </person_list>
</telephone_res>
```

5.10.36.8 Example JSON Response

The JSON response has here been indented and displayed on multiple lines for readability.

```
{
  "person_list": [
    {
      "title": "Mr",
      "forename": "A",
      "middle_initial": "",
      "surname": "Fiction",
      "telephone_number": "(01904) 000000",
      "line_1": "4 Imagination Gardens",

```

```
    "line_2": "Magic Street",
    "line_3": "",
    "place": "Heslingdown",
    "town": "York",
    "postcode": "YO10 5DG"
  }
],
  "t2a_version_number": "1.0.0.8",
  "status": "ok",
  "total_records": "1",
}
```

5.10.36.9 Example PHP

The PHP code fragment illustrates the use of the T2A REST API with the PHP *simplexml_load_file* function.

```
<?php

// Build url for request to T2A API; use your own API key
//
$url = "http://t2a.co/rest?"
. "method=telephone_residential"
. "&api_key=sw9edtx-UZE7gMlt-5yotvjDzRItqiUw7adP5gmqlw_c"
. "&surname=" . urlencode($surname)
. "&forename=" . urlencode($forename)
. "&premises=" . urlencode($premises)
. "&street=" . urlencode($street)
. "&place=" . urlencode($place);

// Fetch XML from T2A API
$result = simplexml_load_file($url);

$ambiguous_place = false;

if($result)
{
    if($result->status == 'ok')
    {
        // Check result type
        if($result->place_list)
        {
            // Ambiguous place - need to refine
            // Iterate through place names

            foreach($result->place_list->place as $place)
            {
                // deal with each $place->name (offer user a choice of place
                // names)
            }
        }

        else if($result->person_list)
        {
            // Go ahead and show results

            foreach($result->person_list->place as $person)
            {
                // deal with $person->forename, surname, line_1 etc
            }
        }
        else
        {
            // Report error
            echo 'Error: ' . $result->error_code;
            exit;
        }
    }
}
?>
```

5.10.37 Method 'tps'

5.10.37.1 Description

Checks a telephone number against the Telephone Preference Service (TPS) list.

5.10.37.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
telephone_number	Enter a UK telephone number. This can include spaces, brackets etc.

5.10.37.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.37.4 Returned Values

The XML response is contained within a `<tps_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details.
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the

	request.
mode	Returns normal or test when executed in the free test mode .
tps_status	'call' if the number is NOT in the TPS register; 'no_call' if the number IS in the TPS register.

5.10.37.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.37.6 Example XML Response

```
<?xml version="1.0"?>
<tps_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <tps_status>call</tps_status>
</tps_res>
```

5.10.37.7 Example JSON Response

```
{"tps_status":"no_call","t2a_version_number":"1.0.0.8","status":"ok"}
```


5.10.38 Method 'validate_credit_card'

5.10.38.1 Description

Validates a credit card number; please note that **we do not store the number**.

5.10.38.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
card_number	Enter a credit card number. This can have spaces. Please note that we do not store this number .

5.10.38.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.38.4 Returned Values

The XML response is contained within a `<validate_credit_card_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details. If the card number is invalid, the error will be <code>invalid_card_number</code> .
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.

credit_used	The number of credits used in order to execute the request.
mode	Returns normal or test when executed in the free test mode .

5.10.38.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.38.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.38.7 Example XML Response

```
<?xml version="1.0"?>
<validate_credit_card_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
</validate_credit_card_res>
```

5.10.39 Method 'validate_email'

5.10.39.1 Description

Validates an email address.

5.10.39.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
email_address	Enter a complete email address

5.10.39.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.39.4 Returned Values

The XML response is contained within a `<validate_email_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details. If the card number is invalid, the error will be <code>invalid_card_number</code> .
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the

	request.
mode	Returns normal or test when executed in the free test mode .
mail_server	The name of the mail server, if the domain is correct.

5.10.39.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.39.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the mode is returned as **test** when the method is operating in the [free test mode](#).

5.10.39.7 Example XML Response

```
<?xml version="1.0"?>
<validate_email_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <mail_server>mailserver.simunix.com</mail_server>
  <status>ok</status>
</validate_email_res>
```

5.10.40 Method 'validate_telephone'

5.10.40.1 Description

Validates a UK telephone number, returning the provider; note that this service does **not** call or 'ping' the number.

5.10.40.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
telephone_number	Enter a UK telephone number; mobile numbers are permitted.

5.10.40.3 Optional Parameters

Name	Description
------	-------------

client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.40.4 Returned Values

The XML response is contained within a `<validate_telephone_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details. If the card number is invalid, the error will be <code>invalid_card_number</code> .
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the request.
mode	Returns <code>normal</code> or <code>test</code> when executed in the free test mode .
provider	The name of the telephony provider
telephone_number	The number, formatted.

5.10.40.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.40.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.40.7 Example XML Response

```
<?xml version="1.0"?>
<validate_telephone_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <provider>Affiniti Integrated Solutions Ltd</provider>
  <status>ok</status>
</validate_telephone_res>
```

5.10.41 Method 'validate_vat'

5.10.41.1 Description

Validate UK V.A.T. registration number.

5.10.41.2 Mandatory Parameters

Name	Description
api_key or javascript_key	Use your API key if invoking via server-side XML or SOAP. If using JSON, generate a JavaScript key using the javascript key method.
vat_number	Enter a UK V.A.T. number

5.10.41.3 Optional Parameters

Name	Description
client	You can optionally include an identifier for your final client or user. This is logged in your usage log and you will be able to view your usage statistics by client.
output	Set to <code>json</code> for a JSON response; the default response is XML. Not applicable to the SOAP API.
callback	When using JSON, specify a JSONP wrapper in which the JSON response is to be wrapped.

5.10.41.4 Returned Values

The XML response is contained within a `<validate_vat_res>` element.

Name	Description
status	Returns <code>ok</code> if the operation has succeeded, or <code>error</code> if an error has occurred; Returns the <code>error_code</code> for error details. If the vat number is invalid, the error will be <code>invalid_vat_number</code> .
error_code	Returns the error code when the status is <code>error</code> . See below for error codes.
t2a_version_number	The current API version number.
credit_used	The number of credits used in order to execute the

	request.
mode	Returns normal or test when executed in the free test mode .

5.10.41.5 Error Codes

See the [common error codes](#). There are no errors which are specific to this method.

5.10.41.6 Free Test Mode

When operating in the [free test mode](#) errors are returned if mandatory parameters are missing, or it returns a dummy data response, in an identical format to a real response.

Note that the `mode` is returned as **test** when the method is operating in the [free test mode](#).

5.10.41.7 Example XML Response

