



Equifax Developer Portal

User Guide

Version 2.2
January 2022

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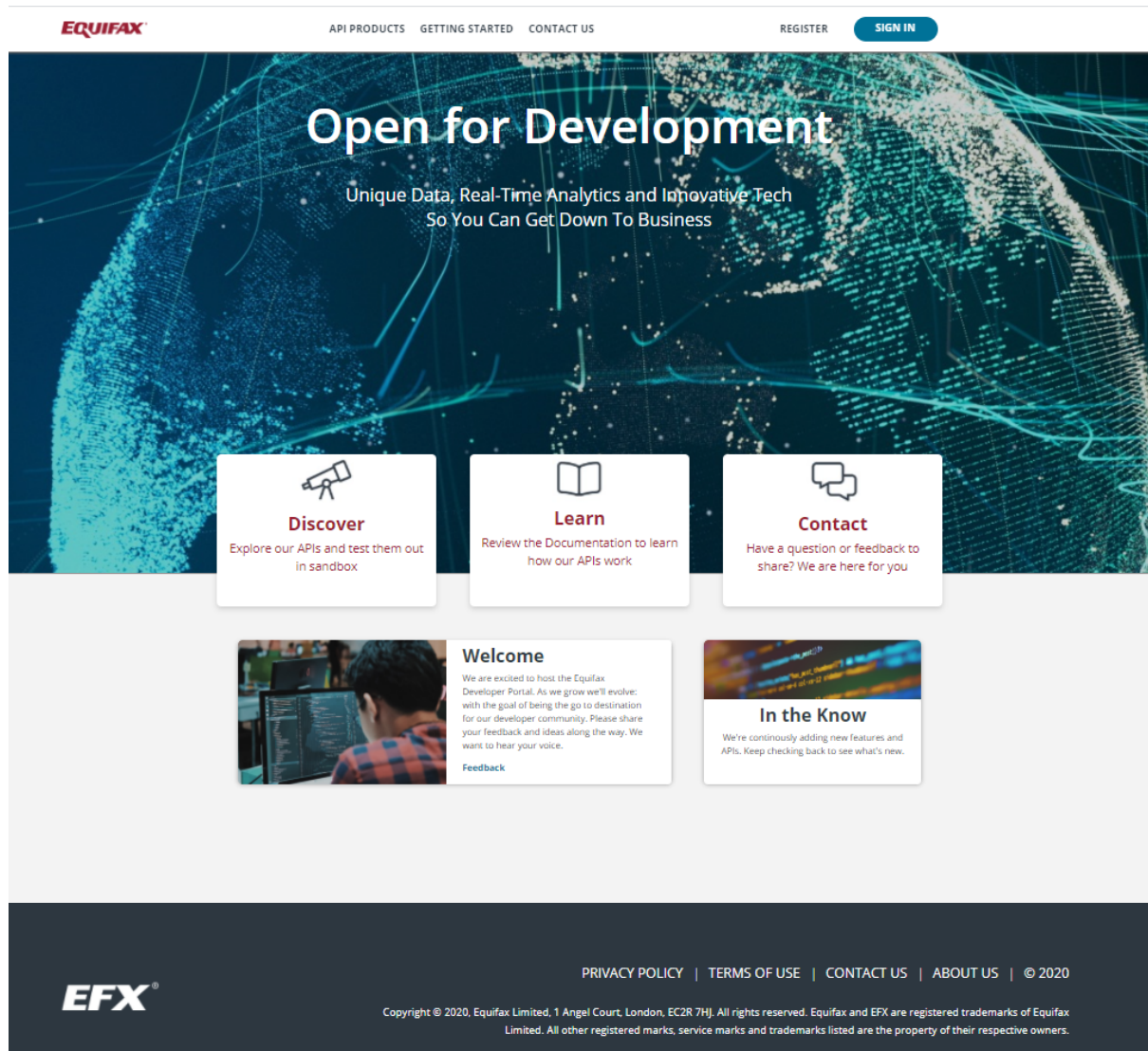
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1.1	19/11/2020	Rebranding & updates	PE	SH	
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For updates to this document please contact philip.england@equifax.com

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Introduction to Equifax Developer Portal



The Equifax Developer Portal provides access to a number of Equifax APIs, allowing developers to:

- Download API Specifications.
- Subscribe to a Product to register a new Application
- Test their Application in a Sandbox environment
- Promote their Application to UAT
- Promote their Application to 'Live' status.

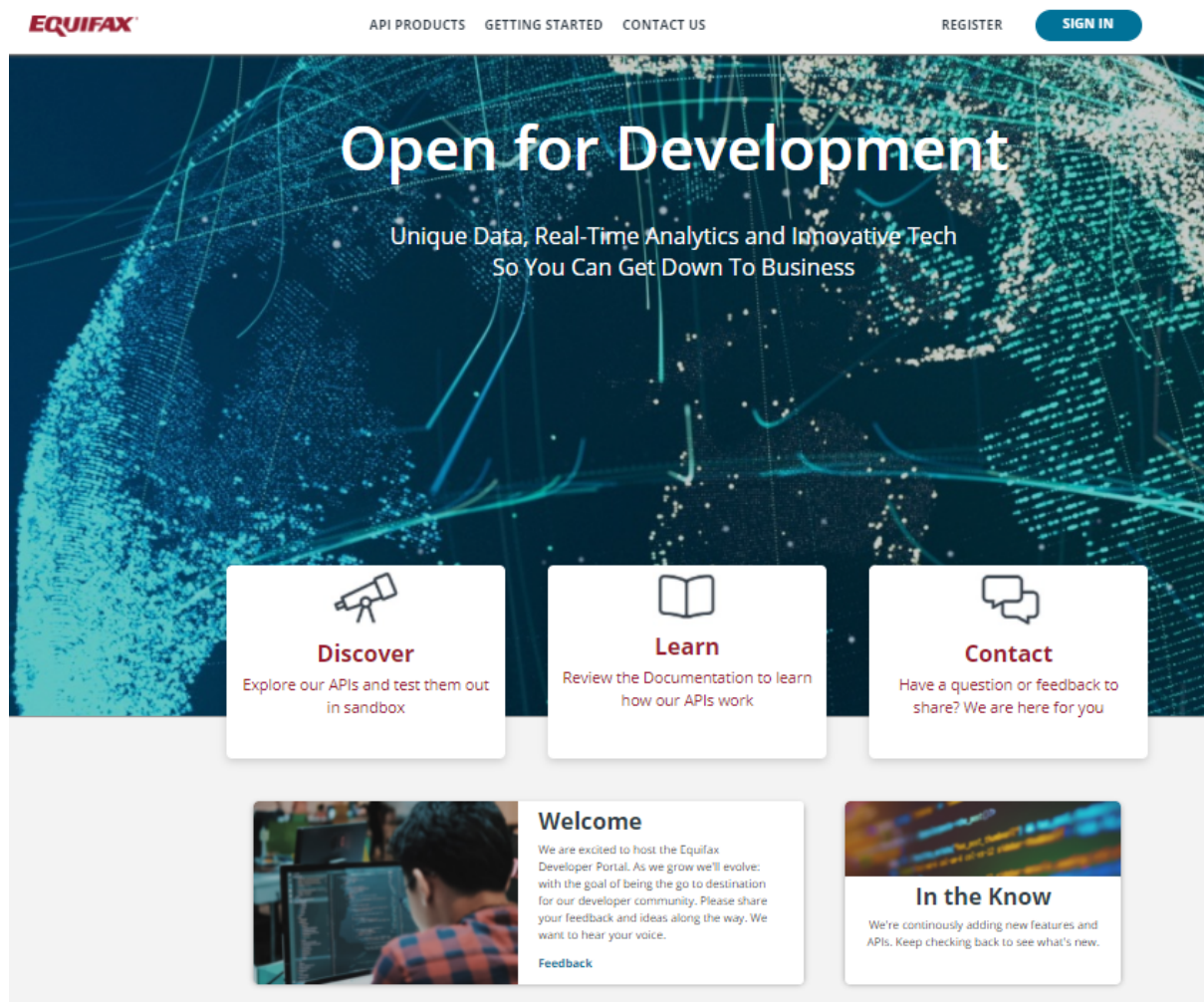
Initially one individual can register and they will become the App creator, they will then be able to invite other developers from their Company to use the portal as collaborators. The portal is designed to give quick and easy access to these functions, however some activities such as promoting to UAT and Live will require behind the scenes activities by a number of teams at Equifax.

This guide is designed to step you through the process from Registration to Promoting an Application to Live.

Portal Home Page

Portal Logon

Equifax Developer Portal is a browser based tool which is accessed via a secure internet connection. Login via - <https://developer.equifax.co.uk>



The Home page has a number of links and shortcuts which will assist you in learning more about the Portal. At the top left of the page you will find the following links.

API Products – This will link to a Page where you can see a list of the Available API Products. You can access the same page by Clicking on the ‘Discover’ panel.

Getting Started – This will open a Page describing the process of using the portal from registration to Go Live. You can access the same page via the ‘Learn’ panel.

Contact Us – This provides an email form where you can send any questions or issues to the Equifax team for us to look into and respond. Mandatory fields on this screen are marked with an asterisk. You can access the same page via the 'Contact' panel or the Feedback link in the Welcome panel.

In the Top right are 2 more links.

Sign In – Used to access the system once you have initially registered.

Register - Used to create your account when you start using the portal.

At the bottom of the Home page you will find links to additional information such as the *Terms of Use* and *Privacy Policy*.

Getting Started

Before you begin setting up and using the Developer Portal, it is strongly recommended that you read the information on the **Getting Started** page. As well as providing an overview to the process, this page also contains links to useful tools such as Swagger and Postman.

API PRODUCTS

GETTING STARTED

CONTACT US

REGISTER

SIGN IN

Getting Started Guide

Getting Started Guide

Getting Started

Register for an Account

Create an Application

Experiment in Sandbox

Promote to Test

Go Live

Roles & Permissions

Product Types

Product Documentation

Product Overview

API Reference

Additional API Documents

Security Standards

Authorization

OAuth 2.0 Grant Type

Client ID and Client Secret

Access Token

Environments

Access requirements

Sandbox

Test

Live

Versioning

Getting Started

Register for an Account

After you register for an account, you'll receive an Activate Account email and be prompted to create a password. Then, as a signed-in account owner, you'll be able to perform the following activities:

- View Product Overview information and API Reference documentation.
- Create apps and invite collaborators to join.
- Get credentials (Client ID and Client Secret) for sandbox testing (for the products that support this).
- Promote your apps.

