

**ABBYY**



# ABBYY Vantage

Connector for Power Automate Guide

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# About the ABBYY Vantage Connector for Microsoft Power Automate

ABBYY Vantage is a comprehensive Content Intelligence platform that provides AI-powered cognitive services and pre-trained and trainable skills that can "understand" business documents and extract actionable data and insights.

The ABBYY Vantage connector for Microsoft Power Automate allows you to add data extraction and document classification functionality to automation flows. This is a redistributable package for manual installation.

## Setting up the ABBYY Vantage Connector

To set up the ABBYY Vantage connector, perform the following steps:

1. [Create a Public API Client in ABBYY Vantage.](#)
2. [Create a custom connector in Power Automate.](#)
3. [Create a connection to ABBYY Vantage.](#)

### Creating a Public API Client

The custom connector you will create in Power Automate needs a Public API Client in ABBYY Vantage. To create one, do the following:

1. Log in as **Tenant Administrator** and go to the  **Configuration** tab in the left pane.
2. Go to the **Public API Client** tab and click **Create API Client**. A client ID and client secret will be generated.
3. Copy and save the client secret to a secure location, as it will not be shown again. You will need the client secret and client ID to set up the connector.
4. Specify the following settings in the **OAuth 2.0 Flows Settings** section:
  - Clear the **Require PKCE for Authorization Code Flow** option under **Allow Authorization Code Flow**.
  - Select the **Allow issuing refresh tokens to refresh access tokens** option.

**OAuth 2.0 Flows Settings** ⓘ

- Allow Authorization Code Flow** ⓘ
  - Require PKCE for Authorization Code Flow** ⓘ
- Allow Resource Owner Password Credentials Flow** ⓘ
- Allow issuing refresh tokens to refresh access tokens** ⓘ
- Allow client credentials flow** ⓘ

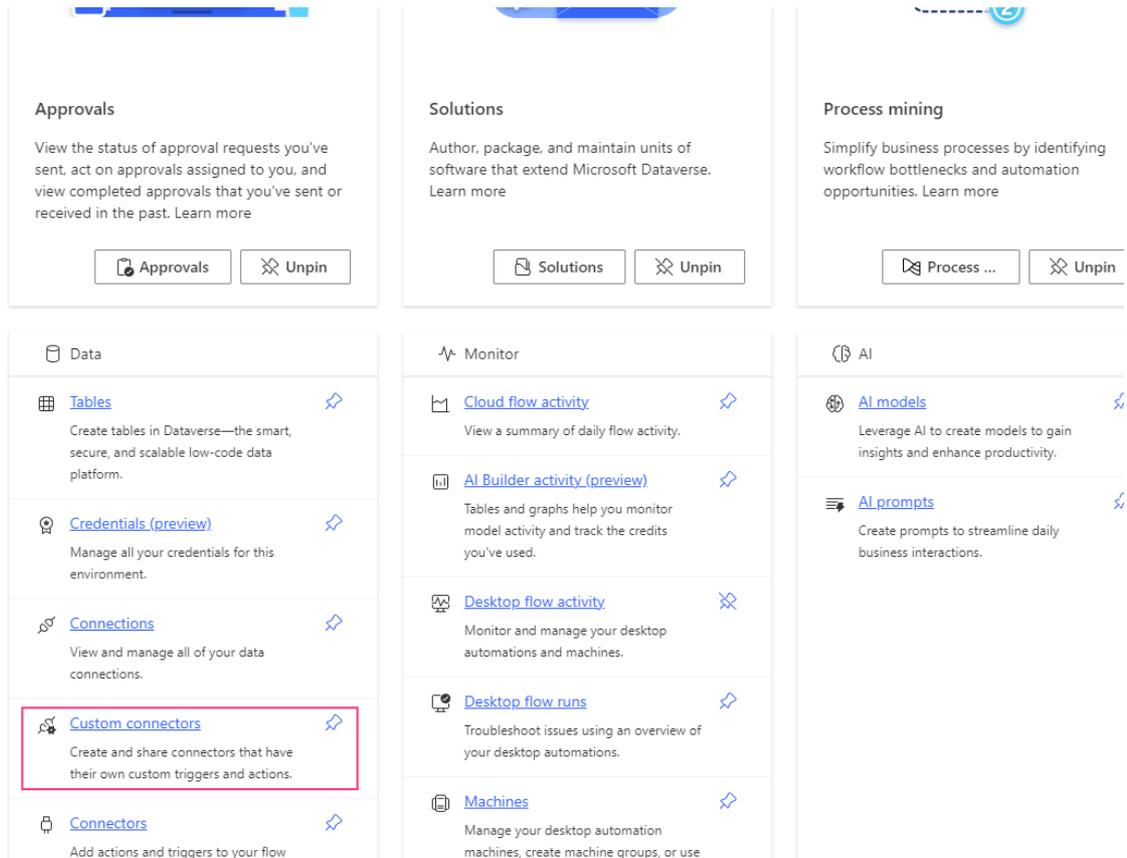
Roles: —

[Manage Roles](#)