```
<?xml version="1.0"?>
<validate_vat_res>
  <t2a_version_number>1.0.0.8</t2a_version_number>
  <status>ok</status>
  <mode>normal</mode>
</validate_vat_res>
```


6 Appendices

6.1 ISO 3166-1 Country Codes

Code	Country Name
AF	Afghanistan
AL	Albania, People's Socialist Republic of
DZ	Algeria, People's Democratic Republic of
AS	American Samoa
AD	Andorra, Principality of
AO	Angola, Republic of
AI	Anguilla
AQ	Antarctica (South)
AG	Antigua and Barbuda
AR	Argentina, Argentine Republic
AM	Armenia
AW	Aruba
AU	Australia, Commonwealth of
AT	Austria, Republic of
AZ	Azerbaijan, Republic of
BS	Bahamas, Commonwealth of the
BH	Bahrain, Kingdom of
BD	Bangladesh, People's Republic of
BB	Barbados
BY	Belarus
BE	Belgium, Kingdom of
BZ	Belize
BJ	Benin (was Dahomey), People's Republic of
BM	Bermuda
BT	Bhutan, Kingdom of
BO	Bolivia, Republic of
BA	Bosnia and Herzegovina
BW	Botswana, Republic of
BV	Bouvet Island (Bouvetoya)
BR	Brazil, Federative Republic of
IO	British Indian Ocean Territory (Chagos Archipelago)
VG	British Virgin Islands
BN	Brunei Darussalam
BG	Bulgaria, People's Republic of
BF	Burkina Faso (was Upper Volta)
BI	Burundi, Republic of
KH	Cambodia, Kingdom of (was Khmer Republic/Kampuchea, Democratic)

CM	Cameroon, United Republic of
CA	Canada
CV	Cape Verde, Republic of
KY	Cayman Islands
CF	Central African Republic
TD	Chad, Republic of
CL	Chile, Republic of
CN	China, People's Republic of
CX	Christmas Island
CC	Cocos (Keeling) Islands
CO	Colombia, Republic of
KM	Comoros, Union of the
CD	Congo, Democratic Republic of (was Zaire)
CG	Congo, People's Republic of
CK	Cook Islands
CR	Costa Rica, Republic of
CI	Cote D'Ivoire (Republic of the Ivory Coast)
CU	Cuba, Republic of
CY	Cyprus, Republic of
CZ	Czech Republic
DK	Denmark, Kingdom of
DJ	Djibouti, Republic of (was French Afars and Issas)
DM	Dominica, Commonwealth of
DO	Dominican Republic
EC	Ecuador, Republic of
EG	Egypt, Arab Republic of
SV	El Salvador, Republic of
GQ	Equatorial Guinea, Republic of
ER	Eritrea
EE	Estonia
ET	Ethiopia
FO	Faeroe Islands
FK	Falkland Islands (Malvinas)
FJ	Fiji, Republic of the Fiji Islands
FI	Finland, Republic of
FR	France, French Republic
GF	French Guiana
PF	French Polynesia
TF	French Southern Territories
GA	Gabon, Gabonese Republic
GM	Gambia, Republic of the
GE	Georgia
DE	Germany

GH	Ghana, Republic of
GI	Gibraltar
GR	Greece, Hellenic Republic
GL	Greenland
GD	Grenada
GP	Guadaloupe
GU	Guam
GT	Guatemala, Republic of
GN	Guinea, Revolutionary People's Rep'c of
GW	Guinea-Bissau, Republic of (was Portuguese Guinea)
GY	Guyana, Republic of
HT	Haiti, Republic of
HM	Heard and McDonald Islands
VA	Holy See (Vatican City State)
HN	Honduras, Republic of
HK	Hong Kong, Special Administrative Region of China
HR	Hrvatska (Croatia)
HU	Hungary, Hungarian People's Republic
IS	Iceland, Republic of
IN	India, Republic of
ID	Indonesia, Republic of
IR	Iran, Islamic Republic of
IQ	Iraq, Republic of
IE	Ireland
IL	Israel, State of
IT	Italy, Italian Republic
JM	Jamaica
JP	Japan
JO	Jordan, Hashemite Kingdom of
KZ	Kazakhstan, Republic of
KE	Kenya, Republic of
KI	Kiribati, Republic of (was Gilbert Islands)
KP	Korea, Democratic People's Republic of
KR	Korea, Republic of
KW	Kuwait, State of
KG	Kyrgyz Republic
LA	Lao People's Democratic Republic
LV	Latvia
LB	Lebanon, Lebanese Republic
LS	Lesotho, Kingdom of
LR	Liberia, Republic of
LY	Libyan Arab Jamahiriya
LI	Liechtenstein, Principality of

LT	Lithuania
LU	Luxembourg, Grand Duchy of
MO	Macao, Special Administrative Region of China
MK	Macedonia, the former Yugoslav Republic of
MG	Madagascar, Republic of
MW	Malawi, Republic of
MY	Malaysia
MV	Maldives, Republic of
ML	Mali, Republic of
MT	Malta, Republic of
MH	Marshall Islands
MQ	Martinique
MR	Mauritania, Islamic Republic of
MU	Mauritius
YT	Mayotte
MX	Mexico, United Mexican States
FM	Micronesia, Federated States of
MD	Moldova, Republic of
MC	Monaco, Principality of
MN	Mongolia, Mongolian People's Republic
MS	Montserrat
MA	Morocco, Kingdom of
MZ	Mozambique, People's Republic of
MM	Myanmar (was Burma)
NA	Namibia
NR	Nauru, Republic of
NP	Nepal, Kingdom of
AN	Netherlands Antilles
NL	Netherlands, Kingdom of the
NC	New Caledonia
NZ	New Zealand
NI	Nicaragua, Republic of
NE	Niger, Republic of the
NG	Nigeria, Federal Republic of
NU	Niue, Republic of
NF	Norfolk Island
MP	Northern Mariana Islands
NO	Norway, Kingdom of
OM	Oman, Sultanate of (was Muscat and Oman)
PK	Pakistan, Islamic Republic of
PW	Palau
PS	Palestinian Territory, Occupied
PA	Panama, Republic of

PG	Papua New Guinea
PY	Paraguay, Republic of
PE	Peru, Republic of
PH	Philippines, Republic of the
PN	Pitcairn Island
PL	Poland, Polish People's Republic
PT	Portugal, Portuguese Republic
PR	Puerto Rico
QA	Qatar, State of
RE	Reunion
RO	Romania, Socialist Republic of
RU	Russian Federation
RW	Rwanda, Rwandese Republic
SH	St. Helena
KN	St. Kitts and Nevis
LC	St. Lucia
PM	St. Pierre and Miquelon
VC	St. Vincent and the Grenadines
WS	Samoa, Independent State of (was Western Samoa)
SM	San Marino, Republic of
ST	Sao Tome and Principe, Democratic Republic of
SA	Saudi Arabia, Kingdom of
SN	Senegal, Republic of
CS	Serbia and Montenegro
SC	Seychelles, Republic of
SL	Sierra Leone, Republic of
SG	Singapore, Republic of
SK	Slovakia (Slovak Republic)
SI	Slovenia
SB	Solomon Islands (was British Solomon Islands)
SO	Somalia, Somali Republic
ZA	South Africa, Republic of
GS	South Georgia and the South Sandwich Islands
ES	Spain, Spanish State
LK	Sri Lanka, Democratic Socialist Republic of (was Ceylon)
SD	Sudan, Democratic Republic of the
SS	Southern Sudan
SR	Suriname, Republic of
SJ	Svalbard & Jan Mayen Islands
SZ	Swaziland, Kingdom of
SE	Sweden, Kingdom of
CH	Switzerland
SY	Syrian Arab Republic

TW	Taiwan, Province of China
TJ	Tajikistan
TZ	Tanzania, United Republic of
TH	Thailand, Kingdom of
TL	Timor-Leste, Democratic Republic of
TG	Togo, Togolese Republic
TK	Tokelau (Tokelau Islands)
TO	Tonga, Kingdom of
TT	Trinidad and Tobago, Republic of
TN	Tunisia, Republic of
TR	Turkey, Republic of
TM	Turkmenistan
TC	Turks and Caicos Islands
TV	Tuvalu (was part of Gilbert & Ellice Islands)
VI	US Virgin Islands
UG	Uganda, Republic of
UA	Ukraine
AE	United Arab Emirates (was Trucial States)
GB	United Kingdom of Great Britain and Northern Ireland
UM	United States Minor Outlying Islands
US	United States of America
UY	Uruguay, Eastern Republic of
UZ	Uzbekistan
VU	Vanuatu (was New Hebrides)
VE	Venezuela, Bolivarian Republic of
VN	Viet Nam, Socialist Republic of (was Democratic Republic of & Republic of)
WF	Wallis and Futuna Islands
EH	Western Sahara (was Spanish Sahara)
YE	Yemen
ZM	Zambia, Republic of
ZW	Zimbabwe

6.2 Co-ordinate Systems

6.2.1 Introduction

T2A makes use of geographic co-ordinate systems.

These mainly appear in results, but one method ([find my nearest](#)) uses geo co-ordinates as an optional high-precision input parameter.

6.2.2 WGS 84 (GPS Co-ordinates)

We use the **World Geodetic System** standard co-ordinate system. Co-ordinates are expressed as signed decimal latitude and longitude values. This reference system is also used by the Global Positioning System (GPS).

6.2.3 OSGB36

The Ordnance Survey grid system projects Great Britain onto a 2D system comprising X and Y co-ordinates, in metres. The origin is at a point to the south west of Land's End. The X and Y co-ordinates are referred to as *eastings (or east)* and *northings (or north)* respectively.

Note that the OSGB36 grid system applies only to Great Britain and offshore islands – Northern Ireland and the Channel Islands are not included.

6.2.4 Irish Grid Reference System

The island of Ireland uses a similar system to OSGB36; co-ordinates are projected onto a 2D system which covers the island. This is independent from the GB system.

6.2.5 Examples

6.2.5.1 Great Britain

Here are the approximate positions of some GB places, in WGS 84 and OSGB36

Name	Latitude	Longitude	X (Eastings)	Y (Northings)
London	51.5	-0.126236	530157	179576
Penzance	50.118558	-5.540874	30281	146977
Edinburgh	55.944555	-3.206062	324771	673047
Cardiff	51.491848	-3.194584	317161	177666
Leeds	53.809035	-1.546004	429993	424844
Aberdeen	57.148134	-2.121849	392726	806367
Norwich	52.636641	1.288493	622611	309398

6.2.5.2 Northern Ireland

Here are the approximate positions of some places in Northern Ireland, in WGS 84 and the Irish Grid Reference System

Name	Latitude	Longitude	X (Eastings)	Y (Northings)
<i>Belfast</i>	54.5757	-5.98257	142717	530157
<i>Coleraine</i>	55.131994	-6.668451	102550	591914
<i>Ballymena</i>	54.863117	-6.278343	125565	560426

6.3 Companies House Data

6.3.1 Company Officer Types

Director (often abbreviated to <i>dir</i>)
Secretary (often abbreviated to <i>sec</i>)
Member of a Limited Liability Partnership
Designated member of a Limited Liability Partnership
Limited Partner In accordance with Section 44R of the Partnership Act 1890
General Partner In accordance with Section 44S(4) of the Partnership Act 1890
Person Authorised to Accept service of documents on behalf of the company in respect of a UK establishment
Person Authorised to Represent the company as a permanent representative in respect of a UK establishment
Person Authorised to Accept service of documents on behalf of the company and Represent the company as a permanent representative in respect of a UK establishment
Manager under Section 47 of the Companies (Audit, Investigations and Community Enterprise) Act 2004
Receiver and manager under Section 18 of the Charities Act 1993
Judicial factor (Scotland)
Manager of an EEIG where the official address of the EEIG is in the UK
Member of a supervisory organ of a Societas Europaea (SE)
Member of an administrative organ of a Societas Europaea (SE)
Member of a management organ of a Societas Europaea (SE)

6.3.2 Company Officer Disqualification Details

6.3.2.1 Company Directors and Secretaries

A company director may be disqualified as a result of an investigation by one of the following authorities:-

- The Police - if fraud is suspected.
- DTI Investigations - for general misconduct whilst running a company.
- The Insolvency Service - usually as a result of an investigation of a failed company (e.g. a director knowingly continues to trade while insolvent).
- Companies House - for breaches of the filing requirements as specified in the Companies Act. The Courts also have power to make a disqualification order where a company director is convicted of an indictable offence in relation to certain matters in connection with a company.

If a person is disqualified then that person shall not, for the period of his disqualification except with leave of the court:-

- Be a director of a company
- Act as a receiver of a company's property
- Be concerned or take part, whether directly or indirectly, in the promotion, formation or management of a company
- Act as an insolvency practitioner

6.3.2.2 The Company Directors Disqualification Act 1986 (the "CDDA")

Disqualification orders are made, and undertakings accepted, under sections 2 – 8 and 10 of the Company Directors Disqualification Act 1986 (the "CDDA").

Sections 2 - 5: Disqualifications for general misconduct in connection with companies –

2. On conviction of an indictable offence.
3. Persistent breaches of company legislation.
4. For fraud, etc, in winding-up.