NOTE: If you're planning (or even considering) to "Go Live," contact us to discuss our requirements for access and integration so we can help get the process started and keep you moving along at your pace.

Create an Application

- To create an app, [Sign In](#). Your Dashboard page opens.
- In the "Create New Application" section, give your app a name and an optional description, then click "Next".
- Select the API Products you want to include in your app, then click the "Add" button. **Always include "Security Service"**. Your app will appear on its own page where you can manage everything from one centralised location.

Experiment in Sandbox

Ready to see the API in action? Generate simulated results using our test data in the Sandbox:

- Access the IdAMS credentials from the App page (accessed via the Dashboard)
- You *might* need to add a certificate into Postman, if you are using it. [Click here](#) for instructions.
- Code and test the responses using the provided test data. The downloadable file for Postman (available from <https://www.getpostman.com/>) includes a description file to explain which requests will return which responses (for example, how to return an error message)

Don't forget that you have the flexibility to **invite and manage collaborators** for each of your apps - do this from the bottom-right corner of the app details screen.

Promote to Test

- When you're ready to promote your app to the test environment, click the "Test" tab in the **Credentials & Details** panel on your app page.
- Enter (and manage) your **whitelisted IPs** at any point - until you go live. This is an Equifax Security requirement to have the IP ranges for your systems which will be calling the APIs.
- Select your **Targeted Go Live** date and submit your request.
- Your request and app details will be sent to the Equifax product teams for review.

Portal Setup

Developer Portal Registration

To register to use the service, click on the '**Register**' link on the top right of the screen. This will open the Registration screen as shown below.

EQUIFAX API PRODUCTS GETTING STARTED CONTACT US REGISTER SIGN IN

Register

First Name
Philip

Last Name
England

Company
Galactic Bank

Type of Company
Registered on Companies House

Email Address
philip.england+galacticbank@equifax.com

✓

☒ I agree with the [Terms of Use](#) and the [Privacy Policy](#)

✓ I'm not a robot reCAPTCHA

REGISTER

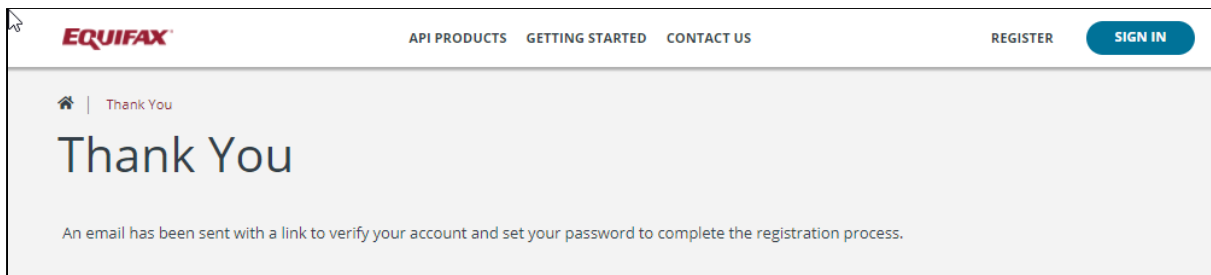
Now complete all the fields and then tick the terms of use and verification box before

clicking on

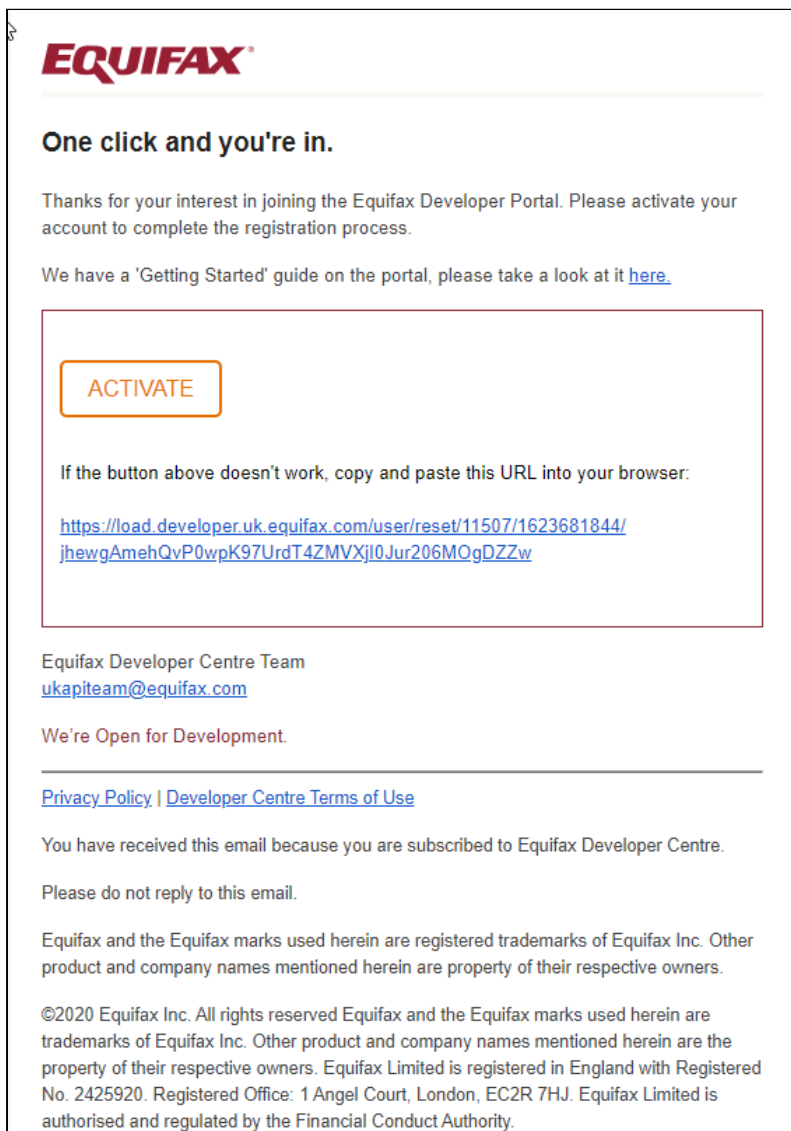
REGISTER

Note - the email address registered for a user can only be registered once.

A confirmation message will be displayed, as shown below.



This informs you that an email has been sent to your registered email address, which will enable you to verify your account and set your password. The email will be similar to the one shown below.



You should now **Click on Activate**. This will open the *Choose A New Password* page

Create New Password

NEW PASSWORD

Password strength:

CONFIRM NEW PASSWORD

Passwords match:

SAVE **CANCEL**

Your Password should meet the following criteria.

- At least 12 characters long
- Contain uppercase letters
- Contain lowercase letters
- At least 1 number
- Contain punctuation

As you meet these criteria creating your password, the password strength bar will grow and the items met will vanish

Once password and confirmation password match, **Click on Save.**

You will now be taken to the Sign In screen where you will be able to use your new credentials to access the system. This is the screen you will use to sign into the portal hereafter via the **Sign In** option - top right.

EQUIFAX API PRODUCTS GETTING STARTED CONTACT US REGISTER **SIGN IN**

Sign-In

Company Email

Password

[Forgot Password?](#) **Sign-In**

Need an account? [Register Here.](#)

This will take you to the Development Portal Dashboard as shown below. You will see your first name in the top right of the screen - indicating you are logged in.

EQUIFAX DASHBOARD API PRODUCTS GETTING STARTED CONTACT US Hello, Philip

Dashboard

Steps to Get Started

- Explore API Products
- Create an App
- Test in Sandbox
- Access UAT/Test
- Go Live

Partner Product Access Code (Optional)
If you've been given a Partner Product Access Code, enter to gain access to a Partner Product that's not publicly available.

(Optional)

Submit

Create New Application

Application Name ^①

Type ^① Standard STS

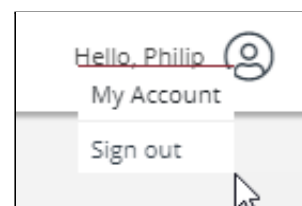
Description ^① (Optional) 0/120

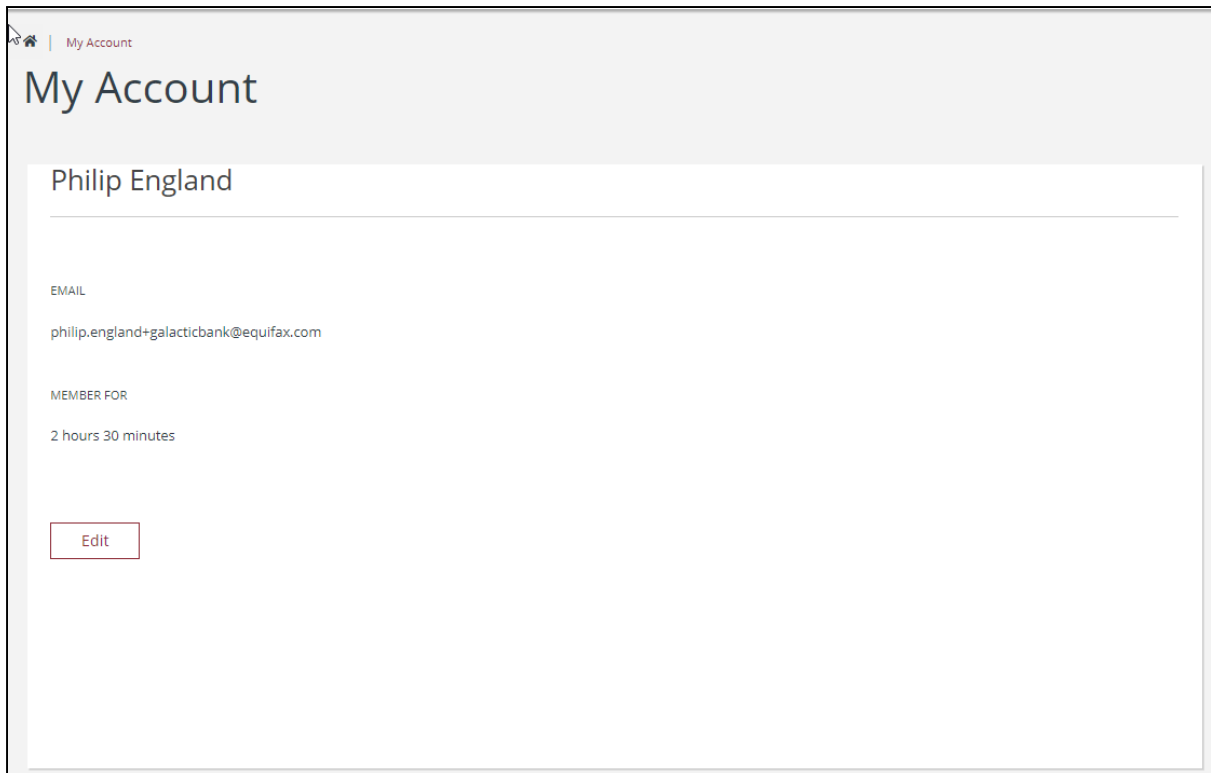
Next

The main part of the screen displays the development journey of an API from Exploring available products through to Go Live. Selecting any of these panels will link you to that stage of the process.