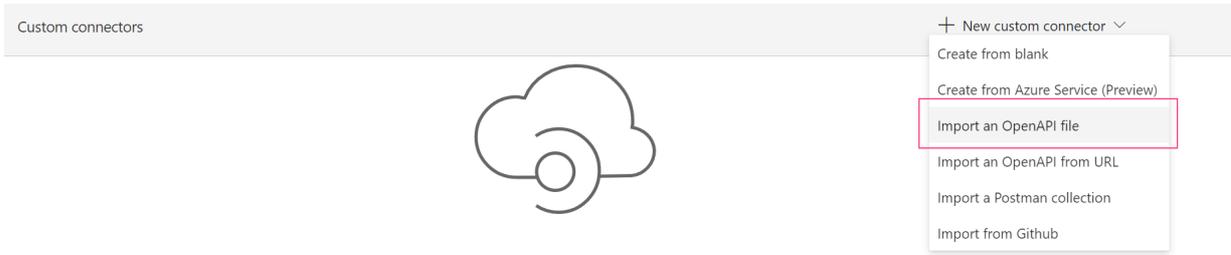
For more details on creating a Public API Client, see [https://vantage-eu.abbyy.com/help/English/AdminGuide/?topic=admin\\_managingrestapiclients\\_createclient](https://vantage-eu.abbyy.com/help/English/AdminGuide/?topic=admin_managingrestapiclients_createclient) if you are in Western Europe, [https://vantage-us.abbyy.com/help/English/AdminGuide/?topic=admin\\_managingrestapiclients\\_createclient](https://vantage-us.abbyy.com/help/English/AdminGuide/?topic=admin_managingrestapiclients_createclient) if you are in North America, and [https://vantage-au.abbyy.com/help/English/AdminGuide/?topic=admin\\_managingrestapiclients\\_createclient](https://vantage-au.abbyy.com/help/English/AdminGuide/?topic=admin_managingrestapiclients_createclient) if you are in Australia.

## Creating a custom connector

1. Open Microsoft Power Automate. Under **Data**, select **Custom connectors**.



2. Click **New custom connector** and select **Import an OpenAPI file**.



3. Enter a name for the new connector, for example "ABBYY Vantage." Click **Import** and browse to the **ABBYY-Vantage.swagger.json** file. Then click **Continue**.

Import an OpenAPI file

Connector name

Import an OpenAPI file

4. Enter your production server's address in the **Host** field.

Scheme \*

 HTTPS  HTTP

Host \*

Base URL

5. Go to the **Security** tab, choose the **OAuth 2.0** authentication type and specify the following settings:

- **Client ID:** the client ID for the Public API Client you created earlier
- **Client secret:** the client secret for the Public API Client you created earlier
- **Authorization URL:** `https://<vantage-server.abbyy.com>/auth2/connect/authorize`  
 For example, `https://vantage-eu.abbyy.com/auth2/connect/authorize` if you are in Western Europe, `https://vantage-us.abbyy.com/auth2/connect/authorize` if you are in North America, `https://vantage-au.abbyy.com/auth2/connect/authorize` if you are in Australia.

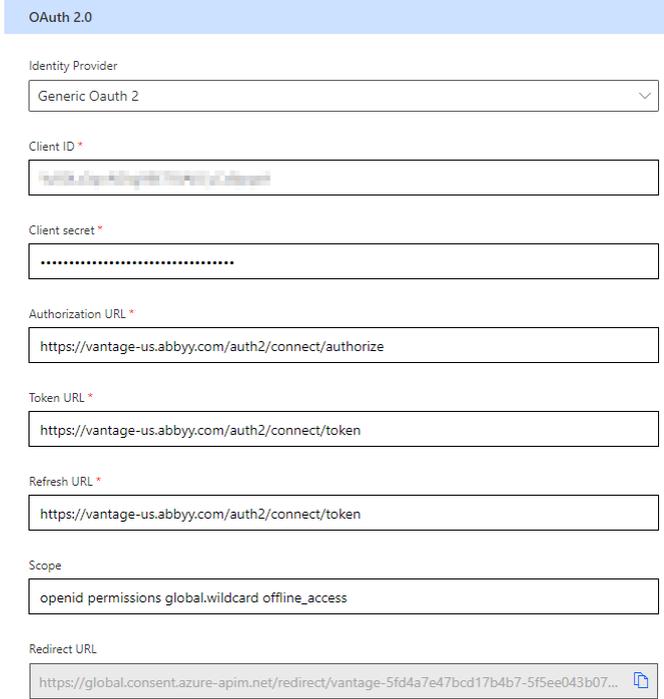
**Note:** If your e-mail address is connected with several accounts in different Vantage tenants, include the identifier of the desired tenant in authorization endpoint in the following format: `https://<vantage-server.abbyy.com>/auth2/<tenant-identifier>/connect/authorize`.