5. On conviction of summary offences.

Sections 6 - 8: Disqualification for unfitness to act as company director –

6. Duty of court to disqualify unfit directors of insolvent companies.
7. The Secretary of State may accept a disqualification order where the conditions in section 6 are met and it appears to him to be expedient to do so in the public interest.
8. Disqualification after investigation of company, under companies and other legislation. The Secretary of State may accept an *undertaking* from a company director under sections 7 or 8 of the Company Directors Disqualification Act 1986.

Section 10: Fraudulent or Wrongful Trading –

10. A court may make a disqualification order where it makes a declaration in relation to fraudulent or to wrongful trading.

Sections 11 and 12: Miscellaneous Disqualification –

11. This section provides that, except with leave of court, undischarged bankrupts are disqualified from acting as directors or taking part in or being concerned in the promotion, formation or management of a company
12. This section provides that, except with leave of court, where an administration order under section 429 of the County Courts Act 1984 has been revoked and an order made under that section a person subject to such an order is similarly disqualified and also may not act as a liquidator. The maximum period of disqualification depends upon the provision under which the order is made, or undertaking accepted, and is either 5 years or 15 years.

Section 17: Application for leave under an order or undertaking –

17. A Director may apply to a Court to vary the terms of the original Disqualification Order or undertaking. In certain circumstances the court may allow the disqualified individual to continue as a director of a specific company or companies for either an interim period of time or the whole term of the disqualification. Details of any exemptions will be provided.

For further information, please refer to the Company Directors Disqualification Act 1986.

6.3.2.3 Members of Limited Liability Partnerships

A member of a limited liability partnership (LLP) can be subject to a disqualification order or undertaking under the provisions of the Limited Liability Regulations 2001.

A partner can also be subject to a disqualification order or undertaking under the provisions of the Insolvent Partnerships Order 1994.

6.3.3 Companies House Company Categories

Private Unlimited Company
Private Limited Company
Public Limited Company
Old Public Company
PRI/LBG/NSC/S.30 (Private, limited by guarantee, no share capital, section 30 of the Companies Act)
Limited Partnership
PRI/LTD BY GUAR/NSC (Private, limited by guarantee, no share capital)
Converted/Closed
Private Unlimited
Other company type
PRIV LTD SECT.30 (Private limited company, section 30 of the Companies Act)
ICVC (Securities)
ICVC (Warrant)
ICVC (Umbrella)
European Public Limited-Liability Company (SE)
Community Interest Company
Community Interest Public Limited Company
Limited Liability Partnerships (OC & SO companies)

6.3.4 Companies House Company Status

Active
Dissolved
Liquidation
Receivership
Converted/Closed
RECEIVERSHIP
VOLUNTARY ARRANGEMENT
VOLUNTARY ARRANGEMENT/RECEIVERSHIP
ADMINISTRATION ORDER
ADMINISTRATION ORDER/RECEIVERSHIP
RECEIVER MANAGER
ADMINISTRATIVE RECEIVER
RECEIVER MANAGER/ADMINISTRATIVE RECEIVER
VOLUNTARY ARRANGEMENT
VOLUNTARY ARRANGEMENT/RECEIVER MANAGER
VOLUNTARY ARRANGEMENT/ADMINISTRATIVE RECEIVER
VOLUNTARY ARRANGEMENT/ADMINISTRATIVE RECEIVER/RECEIVER MANAGER
ADMINISTRATION ORDER
ADMINISTRATION ORDER/ RECEIVER MANAGER
ADMINISTRATION ORDER/ ADMINISTRATIVE RECEIVER
ADMINISTRATION ORDER/ RECEIVER MANAGER
PROPOSAL TO STRIKE OFF
PETITION TO RESTORE
IN ADMIN / RECEIVERSHIP
IN ADMIN
IN ADMIN / RECEIVER MANAGER
IN ADMIN / ADMINISTRATIVE RECEIVER
IN ADMIN / RECEIVER MANAGER / ADMINISTRATIVE RECEIVER
TRANSFORMED TO SE
PROPOSED SE

CONVERTED TO PLC
TRANSFERRED FROM GB

6.3.1 Companies House Country of Origin Values

Afghanistan
Albania
Algeria
Andorra (French)
Andorra (Spanish)
Anguilla
Antigua
Argentina
Australia
Austria
Bahamas
Bahrain
Bangladesh
Barbados
Belgium
Belize
Benin
Bermuda
Bhutan
Bolivia
Botswana
Brazil
Brunei
Bulgaria
Burma
Burundi
Cameroon
Canada
Cayman Islands
Central African Republic

Chad
Channel Islands
Chile
China – Peoples Republic
Columbia
Congo
Cook Islands
Costa Rica
Cuba
Cyprus
Czechoslovakia
Denmark
Dominica
Dominican Republic
Ecuador
Egypt
Equatorial Guinea
Ethiopia
Falkland Islands
Fiji
Finland
France
Gabon
Gambia
Germany
Ghana
Gibraltar
Greece
Grenada
Guatemala
Guinea

Guyana
Haiti
Holland
Honduras
Hong Kong
Hungary
Iceland
India
Indonesia
Iran
Iraq
Ireland
Ireland (Northern)
Isle of Man
Israel
Italy
Ivory Coast
Jamaica
Japan
Jordan
Kampuchea
Kenya
Korea (North)
Korea (South)
Kuwait
Laos
Lebanon
Lesotho
Liberia
Libya
Liechtenstein

Luxembourg
Macau
Madagascar
Malawi
Malaysia
Maldives
Mali
Malta
Marshall Islands
Mauritania
Mauritius
Mexico
Monaco
Mongolia
Morocco
Netherlands Antilles
Nauru
Nepal
Netherlands
New Zealand
Northern Ireland
Nicaragua
Niger
Nigeria
Norway
Oman
Pakistan
Panama
Paraguay
Peru
Philippines
Poland

Portugal
Qatar
Romania
Rwanda
St. Kitts-Nevis
St. Lucia
St. Vincent
San Marino
Saudi Arabia
Senegal
Seychelles
Sierra Leone
Singapore
Slovenia
Somali Republic
South Africa
South-West Africa
Spain
Sri Lanka
Sudan
Surinam
Swaziland
Sweden
Switzerland
Syria
Taiwan
Tanzania
Thailand
Togo
Tonga
Trinidad and Tobago
Tunisia

Turkey
Turks and Caicos
Uganda
Ukraine
United Arab Emirates
United Kingdom
United States
Upper Volta
Uruguay
USSR
Vatican City
Venezuela
Vietnam
Virgin Islands
Western Samoa
Yemen Arab Republic
Yemen Peoples Democratic Republic
Yugoslavia
Zaire
Zambia
Zimbabwe

6.3.1 Companies House Form Types

6.3.1.1 Post October 2009 Form Types and Descriptions

6.3.1.1.1 CATEGORY ACC: ANNUAL ACCOUNTS

AA	Annual Accounts
AAMD	Amended Accounts

6.3.1.1.2 CATEGORY ANRT: ANNUAL RETURNS

AR01	Annual Return
LLAR01	Annual Return of a Limited Liability Partnership

AR01c	Annual Return (Welsh language form)
LLAR01c	Annual Return of a Limited Liability Partnership (Welsh language form)

6.3.1.1.3 CATEGORY APPT: APPOINTMENTS

AP01	Appointment of director
AP02	Appointment of corporate director
AP03	Appointment of secretary
AP04	Appointment of corporate secretary
CH01	Change of particulars for director
CH02	Change of particulars for corporate director
CH03	Change of particulars for secretary
CH04	Change of particulars for corporate secretary
TM01	Termination of appointment of director
TM02	Termination of appointment of secretary
AP01c	Appointment of director (Welsh language form)
AP02c	Appointment of corporate director (Welsh language form)
AP03c	Appointment of secretary (Welsh language form)
AP04c	Appointment of corporate secretary (Welsh language form)
CH01c	Change of particulars for director (Welsh language form)
CH02c	Change of particulars for corporate director (Welsh language form)
CH03c	Change of particulars for secretary (Welsh language form)
CH04c	Change of particulars for corporate secretary (Welsh language form)
TM01c	Termination of appointment of director (Welsh language form)
TM02c	Termination of appointment of secretary (Welsh language form)
LLAP01	Appointment of member to a Limited Liability Partnership
LLAP02	Appointment of member to a Limited Liability Partnership
LLCH01	Change of particulars for member of a Limited Liability Partnership
LLCH02	Change of particulars of a corporate member of a Limited Liability Partnership
LLTM01	Termination of the member of a Limited Liability Partnership
LLAP01c	Appointment of member to a Limited Liability Partnership (Welsh language form)
LLAP02c	Appointment of member to a Limited Liability Partnership (Welsh language form)
LLCH01c	Change of particulars for member of a Limited Liability Partnership (Welsh language form)

LLCH02c	Change of particulars of a corporate member of a Limited Liability Partnership (Welsh language form)
LLTM01c	Termination of the member of a Limited Liability Partnership (Welsh language form)
SEAP01	Appointment of a member of a supervisory organ of Societas Europaea (SE)
SEAP02	Appointment of a corporate body or firm as a member of a supervisory organ of Societas Europaea (SE)
SECH01	Change of particulars for a member of a supervisory organ of Societas Europaea (SE)
SECH02	Change of particulars for corporate member of a supervisory organ of Societas Europaea (SE)
SETM01	Termination of appointment of member of a supervisory organ of Societas Europaea (SE)
CIAP01	Notice to the Registrar of Companies by the Regulator of Community interest Companies of an Order to appoint a director
CIAP02	Notice to the Registrar of Companies by the Regulator of Community interest Companies of an Order to appoint a corporate director
CICH01	A change of particulars for director appointed by the Regulator of Community interest Companies
CICH02	A change of particulars for corporate director appointed by the Regulator of Community interest Companies
CITM01	Notice to the Registrar of Companies by the Regulator of Community interest Companies about an Order removing a director
CITM02	Notice to the Registrar of Companies by the Registrar of Community interest Companies of the termination of appointment of director

6.3.1.1.4 CATEGORY CROA: CHANGE IN REGISTERED OFFICE

AD01	Change of registered office address
AD01c	Change of registered office address (Welsh language form)
LLAD01	Change of registered office address of a Limited Liability Partnership
LLAD01c	Change of registered office address of a Limited Liability Partnership (Welsh language form)

6.3.1.1.5 CATEGORY MORT: MORTGAGE DOCUMENTS

6.3.1.1.5.1 England/Wales

MG01	Particulars of a mortgage or charge
MG02	Statement of satisfaction in full or in part of mortgage or charge
MG04	Application for registration of a memorandum of satisfaction that part [or the whole] of the property charged (a) has been released from the charge; (b) no longer forms part of

	the company's property
MG06	Particulars of a mortgage or charge subject to which property has been acquired
MG07	Particulars for the registration of a charge to secure a series of debentures
MG08	Particulars of an issue of secured debentures in a series
MG09	Certificate of registration of a charge comprising property situated in another UK jurisdiction
LLMG01	Particulars of a mortgage or charge in respect of a Limited Liability Partnership
LLMG02	Statement of satisfaction in full or in part of mortgage or charge in respect of a Limited Liability Partnership
LLMG04	Application for registration of a memorandum of satisfaction that part [or the whole] of the property charged (a) has been released from the charge; (b) no longer forms part of the company's property
LLMG06	Application for registration of a memorandum of satisfaction that part [or the whole] of the property charged (a) has been released from the charge; (b) no longer forms part of the company's property
LLMG07	Particulars for the registration of a charge to secure a series of debentures in respect of a Limited Liability Partnership
LLMG08	Particulars of an issue of secured debentures in a series in respect of a Limited Liability Partnership