My Account and Sign Out

If you move your mouse pointer over your user name, options for **My Account** and **Sign Out** will become available. If you select the first of these you will see the following screen displaying your user details.





My Account

Philip England

EMAIL

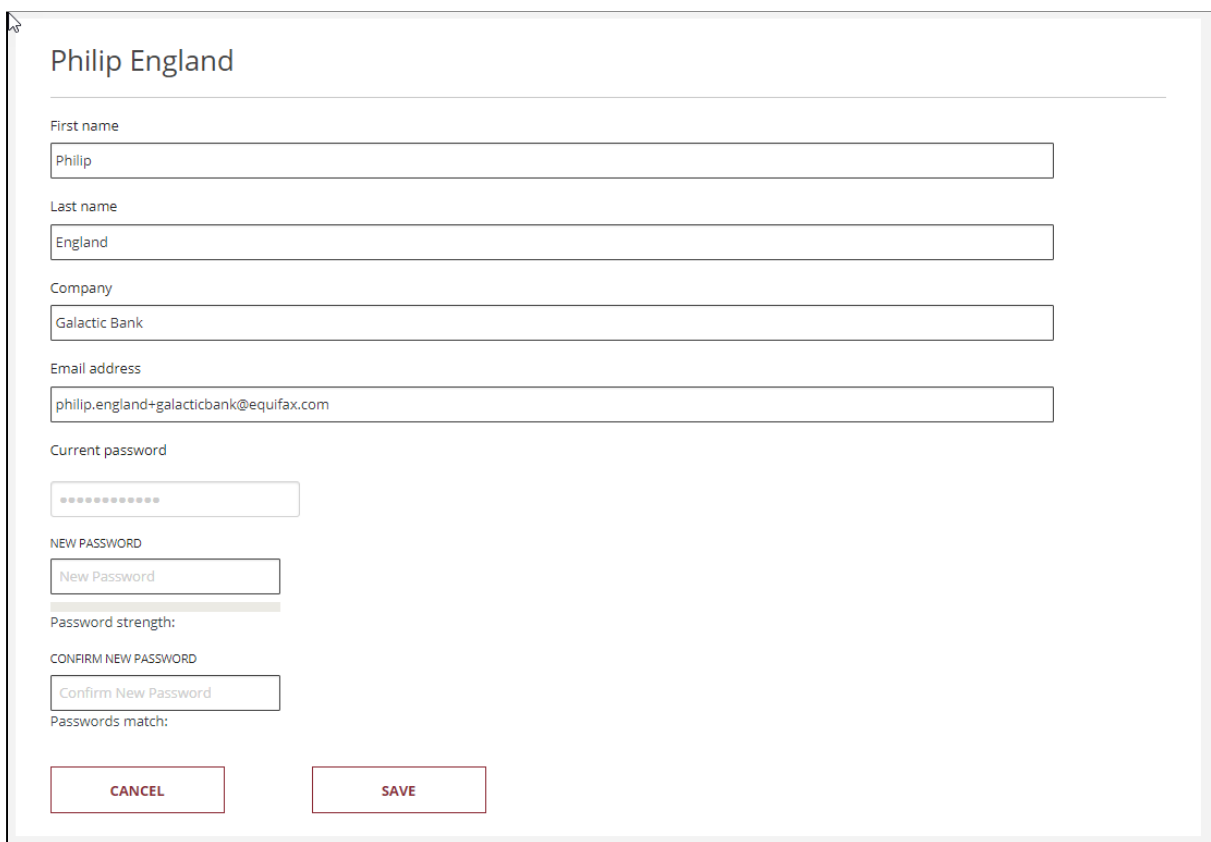
philip.england+galacticbank@equifax.com

MEMBER FOR

2 hours 30 minutes

Edit

Selecting **Edit** on this screen will allow you to edit Name Company name and Password details. You will not be able to change the email address you registered.



Philip England

First name

Philip

Last name

England

Company

Galactic Bank

Email address

philip.england+galacticbank@equifax.com

Current password

.....

NEW PASSWORD

New Password

Password strength:

CONFIRM NEW PASSWORD

Confirm New Password

Passwords match:

CANCEL SAVE

Once changes have been made, **Click on Save.**

Explore API Products

API Products

Clicking on the API Products link will open the **API Products** page which will list the available API Products in the categories of Public Products and Private Products.

EQUIFAX DASHBOARD API PRODUCTS GETTING STARTED CONTACT US Hello, Philip

API Products

Public Products

- BillPay**
BillPay AccountServices
BillPay API enables Equifax to support Billing Services across all lines of business. [More](#)
- Business Search and Report**
Real-time insights for the commercial...
Provides a holistic view of your business customers, helping you better respond to and manage a... [More](#)
- Data Manager**
Data Manager is a gateway for Equifax...
Data Manager is a gateway for Equifax clients to retrieve their historic API responses. [More](#)
- Equifax Watchlist Check**
Integrated real time screening and...
Equifax Watchlist Check screens prospective and existing customers against Sanctions, Politically... [More](#)
- Officer Search**
Directorship and appointment...
Officer Search Provides directorship and appointment information for an individual, including live... [More](#)
- Open Banking Insights - Commercial**
Open Banking Insights - Commercial
Equifax offers Open Banking commercial solutions that convert consented transaction data gathered... [More](#)
- Open Banking Insights - Consumer**
Open Banking Insights - Consumer
Equifax offers Open Banking consumer solutions that convert consented transaction data gathered... [More](#)
- Public Sector Gateway**
Public Sector Gateway API allows...
Equifax Public Sector Gateway helps enable clients to: quickly find individuals verify their... [More](#)
- Secure Payment Processing**
Consumer Payment Gateway Services
Enables Equifax to support Payments Services across all lines of business. [More](#)
- Security Service**
A suite of APIs for generating access...
A suite of APIs for generating access tokens and resetting your Client Secret. [More](#)

To view the details of an API, you can either **Click** on the **API name** or the **'More'** link associated with it.

This will open the API overview page as shown below.

API Overview

The screenshot shows the Equifax Business Search and Report API Overview page. The top navigation bar includes the Equifax logo, a home icon, and links for DASHBOARD, API PRODUCTS, GETTING STARTED, and CONTACT US. A user greeting 'Hello, Philip' with a profile icon is on the right. The breadcrumb trail shows 'API Products' and 'Business Search and Report'. The main heading is 'Business Search and Report' with the subtitle 'Real-time insights for the commercial lending and credit market'. Below this are three tabs: 'Overview' (selected), 'API Reference', and 'Additional API Docs'. The 'Overview' section contains a description of the service, a 'Benefits' section with three items (RELIABLE, COMPREHENSIVE, ACTIONABLE INSIGHTS), a 'Key Features' section with four items (Inform your business credit decisions, Reduce cost of manual underwriting or AML checks, Online application processing, Gain vital data insights), and a 'Use Cases' section with a list of three items (Business credit decisions, Regulatory compliance checks, Customer management evaluation).

EQUIFAX DASHBOARD API PRODUCTS GETTING STARTED CONTACT US Hello, Philip

API Products Business Search and Report

Business Search and Report

Real-time insights for the commercial lending and credit market

Overview API Reference Additional API Docs

Business Search & Report forms part of the Equifax Business Insights service, and provides a delivery mechanism for business entity data including raw data, scores and related characteristics formed from a number of relevant data sources.

Benefits

- RELIABLE**
Equifax is the trusted source of highly configurable commercial insights
- COMPREHENSIVE**
Delivers Commercial Credit Data Sharing (CCDS), which is an extensive repository of credit performance data that offers lenders granular and up-to-date financial information on UK businesses
- ACTIONABLE INSIGHTS**
Increased depth of information on which to base lending decisions Real-time data helps improve the speed of application processing and decisions

Key Features

- ✓ Inform your business credit decisions
Equifax Business Insights provides a depth of insight on the business allowing you to make better informed, robust and profitable lending decisions
- ✓ Reduce cost of manual underwriting or AML checks
With access to granular real-time commercial insights, this increased insight will help you reduce the reliance on costly manual processes, leading to increased profitability
- ✓ Online application processing
The delivery of real-time data facilitates online processing helping to speed up and standardise your customer boarding processes while also reducing reliance on costly manual processes.
- ✓ Gain vital data insights
Equifax Business Insights provides data insights, characteristics and scores which can be used to power scorecards providing you with a tailored and holistic view of your business customers.

Use Cases

The Equifax Business Insights services can be used to inform:

- Business credit decisions
- Regulatory compliance checks
- Customer management evaluation

This page describes the API in terms of a description of what it does, the benefits, key features and the likely Use case for the API.

To view more technical information and download the API specification, **Click** on the **API reference** tab at the top of the document.

To return to the API products page you can use the links at the top of the page.

API Reference

The **API Reference** Tab will describe the nature of the API, list parameters and results, responses and provide an option to download the OpenAPI specification.

[DASHBOARD](#)
[API PRODUCTS](#)
[GETTING STARTED](#)
[CONTACT US](#)

Hello, Philip

[API Products](#)
[Business Search and Report](#)

Business Search and Report

Real-time insights for the commercial lending and credit market

[Overview](#)
[API Reference](#)
[Additional API Docs](#)

Authentication

BUSINESS SEARCH >

BUSINESS REPORTS >

HEALTH API >

Business Search and Business Report (1.2-oas3)

Download OpenAPI specification:
[Download](#)

API Support Team: UKAPITeam@equifax.com

This specification covers the Business Search and Business Report APIs provided within the Equifax Business Insights product.