To get the tenant identifier, log in to Vantage with your tenant administrator credentials and click **Configuration > General**.

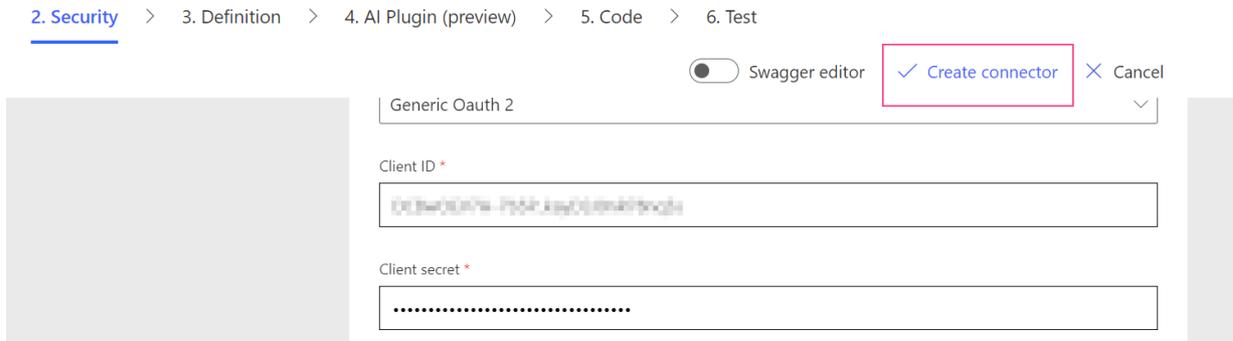
- **Token URL and Refresh URL:** `https://<vantage-server.abbyy.com>/auth2/connect/token`

**Note:** If your e-mail address is connected with several accounts in different Vantage tenants, include the identifier of the desired tenant in authorization endpoint in the following format: **`https://<vantage-server.abbyy.com>/auth2/<tenant-identifier>/connect/token`**.

- **Scope:** `openid permissions global.wildcard offline_access`

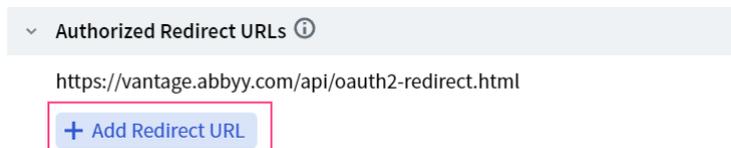


6. Click **Create connector** at the top.



For more details about authorization, see [https://vantage-eu.abbyy.com/help/English/AdminGuide/?topic=developer\\_apiauthentication\\_authcodeflow](https://vantage-eu.abbyy.com/help/English/AdminGuide/?topic=developer_apiauthentication_authcodeflow) if you are in Western Europe, [https://vantage-us.abbyy.com/help/English/AdminGuide/?topic=developer\\_apiauthentication\\_authcodeflow](https://vantage-us.abbyy.com/help/English/AdminGuide/?topic=developer_apiauthentication_authcodeflow) if you are in North America, and [https://vantage-au.abbyy.com/help/English/AdminGuide/?topic=developer\\_apiauthentication\\_authcodeflow](https://vantage-au.abbyy.com/help/English/AdminGuide/?topic=developer_apiauthentication_authcodeflow) if you are in Australia.

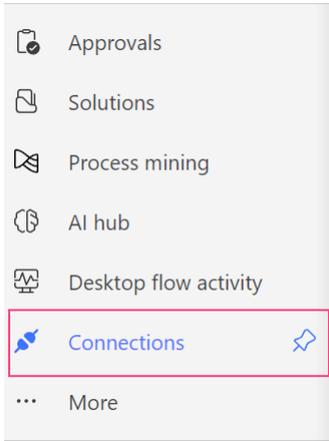
7. Copy the **Redirect URL** generated by Power Automate. Add this URL to **Authorized Redirect URLs** in the settings of the Public API Client you created.