LLMG09	Certificate of registration of a charge comprising property situated in another UK jurisdiction in respect of a Limited Liability Partnership

6.3.1.1.5.2 Scotland

MG01s	Particulars of a charge created by a company registered in Scotland
MG02s	Statement of satisfaction in full or in part of a charge
MG03s	Statement of satisfaction in full or in part of mortgage or charge
MG04s	Application for registration of a memorandum of satisfaction that part [or the whole] of the property charged (a) has been released from the charge; (b) no longer forms part of the company's property
MG05s	Application for registration of a memorandum of satisfaction that part [or the whole] of the property charged (a) has been released from the charge; (b) no longer forms part of the company's property
MG06s	Particulars of a charge subject to which property has been acquired by a company registered in Scotland
MG07s	Particulars for the registration of a charge to secure a series of debentures
MG08s	Particulars of an issue of secured debentures in a series
MG10s	Particulars of an instrument of alteration to a floating charge created by a company registered in Scotland
LLMG01s	Particulars of a charge created by a Limited Liability Partnership (LLP) registered in Scotland
LLMG02s	Statement of satisfaction in full or part of a fixed charge by a Limited Liability Partnership (LLP) registered in Scotland
LLMG03s	Statement of satisfaction in full or part of a floating charge by a Limited Liability Partnership (LLP) registered in Scotland
LLMG04s	Application for registration of a memorandum of satisfaction that part (or the whole) of the property charged (a) has been released from the fixed charge; (b) no longer forms part of the Limited Liability Partnership's (LLP's) property by an LLP registered in Scotland
LLMG05s	Application for registration of a memorandum of satisfaction that part (or the whole) of the property charged (a) has been released from the floating charge; (b) no longer forms part of the Limited Liability Partnership's (LLP's) property by an LLP registered in Scotland
LLMG06s	Particulars of a charge subject to which property has been acquired by a Limited Liability Partnership (LLP) registered in Scotland
LLMG07s	Particulars for the registration of a charge to secure a series of debentures by a Limited Liability Partnership (LLP) registered in Scotland
LLMG08s	Particulars of an issue of secured debentures in a series by a Limited Liability Partnership (LLP) registered in Scotland

6.3.1.1.6 CATEGORY NEWC: NEW INCORPORATIONS

NEWINC	New incorporation documents
IN01	Application for registration of a company
IN01c	Application for registration of a company (Welsh language form)
LLIN01	Application for Incorporation of a Limited Liability Partnership
LLIN01c	Application for Incorporation of a Limited Liability Partnership (Welsh language form)
SEFM01	Formation by Merger of Societas Europaea (SE) to be registered in GB
SEFM02	Formation of Holding Societas Europaea (SE)
SEFM03	Formation of Subsidiary Societas Europaea (SE) under Article 2(3) of Council Regulation (EC) No 2157/2001
SEFM05	Formation of Subsidiary Societas Europaea (SE) under Article 2(3) of Council Regulation (EC) No 2157/2001
SETR02	Transfer to GB of Societas Europaea (SE)
OSIN01	Registration of an overseas company
OSNE01	Registration of a new UK Establishment of an overseas company

6.3.1.1.7 CATEGORY CAP: CAPITAL

SH01	Return of Allotment of shares
SH02	Notice of consolidation, sub-division, redemption of shares or re-conversion of stock into shares
SH03	Return of purchase of own shares
SH04	Notice of sale or transfer of treasury shares for a public limited company
SH05	Notice of cancellation of treasury shares
SH06	Notice of cancellation of shares
SH07	Notice of cancellation of shares held by or for a public company
SH08	Notice of name or other designation of class of shares
SH09	Return of allotment by unlimited company allotting new class of shares
SH10	Notice of particulars of variation of rights attached to shares
SH11	Notice of new class of members
SH12	Notice of particulars of variation of class rights
SH13	Notice of name or other designation of class of members
SH14	Notice of redenomination
SH15	Notice of reduction of capital following redenomination
SH16	Notice by the applicants of application to court for cancellation of resolution approving a repurchase or redemption of shares out of capital
SH17	Notice by the company of application to court for cancellation of resolution approving a repurchase or redemption of shares out of capital
SH18	Statement of directors in accordance with reduction of capital following redenomination
SH19	Statement of capital (Section 644/649)
SH20	Statement of directors in respect of the solvency statement made in accordance with section 643
SH21	Notice of non-assenting shareholders
SH22	Statutory Declaration relating to a Notice to non-assenting shares
SH23	Notice to non-assenting shareholders

6.3.1.1.8 CATEGORY LIQ: LIQUIDATION DOCUMENTS

LQ01	Notice of appointment of receiver or manager
LQ02	Notice of ceasing to act as receiver or manager
SEWU01	Notice of Initiation or Termination of Winding-up, Liquidation, Insolvency or Cessation of Payment Procedures and Decision to Continue Operating of Societas Europaea (SE)
LLLQ01	Notice of appointment of receiver or manager in respect of a Limited Liability Partnership
LLLQ02	Notice of ceasing to act as receiver or manager in respect of a Limited Liability Partnership

See 'Codes and Description Pre 2009' help page for all other Liquidation Documents included in this category

6.3.1.1.9 CATEGORY CON: CHANGE OF NAME

NM01	Notice of change of name by resolution
NM02	Notice of change of name by conditional resolution
NM03	Notice confirming satisfaction of the resolution for the change of name
NM04	Notice of change of name by means provided for by the articles
NM05	Notice of change of name by resolution of directors
NM06	Request to seek comments of government department or other specified body on change of name
NM01c	Notice of change of name by resolution (Welsh language form)
NM02c	Notice of change of name by conditional resolution (Welsh language form)
NM03c	Notice confirming satisfaction of the resolution for the change of name (Welsh language form)
NM04c	Notice of change of name by resolution of directors (Welsh language form)
NM05c	Notice of change of name by resolution of directors (Welsh language form)
NM06c	Request to seek comments of government department or other specified body on change of name (Welsh language form)
NE01	Exemption from requirement as to use of "limited" or "cyfyngedig" on Change of Name
LLNM01	Notice of Change of Name of a Limited Liability Partnership
LLNM01c	Notice of Change of Name of a Limited Liability Partnership (Welsh language form)
CERTNM	Change of name certificate

6.3.1.1.10 CATEGORY MISC: MISCELLANEOUS

AA01	Change of accounting reference date
AA02	Dormant company accounts
AA01c	Change of accounting reference date (Welsh language form)
AA02c	Dormant company accounts (Welsh language form)
AA03	Notice of resolution removing auditors
AD02	Notification of Single Alternative Inspection Location (SAIL)
AD03	Change of location of company records to the Single Alternative Inspection Location
AD04	Change of location of company records to the registered office
AD05	Notification to change the situation of an England and Wales company or a Welsh company
AD02c	Notification of Single Alternative Inspection Location (SAIL) (Welsh language form)
AD03c	Change of location of company records to the Single Alternative Inspection Location (SAIL) (Welsh language form)
AD04c	Change of location of company records to the registered office (Welsh language form)
AD05c	Notification to change the situation of an England and Wales company or a Welsh company (Welsh language form)
CC01	Notice of restriction on the company's articles
CC02	Notice of removal of restriction on the company's articles
CC03	Statement of compliance where removal of articles restricted
CC04	Statement of companies objects
CC05	Change of constitution by enactment
CC06	Change of constitution by order of court or other authority
CERT1	Re-registration of a company from unlimited to limited
CERT2	Re-registration of a company from unlimited to limited with a change of name
CERT3	Re-registration of a company from limited to unlimited
CERT4	Re-registration of a company from limited to unlimited with a change of name
CERT5	Re-registration of a company from private to public
CERT6	Re-registration of a company from unlimited to PLC
CERT7	Re-registration of a company from private to public with a change of name
CERT8	Certificate to entitle a public company to commence business and borrow

CERT10	Re-registration of a company from public to private
CERT11	Re-registration of a company from public to private with a change of name
CERT14	Certificate of registration of a resolution on reduction of share capital
CERT15	Certificate of registration of order of court and minute on reduction of share capital
CERT16	Certificate of registration of order of court and minute on reduction of share capital and share premium account
CERT17	Certificate of registration of order of court and minute on reduction of share capital and cancellation of share premium account
CERT18	Certificate of registration of order of court and minute on reduction of share capital, cancellation of share premium account and cancellation of capital redemption reserve
CERT19	Certificate of registration of order of court on reduction of share premium account
CERT20	Certificate of registration of order of court on reduction of share capital and cancellation of capital redemption reserve
CERT21	Certificate of registration of order of court and minute on cancellation of share premium account
CERTIPS	Registration as Friendly Society
DS01	Striking off application by a company
DS02	Withdrawal of striking off application by a company
DS01c	Striking off application by a company (Welsh language form)
DS02c	Withdrawal of striking off application by a company (Welsh language form)
EEMP01	Notice of documents and particulars required to be filed
EEMP02	Notice of setting up or closure of an establishment of an EEIG
EEAP01	Appointment of manager of an EEIG where the official address of the EEIG is in the UK
EEAP02	Appointment of corporate manager of an EEIG where the official address is in the UK
EEFM01	Statement of name, official address, members, objects and duration for EEIG whose official address is in the UK
EEFM02	Statement of name, establishment address in the UK and members of an EEIG whose official address is outside the UK
EENM01	Statement of name, other than registered name, under which an EEIG whose official address is outside the UK proposes to carry on business in the UK
EENM02	Statement of name, other than registered name, under which an EEIG whose official address is outside the UK proposes to carry on business in substitution for name previously approved
EETM01	Termination of appointment of manager of an EEIG where the official address is in the UK

EECH01	Change of particulars for a manager of an EEIG where the official address of the EEIG is in the UK
EECH02	Change of particulars for corporate manager of an EEIG where the official address of the EEIG is in the UK