[Run in Postman](#)

Authentication

Authorization

SECURITY SCHEME TYPE	API Key
HEADER PARAMETER NAME:	Authorization

BUSINESS SEARCH

Search for companies

[GET](#) /companies

This API allows clients to search for businesses that are registered at Companies House and also others that Equifax have business numbers for. To use this API one of the following parameters is required: companyName, companyId or postcode

COMPANYID	COMPANYNAME	POSTCODE	SEARCHTYPE	RESULTS
Yes	Yes or No	Yes or No	Yes or No	Results by companyId (include parameters ignored)
No	Yes	No	No	Results by companyName (searchType defaults to startsWith)
No	Yes	Yes	No	Results by companyName (searchType defaults to startsWith)
No	Yes	No	Yes	Results by companyName
No	Yes	Yes	Yes	Results by companyName filtered by postcode
No	No	Yes	No	Results by postcode
No	No	Yes	Yes	Results by postcode (searchType ignored)
No	No	No	No	400 Bad Request (one of companyId, companyName or postcode must be provided)
No	No	No	Yes	400 Bad Request (one of companyId, companyName or postcode must be provided)

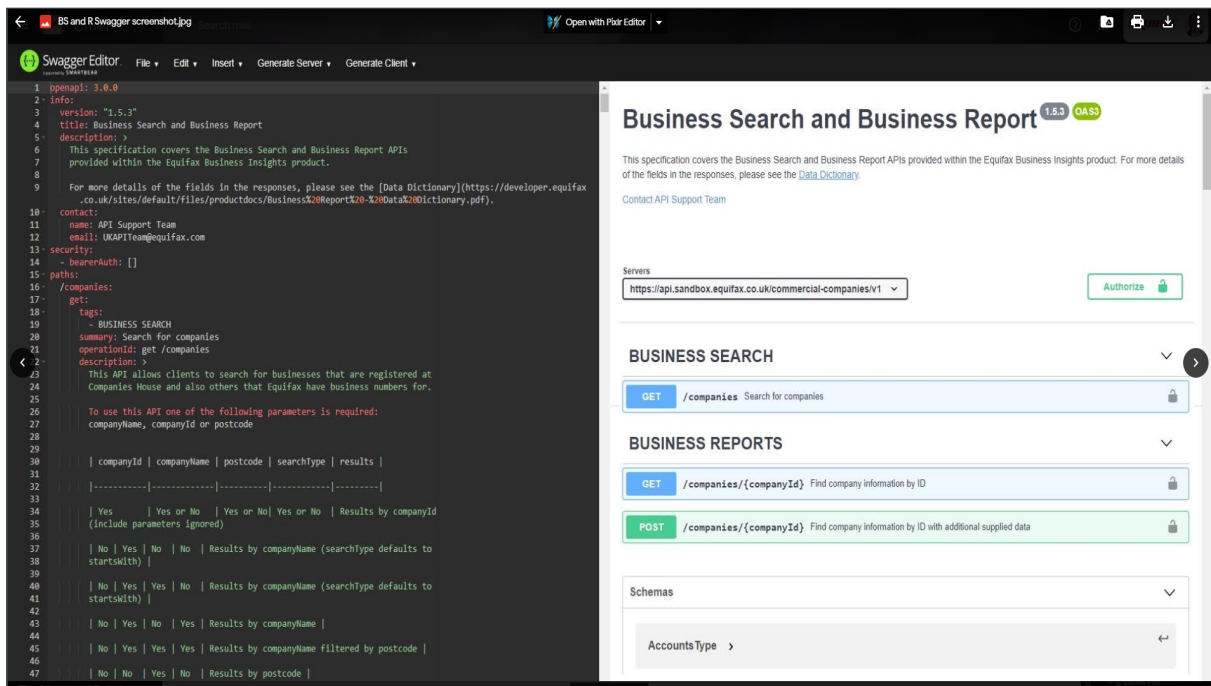
- Yes indicates that a value has been provided for the named parameter.
- No indicates that no value has been provided for the named parameter.
- Successful calls in the table above can be filtered by setting any of the include parameters listed below (excluding companyId search).

There is an option to run this using Postman, a collaboration platform for testing API's.

Downloading an API specification

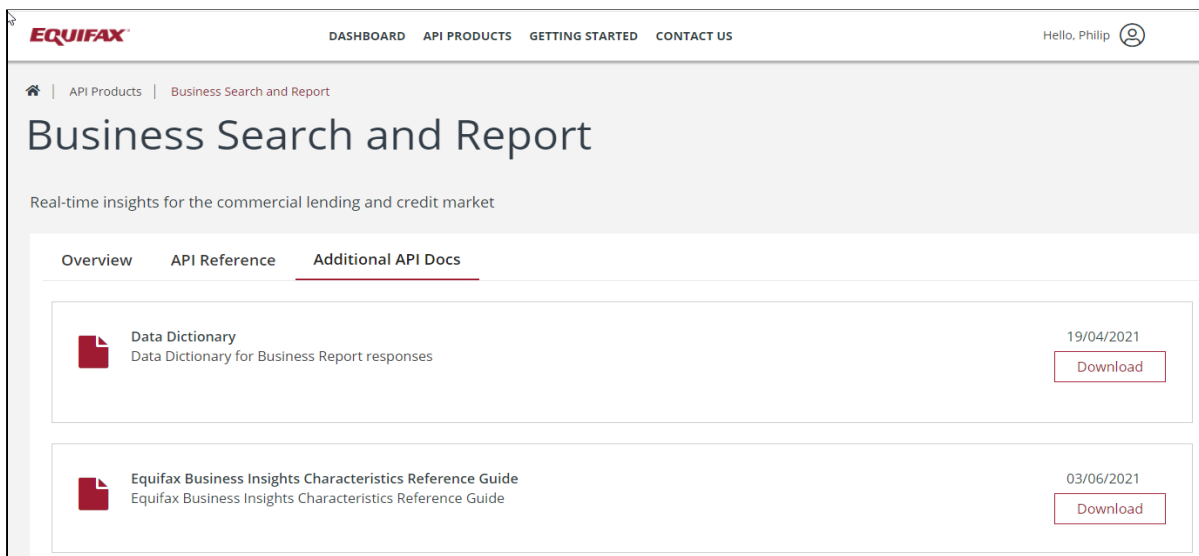
To Download the OpenAPI specification **Click on** [Download](#)

This will drop a YAML file onto your footer bar in the bottom left. This file can be opened with an API development application such as **Swagger** (See Getting Started for link to download this free tool).



Additional API Docs

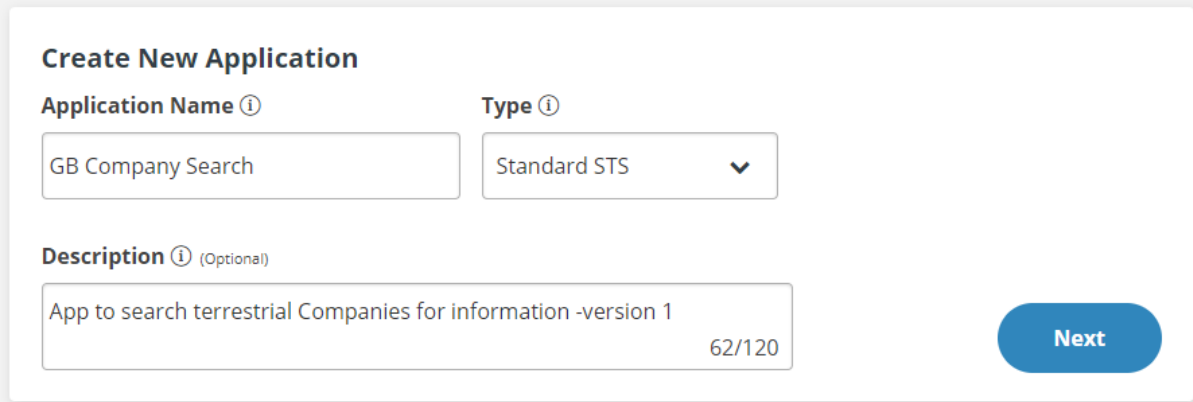
Some API's will have additional information in the form of documentation that you can download via this tab.



Create an App

Create New Application

To create a new Application, navigate to the Dashboard and then complete the New application section in the bottom right of the screen.



The 'Create New Application' form is displayed within a light gray border. It features a title 'Create New Application' at the top left. Below the title are two input fields: 'Application Name' with a help icon and 'Type' with a help icon and a dropdown arrow. The 'Application Name' field contains the text 'GB Company Search'. The 'Type' dropdown shows 'Standard STS'. Below these is a 'Description' field with a help icon and '(Optional)' text. The description field contains 'App to search terrestrial Companies for information -version 1' and a character count '62/120'. A blue 'Next' button is located at the bottom right of the form.

Create New Application

Application Name ⓘ

GB Company Search

Type ⓘ

Standard STS ▼

Description ⓘ (Optional)

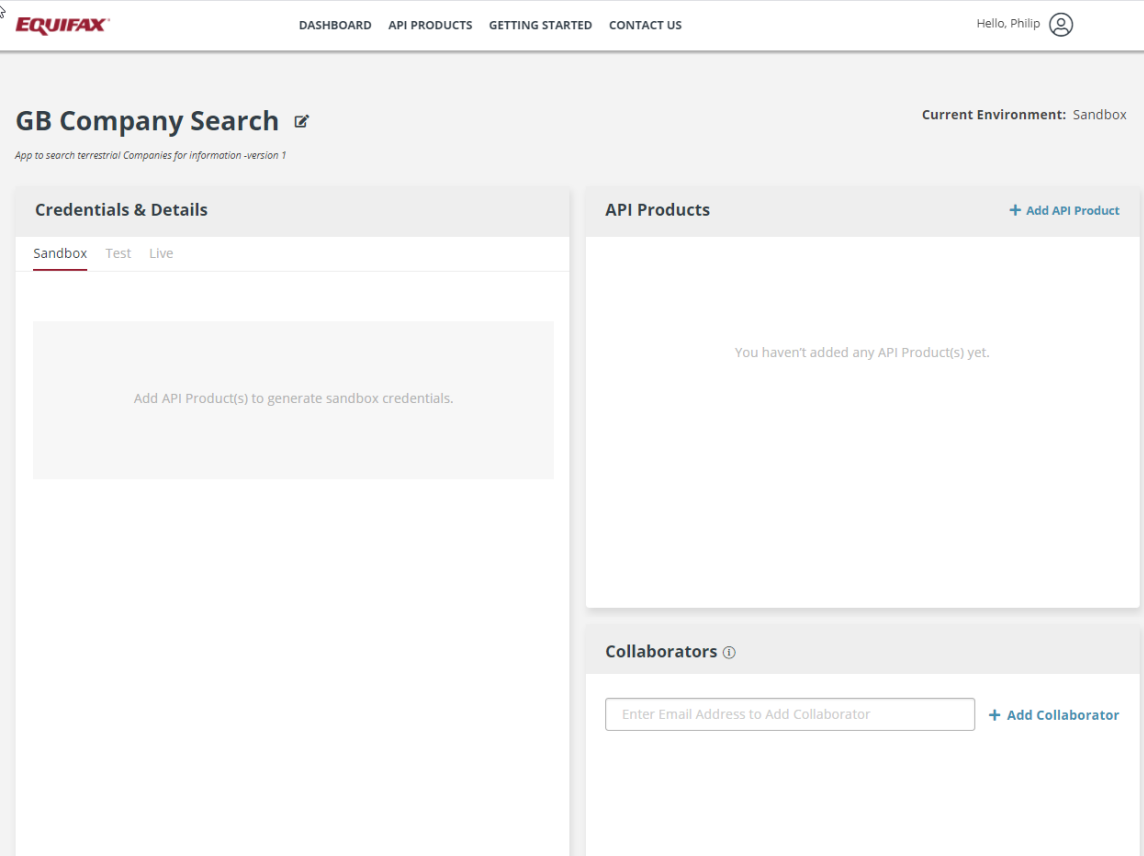
App to search terrestrial Companies for information -version 1 62/120

Next

When complete, **Click** on

Next

The **Application Details** page will be displayed, initially this will be blank as shown below. This App is now in the Sandbox.