## Creating a connection to ABBYY Vantage

After importing the new connector, set up a connection to ABBYY Vantage so that you can use the service.

1. On the left navigation pane, select **Data > Connections**.

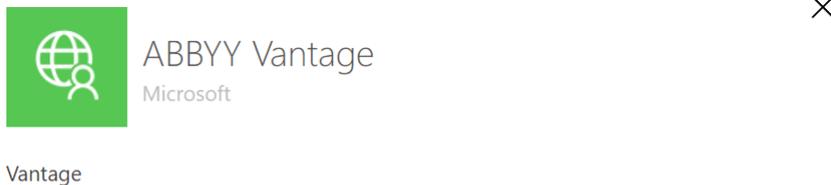


2. At the top of the page, select **New Connection**.



Connections in ABBYY (default)

3. Find the connector you created earlier and click it. Click **Create**.



4. You will be redirected to ABBYY Vantage for login. If the Vantage user whose credentials you enter is registered in several Vantage tenants simultaneously, and if you didn't include the tenant identifier in the authorization endpoint when creating the connector, you will also have to select your tenant.

## Importing the demo flows

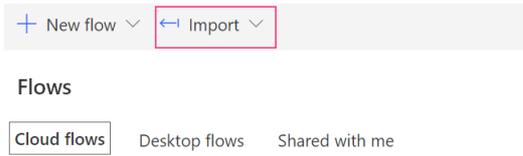
The redistributable package includes two demo flows that work out of the box:

- InvoiceUS.zip—for processing invoices issued in the USA
- PurchaseOrderUS.zip—for processing purchase orders issued in the USA

To import the demo flows, do the following:

1. Select **My flows** from the menu on the left.

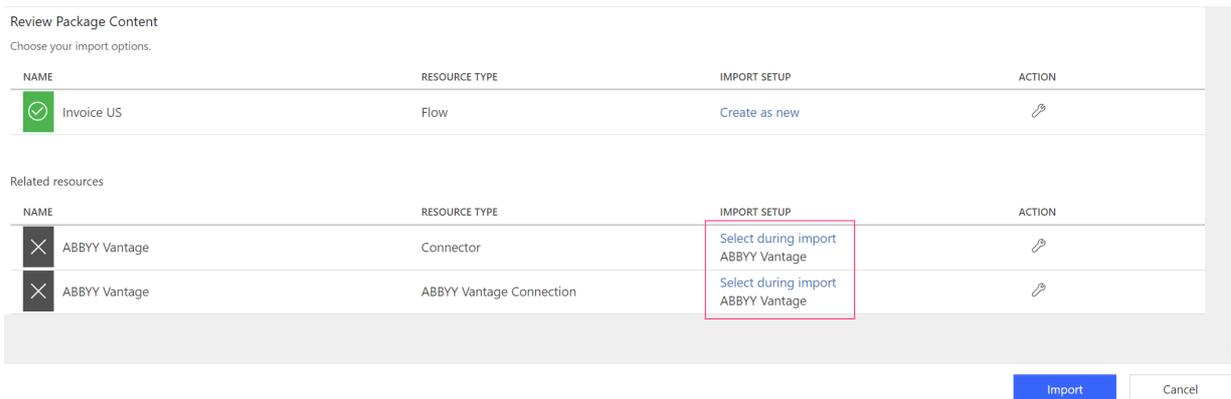
2. Click **Import**, then **Import Package**.



3. Select a ZIP package with one of the demo flows.

4. Click **Upload**.

5. Select **ABBYY Vantage Connector** and **ABBYY Vantage Connection** in the corresponding fields in the **Related resources** section.



6. Click **Import**.

7. Open the demo flow and try it out.

## Creating your own flows

You can start by modifying the demo flows or create your own.

If you need to work with a specific data set from a JSON-based response, you can modify the JSON schema. To get the JSON schema, open the Swagger UI and call the required method. The Swagger UI can be accessed at <https://vantage-eu.abbyy.com/api/index.html?urls.primaryName=publicapi%2Fv1> if you are in Western Europe, <https://vantage-us.abbyy.com/api/index.html?urls.primaryName=publicapi%2Fv1> if you are in North America, and <https://vantage-au.abbyy.com/api/index.html?urls.primaryName=publicapi%2Fv1> if you are in Australia.

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