GAZ1	First notification of strike-off action in London Gazette (Section 1000)
GAZ2	Second notification of strike-off action in London Gazette (Section 1000)
GAZ1(A)	First notification of strike-off in London Gazette (Section 1003)
GAZ2(A)	Second notification of strike-off action in London Gazette (Section 1003)
ART	Articles of Association
MISC	Miscellaneous document
OC	Order of Court
OC-DV	Order of Court - dissolution void
OC-PRI	Order of Court for re-registration to private company
OCREREG	Order of Court for re-registration
OC138	Order of Court
OC425	Order of Court
OC427	Order of Court (Section 427)
*RES02	Resolution to re-register
*RES06	Reduction of issued capital
*RES08	Purchase own shares
*RES09	Repurchase of shares
*RES10	Allotment of securities
*RES11	Disapplication of pre-emption rights
*RES12	Vary share rights/names
*RES13	Other resolution
*RES16	Redemption of shares
SOAD(A)	Striking-off action discontinued (s1003)
SOAS(A)	Striking-off action suspended (s1003)
VAL	Valuation Report
SH50	Application for trading certificate for a public company
LLAA01	Change of accounting reference date of a Limited Liability Partnership
LLAA01c	Change of accounting reference date of a Limited Liability Partnership (Welsh language form)

LLAA02	Notice of removal of auditor from a Limited Liability Partnership
LLAD02	Notification of a single alternative inspection location (SAIL) of a Limited Liability Partnership
LLAD03	Change of location of the records to the single alternative inspection location (SAIL) of a Limited Liability Partnership
LLAD04	Change of location of the records to the registered office of a Limited Liability Partnership
LLAD05	Notice to change the situation of a Welsh / England and Wales Limited Liability Partnership
LLAD02c	Notification of a single alternative inspection location (SAIL) of a Limited Liability Partnership (Welsh language form)
LLAD03c	Change of location of the records to the single alternative inspection location (SAIL) of a Limited Liability Partnership (Welsh language form)
LLAD04c	Change of location of the records to the registered office of a Limited Liability Partnership (Welsh language form)
LLAD05c	Notice to change the situation of a Welsh / England and Wales Limited Liability Partnership (Welsh language form)
LLCC01	Notice of Change of Status of a Limited Liability Partnership
LLDS01	Striking off application by a Limited Liability Partnership
LLDS02	Withdrawal of striking off application by a Limited Liability Partnership
LLCC01c	Notice of Change of Status of a Limited Liability Partnership (Welsh language form)
LLDS01c	Striking off application by a Limited Liability Partnership (Welsh language form)
LLDS02c	Withdrawal of striking off application by a Limited Liability Partnership (Welsh language form)
LLNM01c	Notice of Change of Name of a Limited Liability Partnership (Welsh language form)
NCIN01	Application by a joint stock company for registration as a public company under the Companies Act 2006
NCIN03	Application by a company (not being a joint stock company) for registration under the Companies Act 2006
NCIN04	Statement by Director or Secretary on application by a joint stock company for registration as a public company under the Companies Act 2006
OSNM01	Registration of change of name of overseas company as registered in the UK
OSLQ01	Notice of appointment of a liquidator of an overseas company
OSLQ02	Notice by an Overseas Companies which becomes subject to proceedings relating to insolvency
OSLQ03	Notice of winding up of an overseas company

OSLQ04	Notice by an overseas companies on cessation of proceedings relating to insolvency
OSDS01	Notice of closure of a UK business of an overseas company
OSDS02	Notice of termination of winding up of an overseas companies
OSCH01	Return by a UK business of an Overseas Company for change of particulars
OSCH02	Return by an overseas company for change of company particulars
OSCH03	Change of details of a director of an overseas company
OSCH04	Change of details of a corporate director of an overseas company
OSCH05	Change of details of a secretary of an overseas company
OSCH06	Change of details of a corporate secretary of an overseas company
OSCH07	Change of details by an overseas company for a person authorised to represent the company in respect of a UK establishment
OSCH08	Change of service address for a judicial factor (Scotland) of an overseas company
OSCH09	Change of details by an overseas company for a person authorised to accept service of documents on behalf of the company in respect of a UK establishment
OSCC01	Return by an overseas company of an alteration to constitutional documents
OSCC02	Return by an overseas company of change of UK business at which the constitutional documents are kept
OSMG01	Particulars of a mortgage or charge by an overseas company
RP01	Replacement of document not meeting requirements for proper delivery
RP02	Application for rectification
RP03	Notice of objection to a rectification request
RR01	Application by a private company for re-registration as a public company
RR02	Application by a public company for re-registration as a private limited company
RR03	Notice by the company of application to the court for cancellation of resolution for re-registration
RR04	Notice by the applicants of application to the court for cancellation of resolution for re-registration
RR05	Application by a private limited company for re-registration as a private unlimited company
RR06	Application by an unlimited company for re-registration as a private limited company
RR07	Application by a public company for re-registration as a private unlimited company
RR08	Application by a public company for re-registration as a private limited company following a Court Order reducing capital
RR09	Application by a public company for re-registration as a private limited company

	following cancellation of shares
RT01	Application for administrative restoration to the register
SEAS01	Amendment of Statutes of Societas Europaea (SE)
SECV01	Conversion of Societas Europaea (SE) to PLC
SEDT01	Draft Terms of Formation of Holding Societas Europaea (SE) involving a GB Registered Company or SE
SEDT02	Draft Terms of Conversion of PLC to Societas Europaea (SE)
SEDT03	Notification of Draft Terms of Conversion of Societas Europaea (SE) to PLC
SESC01	Notice of Satisfaction of Conditions for the Formation of Holding Societas Europaea (SE) by a GB Registered Company or SE
SESS01	Statement of solvency by Members of Societas Europaea (SE) which is proposing to transfer from GB
SETR01	Proposed Transfer from GB of Societas Europaea (SE)
SETR03	Transfer from GB of Societas Europaea (SE)
SEFM04	Transformation of PLC to Societas Europaea (SE)
VT01	Voluntary translation of an original filing received by the Registrar

6.3.1.2 Pre October 2009 Form Types and Descriptions

6.3.1.2.1 CATEGORY ACC: ANNUAL ACCOUNTS

AA	Annual Accounts
AAMD	Amended Accounts

6.3.1.2.2 CATEGORY RET: ANNUAL RETURNS

363	Annual Return
363a	Annual Return
363b	Annual Return
363s	Annual Return
363x	Annual Return
363CYM	Annual Return (Welsh language form)

6.3.1.2.3 CATEGORY DIR: 288 DOCUMENTS

288a	Notice of appointment of directors or secretaries
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288b	Notice of resignation of directors or secretaries
288c	Notice of change of directors or secretaries or in their particulars
288aCYM	288aCYM Notice of appointment of directors or secretaries (Welsh language form)
288bCYM	Notice of resignation of directors or secretaries (Welsh language form)
288cCYM	Notice of change of directors or secretaries or in their particulars (Welsh language form)

6.3.1.2.4 CATEGORY ROC: 287 DOCUMENTS

287	Change in situation or address of Registered Office
287CYM	Change in situation or address of Registered Office (Welsh language form)

6.3.1.2.5 CATEGORY NEWC: NEW COMPANIES

NEWINC	New Incorporation documents
10	First Directors and secretary and intended situation of Registered Office
10CYM	Directors and secretary and intended situation of Registered Office (Welsh language form)
12	Declaration on application for registration
12CYM	Declaration on application for registration (Welsh language form)
BR1	Return delivered for registration of a branch of an overseas company
691	Return and declaration delivered for registration of a place of business of an overseas company

6.3.1.2.6 CATEGORY MORT: MORTGAGE DOCUMENTS

6.3.1.2.6.1 England and Wales

ZMORT	Mortgage Register
REG 395	Particulars of a mortgage or charge
397	Particulars for the registration of a charge to secure a series of debentures
397a	Particulars of an issue of secured debentures in a series
398	Certification of registration in Scotland or Northern Ireland of a charge comprising property situated there
400	Particulars of a mortgage or charge subject to which property has been acquired
401	Register of Charges, Memoranda of Satisfaction and Appointment etc of Receivers.
403a	Declaration of satisfaction in full or in part of a mortgage or charge
403b	Declaration that part of the property or undertaking charges (a) has been released from

	the charge; (b) no longer forms part of the company's property or undertaking
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6.3.1.2.6.2 *Scotland*

410	Particulars of a charge created by a company registered in Scotland
413	Particulars for the registration of a charge to secure a series of debentures
413a	Particulars for the registration of a charge to secure a series of debentures
416	Particulars of a charge subject to which property has been acquired by a company registered in Scotland
419a	Application for registration of a memorandum of satisfaction in full or in part of a registered charge
419b	Application for registration of a memorandum of fact that part of the property charged (a) has been released from the charge; (b) no longer forms part of the company's property
466	Particulars of an instrument of alteration to a floating charge created by a company registered in Scotland

6.3.1.2.7 **CATEGORY CAP: CAPITAL**

52	Particulars of contract relating to shares allotted as fully or partly paid up otherwise than in cash on or before 15/3/88
88(2)	Return of allotments of shares issued for cash or by way of capitalisation of reserves (bonus issues)
397	Particulars for the registration of a charge to secure a series of debentures
88(2)R	Return of allotments of shares issued for cash or by way of capitalisation of reserves (bonus issues) - revised form
88(2)O	Return of allotments of shares issued for other than cash - original document
88(3)	Particulars of a contract relating to shares allotted as fully or partly paid up otherwise than in cash
SA	Shares agreement
122	Notice of consolidation, division, sub-division, redemption or cancellation of shares, or conversion, re-conversion of stock into shares
123	Notice of increase in nominal capital
128(1)	Statement of rights attached to allotted shares
128(3)	Statement of particulars of variation of rights attached to shares
128(4)	Notice of assignment of name or new name to any class of shares
129(1)	Statement by a company without share capital of rights attached to newly created class of members