The 'Application Details' page is shown within a light gray border. At the top is the Equifax logo and navigation links: 'DASHBOARD', 'API PRODUCTS', 'GETTING STARTED', and 'CONTACT US'. On the right, it says 'Hello, Philip' with a user icon. The main heading is 'GB Company Search' with an edit icon. Below the heading is the subtitle 'App to search terrestrial Companies for information -version 1'. To the right, it says 'Current Environment: Sandbox'. The page is divided into three sections: 'Credentials & Details' with tabs for 'Sandbox', 'Test', and 'Live'; 'API Products' with a '+ Add API Product' button and a message 'You haven't added any API Product(s) yet.'; and 'Collaborators' with a help icon, an input field 'Enter Email Address to Add Collaborator', and a '+ Add Collaborator' button.

EQUIFAX DASHBOARD API PRODUCTS GETTING STARTED CONTACT US Hello, Philip ⓘ

GB Company Search ⓘ

App to search terrestrial Companies for information -version 1

Current Environment: Sandbox

Credentials & Details

Sandbox Test Live

Add API Product(s) to generate sandbox credentials.

API Products + Add API Product

You haven't added any API Product(s) yet.

Collaborators ⓘ

Enter Email Address to Add Collaborator + Add Collaborator

Add API Product(s) to your Application

You will next need to add an API product by using the [+ Add API Product](#) link in the top right of the page. This will load the **Add API Products** page as shown below.

Add API Products

Select the product(s) you'd like to add to your app and click "Add". Please Note: Only the products supported by the Type you selected will be listed below.

☐ **BillPay**
BillPay Account Services
BillPay API enables Equifax to support Billing Services across all lines of business.
[More](#)

☐ **Business Search and Report**
Real-time insights for the commercial lending and credit market
Provides a holistic view of your business customers, helping you better respond to and manage a broad range of issues across lending and credit application processing, regulatory compliance, risk management, credit control, credit capacity and customer ma
[More](#)

☐ **Data Manager**
Data Manager is a gateway for Equifax clients to retrieve their historic API responses.
Data Manager is a gateway for Equifax clients to retrieve their historic API responses.
[More](#)

☐ **Officer Search**
Directorship and appointment information for an individual.
Officer Search Provides directorship and appointment information for an individual, including live and previous appointments.
[More](#)

☐ **Open Banking Insights - Commercial**
Open Banking Insights - Commercial
Equifax offers Open Banking commercial solutions that convert consented transaction data gathered through the open banking into actionable insights. Our solutions can be seamlessly embedded as part of your customer journey and can be fed into your own dec
[More](#)

☐ **Open Banking Insights - Consumer**
Open Banking Insights - Consumer
Equifax offers Open Banking consumer solutions that convert consented transaction data gathered through the open banking into actionable insights. Our solutions can be seamlessly embedded as part of your customer journey and can be fed into your own decis
[More](#)

☐ **Secure Payment Processing**
Consumer Payment Gateway Services
Enables Equifax to support Payments Services across all lines of business.
[More](#)

☐ **Security Service**
A suite of APIs for generating access tokens and resetting your Client Secret.
A suite of APIs for generating access tokens and resetting your Client Secret.
[More](#)

☐ **Equifax Watchlist Check**
Integrated real time screening and online case reviews
Equifax Watchlist Check screens prospective and existing customers against Sanctions, Politically Exposed Persons and their Relatives and Close Associates, and Special Interest lists while minimising false positive matches
[More](#)

ADD

Cancel

Select the API product(s) you want to add to your APP by ticking the box next to each API product name.

NOTE - Unless you are only using the "Equifax Gateway (XML Consumer)" product, then you must always include the "Security Service" product in your selections to access the Identity Access Management Systems (IdAMS)

When done **Click on**

ADD

You will then be returned to the **Application Details** page, where the Credentials and Details section and the API Products section will now be populated. Note that the app is shown as in 'Sandbox', with 'Test' and 'Live' still greyed out.

An example is shown below.

GB Company Search

App to search terrestrial Companies for information -version 1

Current Environment: Sandbox [Promote to Test](#)

Credentials & Details

Sandbox Test Live

Auto-Generated Token

To test in sandbox, use this static Access Token with each product's scope.

.....

Expires at: 9:13 am UK Time

Manually Generated Token

If you prefer to manually generate the Access Token, copy and paste the Client ID and Secret.

Client ID

.....

Client Secret

.....

API Products

[+ Add API Product](#)

Click on the Product name to view the product details and spec

Business Search and Report

Base live URL

Security Service

Base live URL

Collaborators

[+ Add Collaborator](#)

philip.england+GBCEO@equifax.com

These sections contain icons as detailed below.



This icon will allow you to switch between a hidden view or detailed view of the credentials.



This icon will copy the contents of the field to your clipboard.




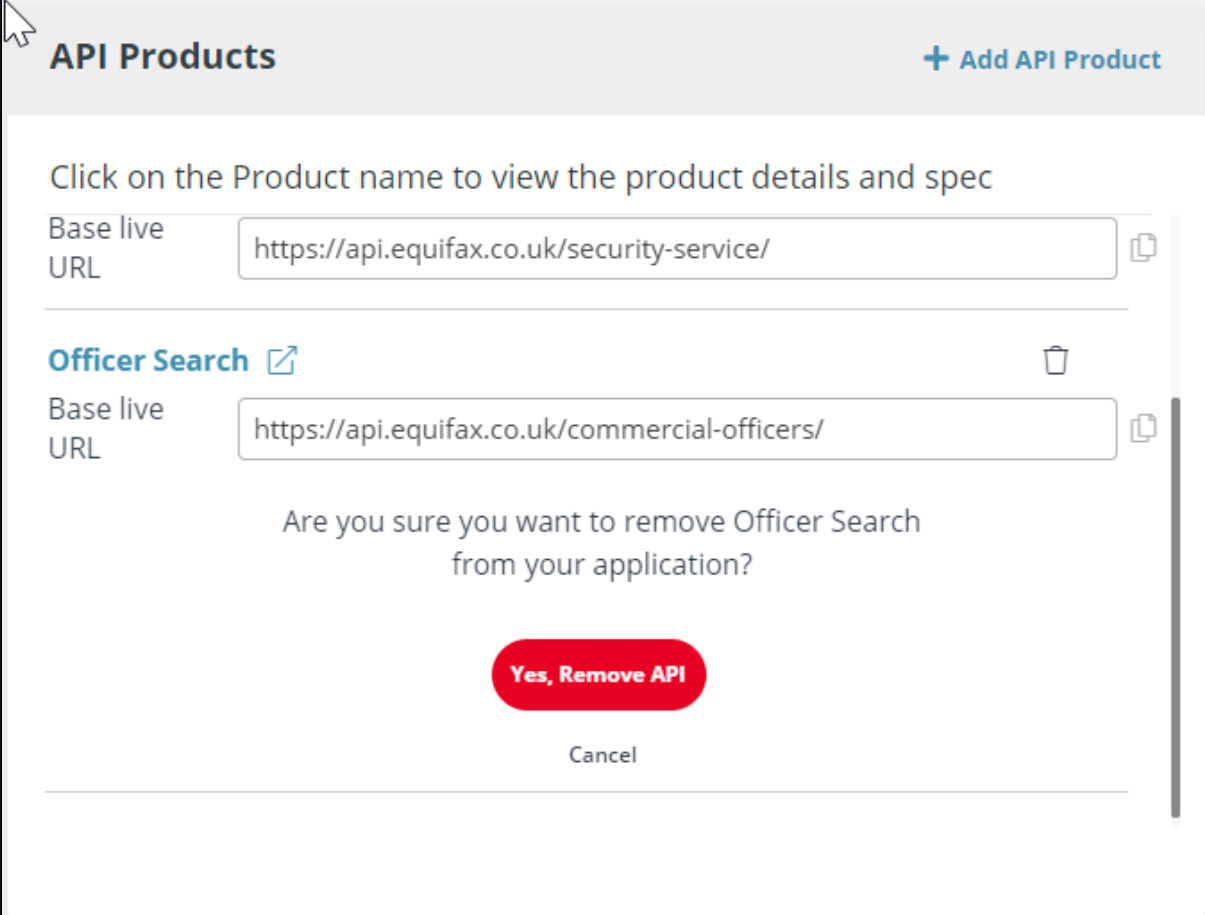
This icon will remove the selected API Product from your Application.







This icon will take you to the API reference page of the API

Removing an API Product(s) from your Application


If you want to remove an API product you have selected from your application, you can do this by clicking on the  icon next to its name.



The screenshot shows a web interface titled "API Products" with a "+ Add API Product" button in the top right. Below the title, there is a instruction: "Click on the Product name to view the product details and spec". The interface lists two API products:

- Base live URL**: 
- Officer Search**  
- Base live URL**: 

Below the list, a confirmation message is displayed: "Are you sure you want to remove Officer Search from your application?". At the bottom of the dialog, there are two buttons: a red button labeled "Yes, Remove API" and a gray button labeled "Cancel".

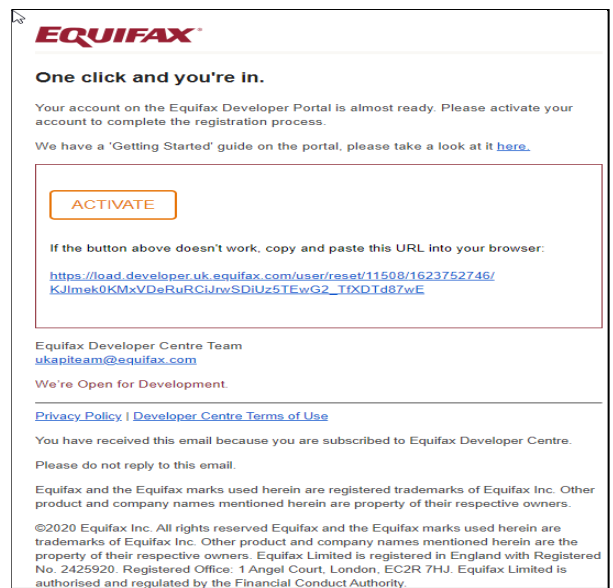
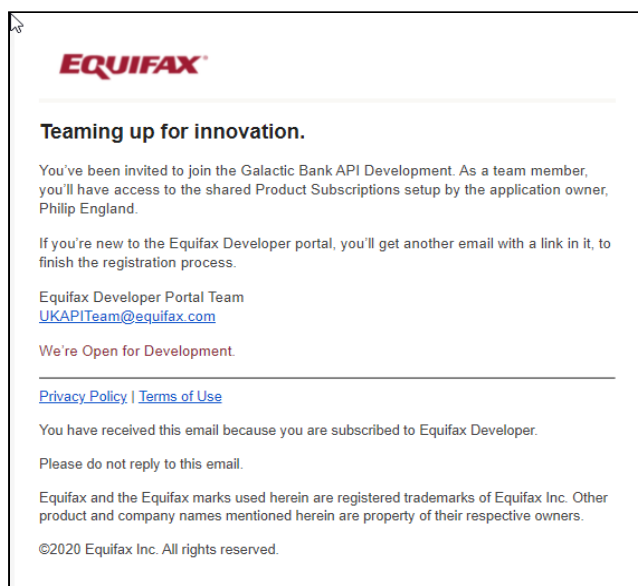
To confirm removal, Click on 

Adding Collaborators to your Application

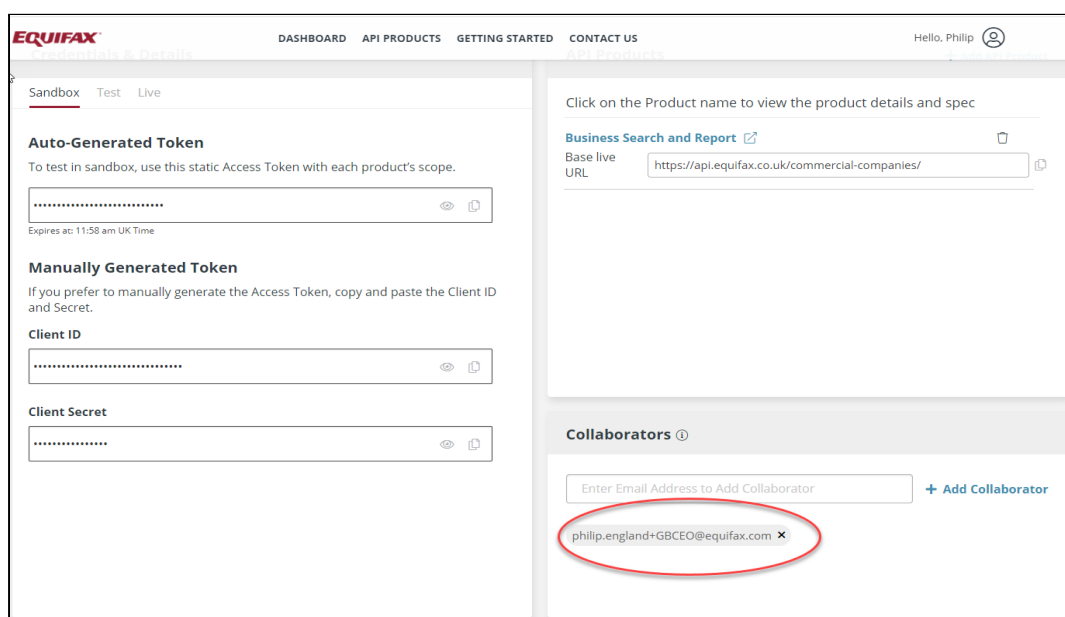
If you want to involve others from your organisation in the testing process of your API, you can invite them to participate as Collaborators. Collaborators can access but not edit your app details and credentials. They can be added and removed at any stage of your app's development journey.

To invite simply fill in their email address details and **Click** on **+ Add Collaborator**

They will receive an invitation email and a separate account activation email as shown below.



Collaborators will be listed on the **Application Details** page from where you can also remove them via the X at the end of their email address.



If you return to the Dashboard, your Application will now be shown in the *My Apps* section. You can access it by clicking on the App name. Note that the Environment shows as 'Sandbox.'

The screenshot shows the Equifax Dashboard. At the top, there's a navigation bar with 'DASHBOARD', 'API PRODUCTS', 'GETTING STARTED', and 'CONTACT US'. The user is logged in as 'Hello, Philip'. The main heading is 'Dashboard'. Below it, the 'My Apps' section contains a table with one application:

Name	Description	Type	Environment	Role
GB Company Search	App to search terrestrial Companies for information -version 1	Standard STS	Sandbox	

Below the table, there are two main sections. On the left, 'Partner Product Access Code (Optional)' with a text input field and a 'Submit' button. On the right, 'Create New Application' with fields for 'Application Name', 'Type' (a dropdown menu currently showing 'Standard STS'), 'Description' (with a character count '0/120'), and a 'Next' button.

In the Role column you will see either of the following symbols.



- Indicates you are the creator of the App.



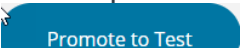
- Indicates you are a collaborator

There is also a section of the Dashboard where you can enter a partner code - this will grant access to specialist partner API's for you to add to your App.

In order to progress with testing of your App, you will now need to promote it to the test environment.

Please note that not all products have a Sandbox, for more details please see the 'API Product' page for each product (see pages 13 and 14 above)

Requesting Promotion to the Test Environment

From the Application Details page, to request the promotion of your App from Sandbox to Test environment – Click on 

Credentials & Details

Sandbox

Test

Live

Request Test Credentials

Make any adjustments to your app and complete the following information to submit your request for Test Credentials.

Targeted Go-Live

Whitelisted IPs

IP	CIDR	IPv	Notes
<div></div>	<div></div>	IPv4	<div></div>
<div>+Add IP</div>			

<

>

Cancel

Submit

You should now enter a target Go-Live date, you can select this from the calendar that is presented in this field. Entry of this target date will assist with the planning of resources at Equifax to help you meet this goal.

Next, please enter an IP address (and CIDR value) which covers all the public IP addresses of your platform that calls the APIs, then click the 'Add IP' button. Multiple IPs and CIDRs can be entered by repeating this process. (IP whitelisting is an Equifax security requirement.)

If you need further assistance on using CIDR please refer to the information in Appendix A of this guide.

Or contact Equifax at : ukapiteam@equifax.com

An example is shown below

The screenshot shows the Equifax GB Company Search dashboard. The top navigation bar includes 'EQUIFAX', 'DASHBOARD', 'API PRODUCTS', 'GETTING STARTED', and 'CONTACT US'. The user is logged in as 'Hello, Philip'. The main heading is 'GB Company Search' with a subtext 'App to search terrestrial Companies for information -version 1'. The 'Current Environment' is 'Sandbox', with a 'Promote to Test' button. The 'Credentials & Details' section has tabs for 'Sandbox', 'Test', and 'Live'. Under 'Test', there is a 'Request Test Credentials' section with instructions to make adjustments and submit a request. Below this is a 'Targeted Go-Live' date field set to '22/07/2021'. The 'Whitelisted IPs' section contains a table with columns for IP, CIDR, IPv, and Notes. One entry is shown: IP '255.255.0.0', CIDR '32', IPv 'IPv4', and Notes 'demo'. There is a '+Add IP' button. At the bottom of this section are 'Cancel' and 'Submit' buttons. The 'API Products' section lists three products: 'Business Search and Report', 'Security Service', and 'Officer Search', each with a 'Base live URL' field. The 'Collaborators' section has a text input for 'Enter Email Address to Add Collaborator' and a '+ Add Collaborator' button, with one collaborator listed: 'philip.england+GBCEO@equifax.com'.

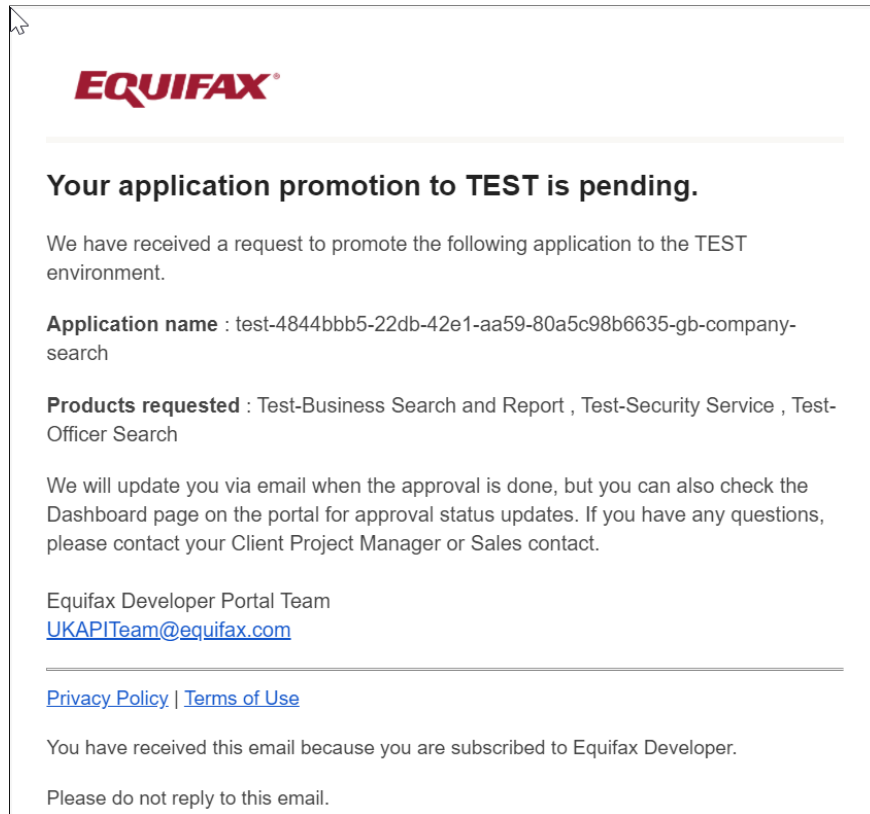
When all your IP addresses have been added, Click on