129(2)	Statement by a company without share capital of particulars of a variation of members'

	class rights
129(3)	Notice by a company without share capital of assignment of a name or other designation to a class of members
155(6)a	Declaration in relation to assistance for the acquisition of shares
155(6)b	Declaration by the directors of a holding company in relation to assistance for the acquisition of shares
157	Notice of application made to the Court for the cancellation of a special resolution regarding financial assistance for the acquisition of shares
169	Return by a company purchasing its own shares
169(1B)	Return by a public company purchasing its own shares for holding in treasury
169A(2)	Return by a public company cancelling or selling shares from treasury
173	Declaration in relation to the redemption or purchase of shares out of capital
176	Notice of application to the Court for the cancellation of a resolution for the redemption or purchase of shares out of capital
PROSP	Prospectus
*RESO4	Increase in nominal capital
*RESO5	Decrease in nominal capital
PUC2	Return of allotments of shares issued for cash on or before 15/3/1988
PUC5	Statement of amounts or further amounts paid on nil paid or partly paid on or before 15/3/1988
PUC30	Return of allotments of shares issued wholly or partly paid up otherwise than in cash on or before 15/3/1988

*RES (resolution) forms can be in the form, SRES, ORES, ERES or WRES relating to: special resolution, ordinary resolution, extraordinary resolution or written resolution

6.3.1.2.8 CATEGORY LIQ: LIQUIDATION DOCUMENTS

6.3.1.2.8.1 England and Wales

1.1	Report of meeting approving voluntary arrangement
1.2	Order or revocation or suspension of voluntary arrangement
1.3	Voluntary arrangement's supervisor's abstracts of receipts and payments
1.4	Notice of completion of voluntary arrangement
2.6	Notice of Administration Order
2.7	Administration Order
2.15	Administrator's Abstract of receipts and payments

2.18	Notice of Order to deal with charged property
2.19	Notice of discharge of Administration Order
2.2	Notice of variation of Administration Order
2.21	Statement of Administrator's proposals
2.23	Notice of result of meeting of creditors
3.3	Statement of Affairs in Administrative receivership following report to creditors
3.4	Certificate of constitution of creditors
3.5	Administrative Receiver's report to change in membership of creditors' committee
3.6	Abstract of receipt and payments in receivership
3.7	Notice of Administrative Receiver's death
3.8	Notice of Order to dispose of charged property
3.1	Administrative Receiver's report
4.13	Notice to Official Receiver of winding-up order
4.2	Statement of company's affairs
4.31	Notice of Appointment of Liquidator in winding up by the Court
4.33	Notice of resignation of Voluntary Liquidator under section 171(5) of Insolvency Act 1986
4.35	Order of Court granting Voluntary Liquidator leave to resign
4.38	Certificate of removal of Voluntary Liquidator
4.4	Notice of ceasing to act as Voluntary Liquidator
4.43	Notice of final meeting of creditors
4.44	Notice of death of Voluntary Liquidator
4.46	Notice of vacation of office by Voluntary Liquidator
4.48	Notice of constitution of liquidation committee
4.51	Certificate that creditors have been paid in full
4.68	Liquidator's statement of receipts and payments
4.69	Order of court appealing against Secretary of State's decision under section 203(4) or section 205(4) of Insolvency Act 1986
4.7	Declaration of Solvency
4.71	Return of final meeting in members' voluntary winding-up
4.72	Return of final meeting in creditors' voluntary winding-up
405(1)	Notice of appointment of Receiver
405(2)	Notice of ceasing to act of Receiver

600	Notice of appointment of Liquidator in a voluntary winding up (Members or Creditors)
COCOMP	Order to wind up
COLIQ	Orders to rescind, defer or stay
F14	Notice of wind up
L64.01	Early dissolution request
L64.01HC	Early dissolution request
L64.04	Directions to defer dissolution
L64.06	Directions to defer dissolution
L64.06HC	Directions to defer dissolution
L64.07	Release of Official Receiver
L64.07HC	Release of Official Receiver
LRESEX	Extraordinary resolution in creditors; voluntary liquidation
LRESSP	Ordinary resolution in members' voluntary liquidation
RELREC	Official Receiver's release
SPECPEN	Certificate of specific penalty

6.3.1.2.8.2 Scotland

1.1(scot)	Report of a meeting approving voluntary arrangement
2.2(scot)	Notice of administration order
2.3(scot)	Notice of dismissal of petition for administration order
2.4(scot)	Notice of discharge of administration order
2.7(scot)	Notice of statement of administrator's proposals
2.8(scot)	Notice of result of meeting of creditors
2.9(SC)	Administrator's abstract of receipts and payments
2.11(scot)	Notice of order to deal with secured property
2.12(scot)	Notice of variation of administration order
4.2(SC)	Notice of winding up order
4.6(SC)	Liquidator's statement of receipts and payment
4.9(SC)	Notice of appointment of Liquidator
4.11(SC)	Notice of removal of Liquidator
4.14(SC)	Certificate of release of Liquidator
4.16(SC)	Notice of resignation of Liquidator

4.17(SC)	Notice of final meeting of creditors
4.18(SC)	Notice of death of Liquidator
4.19(SC)	Notice of vacation of office by Liquidator
4.20(SC)	Certificate of constitution of creditors/liquidation committee
4.22(SC)	Notice of constitution/continuance of liquidation/creditors committee
4.25(SC)	Declaration of solvency
4.26(SC)	Return of final meeting in a voluntary winding up
4.27(SC)	Notice of courts order sifting proceedings in winding up by the court
4.28(SC)	Notice under sections 204(6) or 205(6)
600	Notice of appointment of Liquidator in a voluntary winding up
COLIQ	Court order to dissolve in post 29/12/86 compulsory liquidation
COLIQ86	Court order to dissolve in a pre 29/12/86 compulsory liquidation
CO4.2S	Court Order for notice of wind up
1(scot)	Notice of appointment of a Receiver by the holder of a floating charge
2(scot)	Notice of appointment of a Receiver by the Court
3(scot)	Notice of the Receiver ceasing to act or of his removal
3.3(scot)	Notice of receiver's death
3.4(scot)	Notice of authorisation to dispose of secured property
3.5(scot)	Notice of Receiver's report
LRESEX	Extraordinary resolution in creditors' voluntary liquidation
LRESSP	Ordinary resolution in members' voluntary liquidation

6.3.1.2.9 CATEGORY CON: CHANGE OF NAME

CERTNM	Change of name certificate
SRES15	Change of Name Special Resolution

6.3.1.2.10 CATEGORY MISC: MISCELLANEOUS DOCUMENTS

6.3.1.2.10.1 England, Wales and Scotland

AUD	Auditor's letter of resignation
AUDR	Auditor's report
AUDS	Auditor's statement
BONA	Bona Vacantia disclaimer

BS	Balance sheet
BR1	Return delivered for registration of a branch of an overseas company
BR2	Return by an overseas company subject to branch registration of an alteration to constitutional documents
BR3	Return by an overseas company subject to branch registration, for alteration of company particulars
BR4	Return by an overseas company subject to branch registration of change of directors or secretary or of their particulars
BR5	Return by an overseas company subject to branch registration of change of address or other branch particulars
BR6	Return of change of person authorised to accept service or to represent the branch of an overseas company or of any change in their particulars
BR7	Return by an overseas company of the branch at which the constitutional documents of the company have been registered in substitution for a previous branch
BUSADD CH	Business address changed
CENT8	Notice of closure of a place of business of an overseas company
CERT1	Re-registration of a company from unlimited to limited
CERT2	Re-registration of a company from unlimited to limited with a change of name
CERT3	Re-registration of a company from limited to unlimited
CERT4	Re-registration of a company from limited to unlimited with a change of name
CERT5	Re-registration of a company from private to public
CERT6	Re-registration of a company from unlimited to PLC
CERT7	Re-registration of a company from private to public with a change of name
CERT8	Certificate to entitle a public company to commence business and borrow
CERT10	Re-registration of a company from public to private
CERT11	Re-registration of a company from public to private with a change of name
CERT14	Certificate of registration of a resolution on reduction of share capital
CERT15	Certificate of registration of order of court and minute on reduction of share capital
CERT16	Certificate of registration of order of court and minute on reduction of share capital and share premium account
CERT17	Certificate of registration of order of court and minute on reduction of share capital and cancellation of share premium account
CERT18	Certificate of registration of order of court and minute on reduction of share capital, cancellation of share premium account and cancellation of capital redemption reserve
CERT19	Certificate of registration of order of court on reduction of share premium account

CERT20	Certificate of registration of order of court on reduction of share capital and cancellation of capital redemption reserve
CERT21	Certificate of registration of order of court and minute on cancellation of share premium account
CERTIPS	Registration as Friendly Society
COAD	Instrument issued under Section 244(5)
COADLE TT	Letter to company regarding its request for an extension of time to deliver their annual accounts
DISS6	Notice of striking-off action suspended
DISS40	Notice of striking-off action discontinued
DO1	Notice of disqualification of an individual
DO2	Notice of disqualification order against a body corporate
DO3	Notice of leave granted in relation to a disqualification order
DO4	Notice of a variation or cessation of a disqualification order
EEIG1	Statement of name, official address, members, objects and duration for EEIG whose official address is in Great Britain
EEIG2	Statement of name, establishment address in Great Britain and members of an EEIG whose official address is outside the UK
EEIG3	Notice of manager's particulars, and of termination of appointment where the official address of the EEIG is in Great Britain
EEIG4	Notice of documents and particulars required to be filed
EEIG5	Notice of setting up or closure of an establishment of an EEIG
EEIG6	Statement of name, other than registered name, under which an EEIG whose official address is outside Great Britain proposes to carry on business in substitution for name previously approved
ELRES	Elective resolution
GAZ1	First notification of strike-off action in London Gazette (Section 652)
GAZ2	Second notification of strike-off action in London Gazette (Section 652) 43(3) Application by a private company for re-registration as a public company
GAZ1(A)	First notification of strike-off in London Gazette (Section 652A)
GAZ2(A)	Second notification of strike-off action in London Gazette (Section 652A)
LET-CESS	Notice of closure of a place of business of an overseas company
LETT- CESS	Notice of closure of a branch of an overseas company
MA	Memorandum and Articles
MAR	Memorandum and Articles - used in re-registration

MISC	Miscellaneous document
OC	Order of Court