Submit

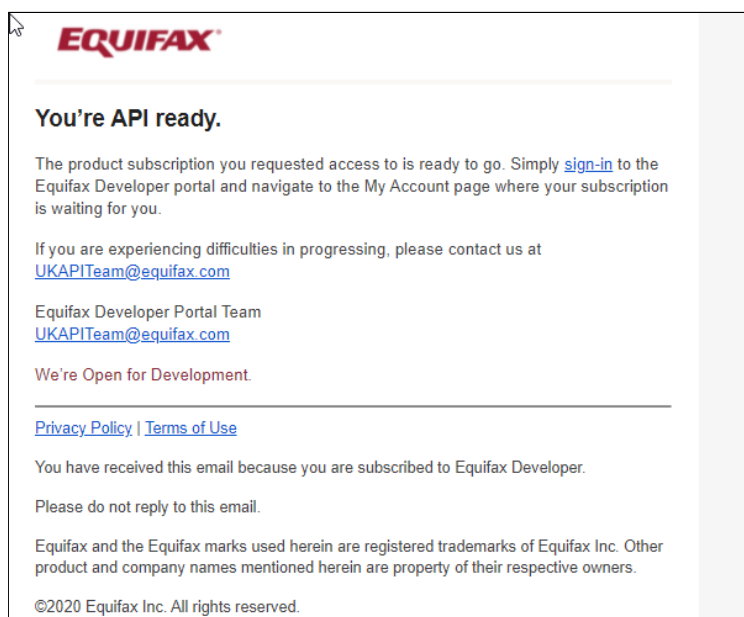
The screenshot shows the Equifax GB Company Search dashboard after promotion to the 'Test' environment. The 'Current Environment' is now 'Test', and the 'Pending Test' button is highlighted with a red circle. The 'Credentials & Details' section now shows 'TEST Credentials' in a large box, with a note: 'TEST Credentials will appear when one or more APIs is Approved'. The 'API Products' section shows the same three products, but each now has a 'Pending' status indicator. The 'Collaborators' section remains the same, showing the collaborator 'philip.england+GBCEO@equifax.com'.

Your Dashboard will now show that the Application status is 'Pending Test.' You will also see that you will be waiting for a new set of Test credentials to be delivered.

An email will also be sent to you and all collaborators showing the App is pending test. (see below)



Your Promotion activity will trigger an administrative process at Equifax to set up your access to the Test Environment.



In due course you will be notified by email that this process is now complete.

On the Dashboard, you will see your APP is now showing the Environment as 'Test.' This can be seen in the screenshot below, compared to a second App for Open Banking that has been added to the example, which remains in the 'Sandbox' environment.

Dashboard

My Apps

Name	Description	Type	Environment	Role
GB Company Search	App to search terrestrial Companies for information -version 1	Standard STS	Test	
GB Open Banking	Check bank accounts of Earthlings	Standard STS	Sandbox	

Partner Product Access Code (Optional)

If you've been given a Partner Product Access Code, enter to gain access to a Partner Product that's not publicly available.

(Optional)

Submit

Create New Application

Application Name ^①

Type ^① Standard STS

Description ^① (Optional)

0/120

Next

If you click on the App, you will see the API products all show as 'Approved' and the App is shown as being in the Test Environment, with a button for 'Promote to Live' now available in the top right.

GB Company Search

App to search terrestrial Companies for information -version 1

Current Environment: Test **Promote to Live**

Credentials & Details

Sandbox **Test** Live

To retrieve your TEST Client ID and Client Secret details [click here](#) to access the IdAMS portal.

Whitelisted IPs

IP ^①	CIDR ^①	IPv	Notes ^①
<input type="text"/>	<input type="text"/>	IPv4	<input type="text"/>
255.255.0.0	32	IPv4	demo

Page 1 of 1

API Products

Click on the Product name to view the product details and spec

Business Search and Report ^① **Approved**

Base live URL

Security Service ^① **Approved**

Base live URL

Officer Search ^① **Approved**

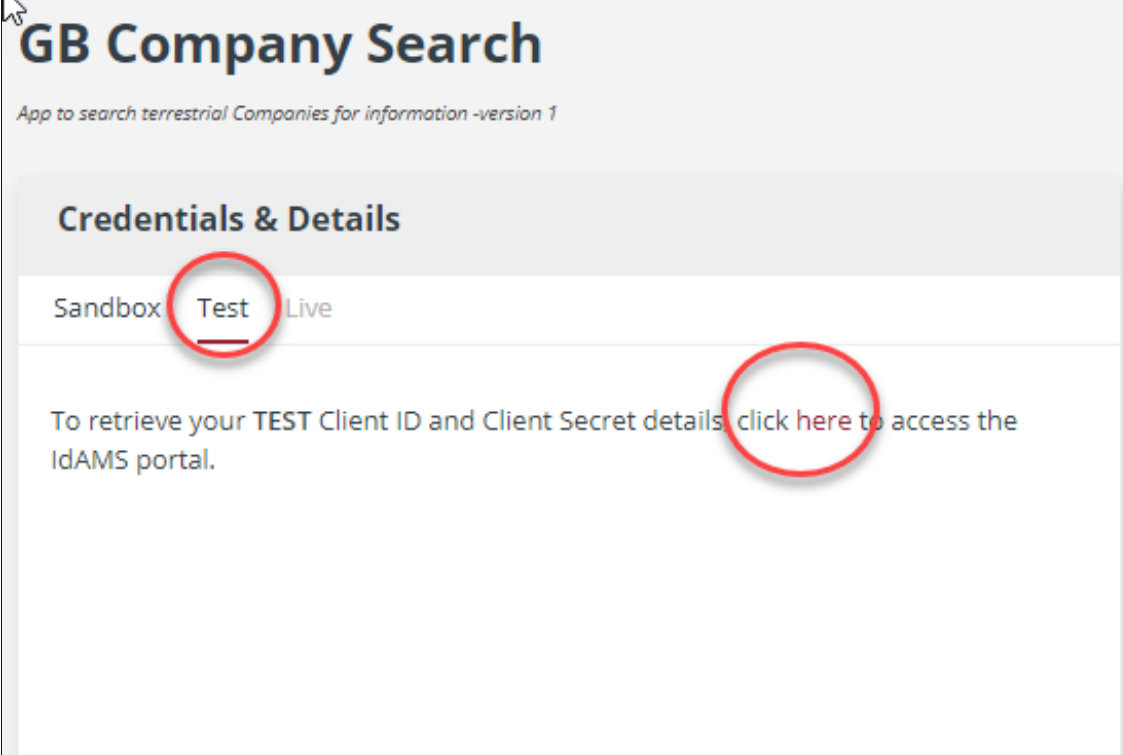
Base live URL

Collaborators ^①

Enter Email Address to Add Collaborator **+ Add Collaborator**

philip.england+GBCEO@equifax.com **X**

To retrieve Client ID and Client secret details, you will now need to **Click** on the link in the *Credentials and Details* pane to communicate with IdAMS.



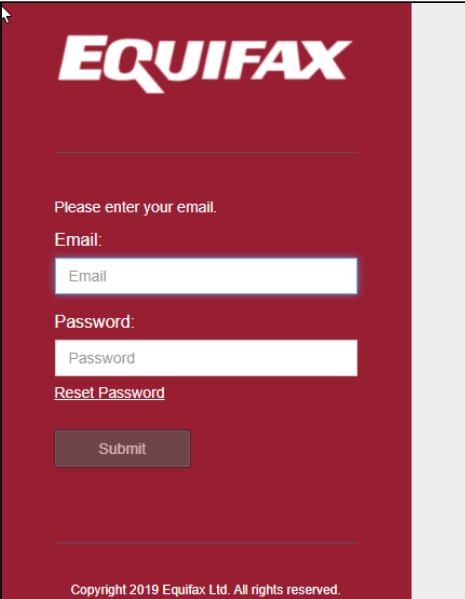
GB Company Search

App to search terrestrial Companies for information -version 1

Credentials & Details

Sandbox **Test** Live

To retrieve your TEST Client ID and Client Secret details, [click here](#) to access the IdAMS portal.



EQUIFAX

Please enter your email.

Email:

Password:

[Reset Password](#)

Submit

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Requesting Promotion to the Live Environment

The process of requesting promotion to live is similar to the Test Promotion process described earlier.

From the **Application Details** page, Click on

Promote to Live

Again you can make adjustments to Go Live Date, IP ranges and add collaborators.

The screenshot shows the Equifax GB Company Search application interface. The top navigation bar includes 'DASHBOARD', 'API PRODUCTS', 'GETTING STARTED', and 'CONTACT US'. The user is logged in as 'Hello, Philip'. The main heading is 'GB Company Search' with a subtitle 'App to search terrestrial Companies for information -version 1'. The 'Current Environment' is 'Test', and there is a 'Promote to Live' button. The interface is divided into two main sections: 'Credentials & Details' and 'API Products'.

Credentials & Details

Sandbox Test Live

Request Live Credentials

Make any adjustments to your app and complete the following information to submit your request for Live Credentials.

Targeted Go-Live ⓘ

19/08/2021 ⓘ

Whitelisted IPs

IP ⓘ	CIDR ⓘ	IPv ⓘ	Notes ⓘ
<input type="text"/>	<input type="text"/>	IPv4 ▼	<input type="text"/>
255.255.0.0	32	IPv4	demo

Page 1 of 1 < >

API Products

Click on the Product name to view the product details and spec

Business Search and Report ⓘ Approved

Base live URL

Security Service ⓘ Approved

Base live URL

Officer Search ⓘ Approved

Base live URL

Collaborators ⓘ

philip.England+GBCEO@equifax.com ✕

When done, Click the button.

Again the screen will show a status of 'Pending Live' until further admin processes are completed by Equifax.



Your application promotion to LIVE is pending.

We have received a request to promote the following application to the LIVE environment.