OC-DV	Order of Court - dissolution void
OC-PRI	Order of Court for re-registration to private company
OC138	Order of Court (Section 138)
OC425	Order of Court (Section 425)
OCREREG	Order of Court for re-registration
*RES02	Resolution to re-register
*RES03	Exempt from appointment of auditor
*RES06	Reduction of issued capital
*RES07	Financial assistance in shares acquisition
*RES08	Purchase own shares
*RES09	Confirmation of dissolution
*RES10	Allotment of securities
*RES11	Disapplication of pre-emption rights
*RES12	Vary share rights/names
*RES13	Other resolution
*RES14	Capital/bonus issue
*RES16	Redemption of shares
SOAD(A)	Striking-off action discontinued (Section 652A)
SOAS(A)	Striking-off action suspended (Section 652A)
VAL	Valuation Report
(W)ELRES	Written elective resolution
6	Cancellation of alteration to the objects of a company
43(3)e	Declaration on application by a private company for re-registration as a public company
49(1)	Application by a limited company to be re-registered as unlimited
49(8)a	Members' assent to company being re-registered as unlimited
49(8)b	Statutory declaration by directors as to members' assent to re-register a company as unlimited
51	Application by an unlimited company to be re-registered as limited
53	Application by a public company for re-registration as a private company

54	Application to the Court for cancellation of resolution for re-registration
54 92(SC)	Liquidator's statement of accounts (for Scottish companies only)
97	Statement for the amount or rate per cent of any commission payable in connection with the subscription of shares
117	Application by a public company for certificate to commence business and statutory declaration in support
139	Application by a public company for re-registration as a private company following a Court Order reducing capital
147	Application by a public company for re-registration as a private company following cancellation of shares and reduction of nominal value of issued capital
190	Notice of place where a register of holders of debentures or a duplicate is kept or of any change in that place
190a	Notice of a place where a register of holders of debentures of a duplicate is kept or of any change in that place where the register is in non-legible form
224	Notice of accounting reference date (to be delivered within 9 months of incorporation)
225	Change of Accounting Reference Date
225(1)	Notice of new accounting reference date given during the course of an accounting reference period
225(2)	Notice by a holding or subsidiary company of a new accounting reference date given after the end of an accounting reference period
225CYM	Change of accounting reference date (Welsh form)
242	Notice of claim to extension of period allowed for laying and delivering accounts - overseas business or interests
244	Notice of claim to extension of period allowed for laying and delivering accounts - overseas business or interests
266(1)	Notice of intention to carry on business as an investment company
266(3)	Notice that a company no longer wishes to be an investment company
318	Location of directors' service contracts
325	Location of register of directors' interests in shares etc
325a	Location of register of directors' interests in shares etc where the register is in non-legible form
353	Register of members
353a	Register of members in non-legible form
362	Notice of place where an overseas branch register is kept, of any change in that place, or of discontinuance of any such register
362a	Notice of place where an overseas branch register is kept, of any change in that place, or of discontinuance of any such register where the register is in a non-legible form

386	Notice of passing of resolution removing an auditor
652A	Application for striking off
652C	Withdrawal of application for striking off
680a	Application by joint stock company for registration under Part XXII of the Companies Act 1985, and Declaration and related statements
680b	Application by a company which is not a joint stock company for registration under Part XXII of the Companies Act 1985, and Declaration and related statements
684	Registration under Part XXII of the Companies Act 1985. List of members - existing joint stock company
685	Declaration on application by a joint stock company for registration as a public company
686	Registration under Part XXII of the Companies Act 1985 Statutory Declaration verifying list of members
691- REREG	Registration of a place of business of an overseas company previously registered as a branch
692(1)(a)	Return of alteration in the charter, statutes etc of an overseas company subject to place of business registration
692(1)(b)	Return of alteration in the directors or secretary of an overseas company subject to place of business registration or in their particulars
692(1)(c)	Return of alteration in the names or addresses of persons resident in Great Britain authorised to accept service on behalf of an overseas company subject to place of business registration
692(2)	Return of change in the corporate name of an overseas company subject to place of business registration
694(4)(a)	Statement of name, other than corporate name, under which an overseas company proposes to carry on business in Great Britain
694(4)(b)	Statement of name, other than corporate name, under which an overseas company proposes to carry on business in Great Britain in substitution for a name previously registered
695A(3)	Notice of closure of a branch of an overseas company
701(a)	Notice of accounting reference date (to be delivered within 9 months of incorporation) for an overseas company subject to section 700
701(b)	Notice of new accounting reference date given during the course of an accounting reference period for an overseas company subject to section 700
701(c)	Notice by an overseas holding or subsidiary company of new accounting reference date given after the end of an accounting reference period subject to section 700
703P(1)	Return by an overseas company that the company is being wound up
703P(3)	Notice of appointment of a Liquidator of an overseas company
703(P)(5)	Notice by the Liquidator of an overseas company concerning the termination of

	liquidation of the company
703Q(1)	Return by an overseas company which becomes subject to insolvency proceedings, etc
703Q(2)	Return by an overseas company on cessation of insolvency proceedings, etc
CLOSE	Scheme of Arrangement
EXLIQ	Request for dissolution of company where liquidator has ceased to act.

*RES (resolution) forms can be in the form, SRES, ORES, ERES or WRES relating to: special resolution, ordinary resolution, extraordinary resolution or written resolution.

6.3.1.2.11 LLP DOCUMENTS

The majority of the above document codes that apply to companies also apply to Limited Liability Partnerships and have the same purpose or significance. Note, however, that LLPs do NOT file Partnership Agreements at Companies House. Nor do they file Share Capital documents, Resolutions, Memorandum of Association or Articles of Association

Northern Ireland codes and descriptions are detailed below but documents that align with GB documents are included in the above categories for 'Monitor' etc.

6.3.1.2.11.1 Northern Ireland Documents

Credit Union Annual Return

16(W)	Written resolution for change of company name
CNRES	Special resolution change of company name

6.3.1.2.11.2 Dormant Balance Sheet

17	Cancellation of alteration to the objects of a company
21	(Incorporation)
23	(Statutory declaration)
40(5)(a)	Declaration on application for the registration of a company exempt from the requirement to use 'limited'
40(5)(b)	Declaration on application for the registration of a company under Article 629 of the Companies (NI) Order 1986 exempt from the from the requirement to use 'limited'
40(5)(c)	Declaration of change of name omitting 'limited'
53(3)	Application by a private company for re-registration as a public company
53(3)(e)	Declaration on application by a private company for re-registration as a public company
59	Application by limited company to be re-registered as unlimited

59(8)(a)	Members' assent to company being re-registered as unlimited
61	Application by an unlimited company to be re-registered as limited
63	Application by a public company for re-registration as private company
64	Application to the court for cancellation of resolution for re-registration
98(2)	Return of allotment of shares
98(3)	Particulars of a contract relating to shares allotted as fully or partly paid up otherwise than in cash.
107	Statement of the amount or rate per cent of any commission payable in connection with the subscription of shares
127	Application by a public company for certificate to commence business
132	Notice of consolidation, division, sub-division, redemption or cancellation of shares, or conversion, re-conversion of stock into shares
133	Notice of increase in nominal capital
138(1)	Statement of rights attached to allotted shares
138(3)	Statement of particulars of variation of rights attached to shares
138(4)	Notice of assignment of name or new name to any class of shares
139(1)	Statement by a company without share capital of rights attached to newly created class of members
139(2)	Statement by a company without share capital of particulars of a variation of members' class rights
139(3)	Notice by a company without share capital of assignment of a name or other designation to a class of members
149	Application by a public company for re-registration as a private company following a Court Order reducing capital
157	Application by a public company for re-registration as a private company following cancellation of shares and reduction of nominal value of issued capital
165(6)A	Declaration in relation to assistance for the acquisition of shares
165(6)B	Declaration by the directors of a holding company in relation to assistance for the acquisition of shares
167	Notice of application made to the Court for the cancellation of a special resolution regarding financial assistance for the acquisition of shares
179	Return by a company purchasing its own shares
183	Declaration in relation to the redemption or purchase of shares out of capital
186	Notice of application to the Court for the cancellation of a resolution for the redemption or purchase of shares out of capital
199	Location of register of debenture holders

232	Notice of accounting reference date (ARD) (to be delivered within 6 months of incorporation)
233	Change of accounting reference date
233(1)	Notice of new ARD date given during an accounting reference period
233(2)	Notice by a holding or subsidiary company of new ARD given after the end of an accounting reference period
250	Notice of interests outside of the UK, Channel Islands and Isle of Man
252	Notice of claim to extension of period allowed for laying and delivering accounts and reports - business or interests outside the UK, Channel Islands and Isle of Man
274(1)	Notice of intention to carry on business as an investment company
274(3)	Notice that a company no longer wishes to be an investment company
295	Change of situation or address of registered office
296	Change of director or secretary or change of particulars
326	Location of directors' service contracts