Application name : live-4844bbb5-22db-42e1-aa59-80a5c98b6635-gb-company-search

Products requested : Business Search and Report , Security Service , Officer Search

We will update you via email when the approval is done, but you can also check the Dashboard page on the portal for approval status updates. If you have any questions, please contact your Client Project Manager or Sales contact.

Equifax Developer Portal Team
UKAPITeam@equifax.com

When this is done, you will receive a further email notification.

Congratulations, your App will now be live!

Appendix 1 – CIDR Ranges

CIDR is the short for Classless Inter-Domain Routing, an IP addressing scheme that replaces the older system based on classes A, B, and C.

A single IP address can be used to designate many unique IP addresses with CIDR. A CIDR IP address looks like a normal IP address except that it ends with a slash followed by a number, called the IP network prefix. CIDR addresses reduce the size of routing tables and make more IP addresses available within organizations.

Every device connected to the Internet needs to have an identifier. Internet Protocol (IP) addresses are the numerical addresses used to identify a particular piece of hardware connected to the Internet.

The two most common versions of IP in use today are Internet Protocol version 4 (IPv4) and Internet Protocol version 6 (IPv6). Both IPv4 and IPv6 addresses come from finite pools of numbers.

For IPv4, this pool is 32-bits (232) in size and contains 4,294,967,296 IPv4 addresses.

The IPv6 address space is 128-bits (2128) in size, containing 340,282,366,920,938,463,463,374,607,431,768,211,456 IPv6 addresses.

A bit is a digit in the binary numeral system, the basic unit for storing information.

Not every IP address in the IPv4 or IPv6 pool can be assigned to the machines and devices used to access the Internet. Some IP addresses have been reserved for other uses, such as for use in private networks. This means that the total number of IP addresses available for allocation is less than the total number in the pool.

The Classless Inter-Domain Routing (CIDR) is commonly known as the CIDR chart and is used by those running networks and managing IP addresses. It enables them to see the number of IP addresses contained within each “slash notation” and the size of each “slash notation” in bits.

Below are tables for IPV4 and IPV6 CIDR

IPv4 CIDR						
Address format	Difference to last address	Mask	Addresses		Relative to class A, B, C	Restrictions on a, b, c and d (0..255 unless noted)
			Decimal	2 ⁿ		
a.b.c.d/32	+0.0.0.0	255.255.255.255	1	2 ⁰	1/256 C	
a.b.c.d/31	+0.0.0.1	255.255.255.254	2	2 ¹	1/128 C	d = 0 ... (2n) ... 254
a.b.c.d/30	+0.0.0.3	255.255.255.252	4	2 ²	1/64 C	d = 0 ... (4n) ... 252
a.b.c.d/29	+0.0.0.7	255.255.255.248	8	2 ³	1/32 C	d = 0 ... (8n) ... 248
a.b.c.d/28	+0.0.0.15	255.255.255.240	16	2 ⁴	1/16 C	d = 0 ... (16n) ... 240
a.b.c.d/27	+0.0.0.31	255.255.255.224	32	2 ⁵	1/8 C	d = 0 ... (32n) ... 224
a.b.c.d/26	+0.0.0.63	255.255.255.192	64	2 ⁶	1/4 C	d = 0, 64, 128, 192
a.b.c.d/25	+0.0.0.127	255.255.255.128	128	2 ⁷	1/2 C	d = 0, 128
a.b.c.d/24	+0.0.0.255	255.255.255.0	256	2 ⁸	1 C	
a.b.c.d/23	+0.0.1.255	255.255.254.0	512	2 ⁹	2 C	c = 0 ... (2n) ... 254
a.b.c.d/22	+0.0.3.255	255.255.252.0	1,024	2 ¹⁰	4 C	c = 0 ... (4n) ... 252
a.b.c.d/21	+0.0.7.255	255.255.248.0	2,048	2 ¹¹	8 C	c = 0 ... (8n) ... 248
a.b.c.d/20	+0.0.15.255	255.255.240.0	4,096	2 ¹²	16 C	c = 0 ... (16n) ... 240
a.b.c.d/19	+0.0.31.255	255.255.224.0	8,192	2 ¹³	32 C	c = 0 ... (32n) ... 224
a.b.c.d/18	+0.0.63.255	255.255.192.0	16,384	2 ¹⁴	64 C	c = 0, 64, 128, 192
a.b.c.d/17	+0.0.127.255	255.255.128.0	32,768	2 ¹⁵	128 C	c = 0, 128
a.b.0.0/16	+0.0.255.255	255.255.0.0	65,536	2 ¹⁶	256 C = B	
a.b.0.0/15	+0.1.255.255	255.254.0.0	131,072	2 ¹⁷	2 B	b = 0 ... (2n) ... 254
a.b.0.0/14	+0.3.255.255	255.252.0.0	262,144	2 ¹⁸	4 B	b = 0 ... (4n) ... 252
a.b.0.0/13	+0.7.255.255	255.248.0.0	524,288	2 ¹⁹	8 B	b = 0 ... (8n) ... 248
a.b.0.0/12	+0.15.255.255	255.240.0.0	1,048,576	2 ²⁰	16 B	b = 0 ... (16n) ... 240
a.b.0.0/11	+0.31.255.255	255.224.0.0	2,097,152	2 ²¹	32 B	b = 0 ... (32n) ... 224
a.b.0.0/10	+0.63.255.255	255.192.0.0	4,194,304	2 ²²	64 B	b = 0, 64, 128, 192
a.b.0.0/9	+0.127.255.255	255.128.0.0	8,388,608	2 ²³	128 B	b = 0, 128
a.0.0.0/8	+0.255.255.255	255.0.0.0	16,777,216	2 ²⁴	256 B = A	
a.0.0.0/7	+1.255.255.255	254.0.0.0	33,554,432	2 ²⁵	2 A	a = 0 ... (2n) ... 254
a.0.0.0/6	+3.255.255.255	252.0.0.0	67,108,864	2 ²⁶	4 A	a = 0 ... (4n) ... 252
a.0.0.0/5	+7.255.255.255	248.0.0.0	134,217,728	2 ²⁷	8 A	a = 0 ... (8n) ... 248
a.0.0.0/4	+15.255.255.255	240.0.0.0	268,435,456	2 ²⁸	16 A	a = 0 ... (16n) ... 240
a.0.0.0/3	+31.255.255.255	224.0.0.0	536,870,912	2 ²⁹	32 A	a = 0 ... (32n) ... 224
a.0.0.0/2	+63.255.255.255	192.0.0.0	1,073,741,824	2 ³⁰	64 A	a = 0, 64, 128, 192
a.0.0.0/1	+127.255.255.255	128.0.0.0	2,147,483,648	2 ³¹	128 A	a = 0, 128
0.0.0.0/0	+255.255.255.255	0.0.0.0	4,294,967,296	2 ³²	256 A	

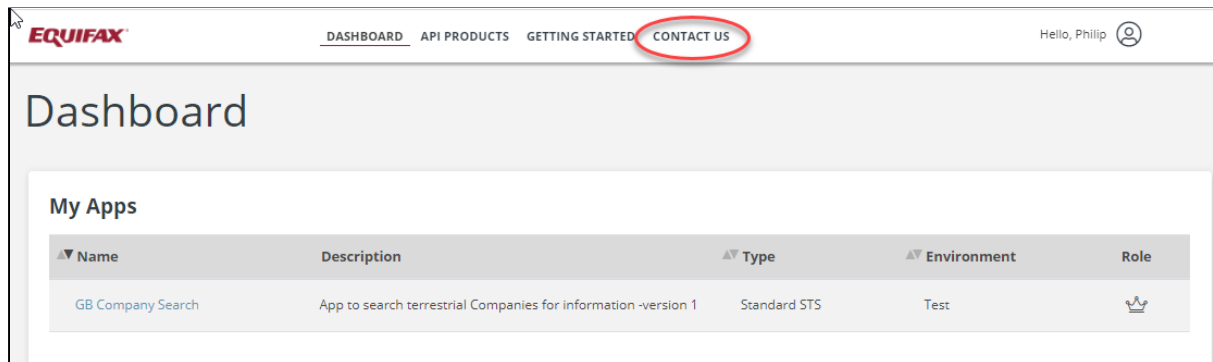
IPV6 CIDR

Prefix	Number of equivalent subnets			Host bits
	/48	/56	/64	
/24	16M	4G	1T	104
/25	8M	2G	512G	103
/26	4M	1G	256G	102
/27	2M	512M	128G	101
/28	1M	256M	64G	100
/29	512K	128M	32G	99
/30	256K	64M	16G	98
/31	128K	32M	8G	97
/32	64K	16M	4G	96
/33	32	8M	2G	95
/34	16K	4M	1G	94
/35	8K	2M	512M	93
/36	4K	1M	256M	92
/37	2K	512K	128M	91
/38	1K	256K	64M	90
/39	512	128K	32M	89
/40	256	64K	16M	88
/41	128	32	8M	87
/42	64	16K	4M	86
/43	32	8K	2M	85
/44	16	4K	1M	84
/45	8	2K	512K	83
/46	4	1K	256K	82
/47	2	512	128K	81
/48	1	256	64K	80
/49		128	32	79
/50		64	16K	78
/51		32	8K	77
/52		16	4K	76
/53		8	2K	75
/54		4	1K	74
/55		2	512	73
/56		1	256	72
/57			128	71
/58			64	70
/59			32	69
/60			16	68
/61			8	67
/62			4	66
/63			2	65
/64			1	64

K = 1,024	G = 1,073,741,824
M = 1,048,576	T = 1,099,511,627,776

Further Information and Help

If you require assistance, you can use the Contact Us link at the top of the page (see below)



This will open the Contact Us / Feedback page where you can enter the details of your query.

The screenshot shows the 'Contact Us' form. It includes fields for First Name (Philip), Last Name (England), Company (Galactic Bank), Business Email (philip.england+galacticbank@equifax.com), and an optional Phone field. There is a Title field and a Subject dropdown menu with the text '- Select a value -'. A red border highlights the Subject dropdown, and a red error message 'Subject required' is displayed below it. A large text area for the Message is also present, along with a blue 'SUBMIT' button.

To route your query to the correct person, please select from the drop down list shown.

The screenshot shows the Subject dropdown menu expanded, displaying a list of query categories. The first option is '- Select a value -'. The second option is '- Select a value -' (highlighted in blue). The remaining options are: BillPay queries, Developer Portal account and password queries, IdAMS queries, Open Banking queries, Secure Payment Processing queries, EBI Technical queries, Existing clients non-technical queries (please provide your Account Manager's name in your message), and New clients non-technical queries.