333	Notice of place where register of directors' interests in shares etc is kept or of any change in that place
361	Location of Register of Members
370	Notice of place where an overseas branch register is kept, of any change in that place, or of discontinuance of any register
371	Annual Return
394	Notice of passing of resolution removing an auditor
402	Particulars of a mortgage or charge
404	Particulars for the registration of a charge to secure a series of debentures
404A	Particulars of an issue of secured debentures in a series
405	Certificate of registration Great Britain of a charge comprising property situate there
407	Particulars of a mortgage or charge subject to which property has been acquired
411A	Declaration of satisfaction in full or in part of mortgage or charge
411B	Declaration that part of the property or undertaking charged has been released from the charge or no longer forms part of the company's property or undertaking
413(1)	Notice of appointment of receiver or manager
413(2)	Notice of ceasing to act as receiver or manager
421	Notice to dissenting shareholders
422	Notice to non-assenting shareholders
422(3)	Notice to transferee company by a non-assenting shareholder

461(2)	Notice to company of appointment of receiver or manager
461(2)A	Statement of affairs: in the matter of a debenture
461(2)B	Statement of affairs: in the high court
463	Receiver or manager's abstract of receipts and payments
558	Notice of appointment of liquidator voluntary winding up
558A	Notice of appointment of liquidator voluntary winding up (members)
558B	Notice of appointment of liquidator voluntary winding up (creditors)
558C	Notice of appointment of liquidator: voluntary winding up subject to the supervision of the Court
603a	Application for striking off
603c	Withdrawal of application for striking off
629A	Application by joint stock company for registration under Part XXII of the Companies (NI) Order 1986, and Declaration and related statements
629B	Application by a company which is not a joint stock company for registration Under Part XXII of the Companies (NI) Order 1986, and Declaration and related statements
633	Registration under Part XXII of the Companies (NI) Order 1986 List of members - existing joint stock company
634	Declaration on application by a joint stock company for registration as a public company
635	Registration under Part XXII of the Companies (NI) Order 1986 Statutory Declaration verifying list of member
R7	Application by an old public company for re-registration as a public company
R7a	Notice of application made to the Court for the cancellation of a special resolution by an old public company not to be re-registered as a public company
R8	Declaration by Director or Secretary on application by an old public company for re-registration as a public company
R9	Declaration by old public company that it does not meet the requirements for a public company
BR1	Return delivered for registration of a branch of an overseas company
BR4	Return by a part XXIII company subject to branch registration of change of directors or secretary or of their particulars
641	Return and declaration delivered for registration by a Part XXIII company
642(1)(a)	Return of alteration in the charter, statutes etc of an overseas company (Part XXIII company)
642(1)(b)	Return of alteration in the directors or secretary of an overseas company or in their particulars
642(1)(c)	Return of alteration in the name or addresses of persons resident in NI authorised to

	accept service on behalf of an overseas company
642(2)	Return of change in the corporate name of an overseas company
644A	Name, other than corporate name, under which an overseas company proposes to carry on business in NI
644B	Name, other than corporate name, under which an overseas company proposes to carry on business in NI in substitution for a name previously registered
650(2)	Notice of accounting reference date by a Part XXIII (overseas) company
650 (6)	A Notice by a Part XXIII company of new ARD given during the course of an accounting reference period
650(6)B	Notice by a part XXIII company of new ARD given after the end of an accounting reference period
LLP2	Application for Incorporation of a Limited Liability Partnership
LLP3	Notice of Change of Name of a Limited Liability Partnership
LLP8	Notice of Designated Member(s) of a Limited Liability Partnership
LLP233	Change of accounting reference date of a Limited Liability Partnership
LLP252	Notice of claim to extension of period allowed for laying and delivering accounts - Business interest if a LLP outside the UK, etc
LLP295	Change in situation or address of Registered Office of a Limited Liability Partnership
LLP296a	Appointment of a member to an LLP
LLP296b	Terminating the Membership of a Member of a Limited Liability Partnership
LLP296c	Change of Particulars of a Member of a Limited Liability Partnership
LLP402	Particulars of a mortgage or charge in respect of a Limited Liability Partnership
LLP603a	Application for striking off a Limited Liability Partnership
LLP603c	Withdrawal of application for striking off a Limited Liability Partnership
CIC 36	application to form a community interest company (including form 21 and form 23)
CIC 37	application to convert a company to a community interest company
CIC34	Community Interest Company Report (Simplified and more detailed)
CIC14	Altering the object statement of the memorandum of a CIC
CIC53	Strike off and dissolution of a community interest company

6.4 UK Address Formatting

6.4.1 Introduction

This section illustrates how to use our [paf](#) method to create an address which is formatted in the manner recommended by The Royal Mail, and is suitable for their CleanMail service.

6.4.2 Royal Mail Advice

Royal Mail gives the following advice regarding the correct formatting of an address for use with the CleanMail service. This is paraphrased and will be explained below:-

6.4.2.1 Introduction

Always include a premise element, a thoroughfare element, a locality element and the Postcode.

6.4.2.2 Premises

After the addressee, always include at least one of the listed elements, so that a single deliver point is defined.

6.4.2.3 Thoroughfare

There are three possible things for you to do depending on what thoroughfare elements:-

- *No thoroughfare means you don't have to include anything in this part of the address*
- *A thoroughfare but not a dependent thoroughfare means you include the thoroughfare*
- *Both a dependent thoroughfare and a thoroughfare mean you include the former. Include both if you have space.*

6.4.2.4 Locality

Always include at least one locality element.

Print the Post town in title case – for example Birmingham – on a single line on its own and the rest of the address either in capital letters, or a mix of capital and non-capital letters.

Always ensure that the Post town and Postcode are on separate lines.

6.4.2.5 Postcode

Always include the full and accurate Postcode.

Where possible please ensure that each address element is on a separate line, with the Postcode, in capitals, included as the last line of the address.

The Post town and the Postcode may be jointly on the last line of the address provided that the Post town precedes the Postcode and the space between the two elements is one or two character spaces.

Any other text which could be construed as an address must be avoided.

Please do not underline or punctuate the postcode.

Always put two character spaces between the two parts of the Postcode. The first part (i.e. YO10) is the outward code, the second (i.e. 5NP) is the inward code.

6.4.3 T2A Address Record Relevant Components

The [address](#) response structure includes the PAF components that enable T2A users to format the address with more freedom than when using our pre-formatted fields.

The current components are:-

Element	Description
premises	This is the “raw” building number.
building	This is the “raw” building name.
organisation	This is the “raw” organisation name
street	This is the “raw” element returned which is known as the thoroughfare.
street2	<p>This is the “raw” element returned which is known as the dependent thoroughfare.</p> <p>In a formatted address, this would appear before the thoroughfare, for example, street2 (the dependent thoroughfare) is the former:-</p> <p><i>Pudding Row</i> <i>Heslingbottom Road</i></p>
place	The place.
town	The town.
postcode	The UK postal code, formatted to include the space.

Use the *premises* and/or *building* elements to create the single delivery point. Generally, a premises number which indicates sub-division of a property, such as “62c”, is returned in the building element.

If the *building* element meets one or more of the criteria below, append the thoroughfare information on the same line.

- The first and last characters are numeric (e.g. ‘1to1’, ‘102-105’)

- The first and penultimate characters are numeric and the last character is alphabetic (e.g. '12a')
- The building name has only one character (e.g. 'A')

6.4.4 Address Formatting Examples

6.4.4.1 Address Example 1

Example [address](#) response elements:-

Element	Contents
premises	<i>16</i>
building	
organisation	
street	<i>Magic Lane</i>
street2	
place	<i>Heslingbottom</i>
town	<i>York</i>
postcode	<i>YO10 0QQ</i>

Correctly formatted address:-

16 Magic Lane
Heslingbottom
York
YO10 0QQ

6.4.4.2 Address Example 2

Example [address](#) response elements:-

Element	Contents
Premises	
building	<i>17c</i>
organisation	<i>Green Pies Ltd</i>
street	<i>Magic Lane</i>
street2	
place	<i>Happytown</i>
town	<i>Dunney-Behind-The-Forest</i>
postcode	<i>YO10 3XX</i>

Correctly formatted address:-

Green Pies Ltd

17c Magic Lane

Happytown

Dunney-Behind-The-Forest

YO10 3XX

6.4.4.3 Address Example 3

Example [address](#) response elements:-

Element	Contents
Premises	14
building	Flat 4 Dumb Terrace
organisation	Mystic Squirrel
street	Imagination Avenue
street2	Back Street
place	Grassdown
town	Mudup
postcode	YO10 3ZZ

Correctly formatted address version 1:-

Mystic Squirrel
Flat 4 Dumb Terrace
14 Back Street
Imagination Avenue
Grassdown
Mudup
YO10 3ZZ

Correctly formatted address version 2 (the dependent thoroughfare – *street2* – **must** be included, but the thoroughfare – *street* – may be removed to save space.

Mystic Squirrel
Flat 4 Dumb Terrace
14 Back Street
Grassdown
Mudup
YO10 3ZZ

6.4.4.4 Address Example 2

Example [address](#) response elements:-

Element	Contents
Premises	
building	<i>17c</i>
organisation	<i>Green Pies Ltd</i>
street	<i>Magic Lane</i>
street2	
place	<i>Happytown</i>
town	<i>Dunney-Behind-The-Forest</i>
postcode	<i>YO10 3XX</i>

Correctly formatted address:-

Green Pies Ltd

17c Magic Lane

Happytown

Dunney-Behind-The-Forest

YO10 3XX

6.4.4.5 Address Example 4

Example [address](#) response elements. Note that there are no thoroughfare elements, but the *building* and *organisation* elements give a single delivery point.

Element	Contents
Premises	
building	<i>Biggest Company HQ</i>
organisation	<i>The Biggest Company Ltd</i>
street	
street2	
place	<i>Wetlands</i>
town	<i>York</i>
postcode	<i>YO10 0TA</i>

Correctly formatted address:-

The Biggest Company Ltd

Biggest Company HQ

Wetlands

York

YO10 0TA

