

Implementation of OAuth / SSO for mlscconnect

Cf Doc : <https://docs.immosquare.com/fr/mlsconnect/oauth>

Our OAuth 2.0 service implements the standard endpoints as defined in [RFC 6750](#).

Example: Integration with a partner named Wgroupe

Step 1 : Add a “Sign in with MLSCConnect” button to your interface

This step is not strictly required for the integration to function, but it helps validate the entire authentication process.

You may choose to remove this button in your production environment. In that case, MLSCConnect users will only be able to access your product if they already have an active session on MLSCConnect.

⚠ Note: Each MLS has its own separate login. An MLS corresponds to a “board” in MLSCConnect, such as *mls-cote d’azur*, *mls-caraibes*, or *federia* (for Belgium).

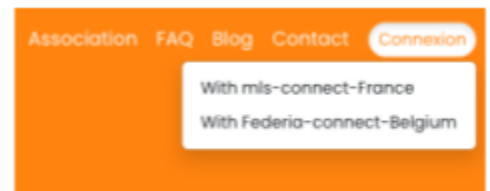
⚠ Important: The staging environment is distinct from the production environment.

In the example below, there are two different login buttons.

Alternatively, you can implement a dropdown menu to allow users to select and log in to the appropriate MLS.



The screenshot shows the Wgroupe login page. At the top is the Wgroupe logo. Below it are two input fields: "Email:" and "Password". A red "Sign in" button is positioned below the password field. Underneath the button is a link for "forgot password?". At the bottom of the form are two buttons: "Connect with mlscconnect" and "Connect with mlscconnectstaging".



The screenshot shows a dropdown menu on an orange background. The menu is open, showing two options: "With mls-connect-France" and "With Federia-connect-Belgium". The menu is triggered by a "Connexion" button in the top right corner of the header area.

1-Use a GET request to initiate the authentication process.

##

https://app.mls-connect.com/oauth/authorize?client_id=1234&response_type=code&redirect_uri=https://partenaire.com/users/auth/mlsconnect/callback

Error responses follow the OAuth 2.0 standard format. (RFC 6749)

There are 3 required parameters:

- **client_id** (provided by MLSConnect, e.g. 1234)
- **redirect_uri** (provided by the partner, e.g. <https://partenaire.com/users/auth/mlsconnect/callback>)
- **response_type** (must be set to "code")

If the user does not have an active session on MLSConnect, they will be automatically redirected to the MLSConnect login page.

On the user's first login, a modal window appears to notify them that certain information will be shared with the Partner as part of the authentication process.

Once the user accepts the modal, they are redirected to the specified redirect_uri, and a temporary authorization code is appended as a query parameter.

<https://partenaire.com/users/auth/mlsconnect/callback?code=XWk9Zvg...xxxxxxxxxx>

2 - Using this code, the third-party application (in this case, Wgroupe) can request an access token.

```
##curl -X POST -H "Content-Type: application/json" -d '{
## "client_id": "1234", // provided by MLSConnect
## "client_secret": "56789", // provided by MLSConnect
## "code": "XWk9Zvg....xxxxxxxxxx", // code returned in Step 1
## "grant_type": "authorization_code",
## }' https://mls-connect.com/oauth/token
```

Unset

```
{
  "access_token": "valueaccesstoken",
  "token_type": "Bearer",
  "scope": "read",
  "created_at": 1732752841
}
```

3 - With this **token**, the third-party application can access the API by using the **token** as a **Bearer token**.

```
## curl -H "Authorization: Bearer valueaccesstoken" https://mls-connect.com/api/oauth/me
## this returns the user associated with the token
```

Unset

```
{
  "id": "ql4Jgm",
  "name": "John Doe",
  "email": "johndoe@immosquare.com",
  "firstName": "John",
  "lastName": "Doe",
  "location": null,
  "description": null,
  "image":
  "https://static.immosquare.com/mlsconnect/development/johndoe/user/avatar/12334
  456788990102222.jpeg",
  "phone": null,
  "urls": null,
  "additionalInformation": {
    "agency": {
      "id": "xxxxxxx",
      "name": "IMMOSQUARE"
    }
  }
}
```

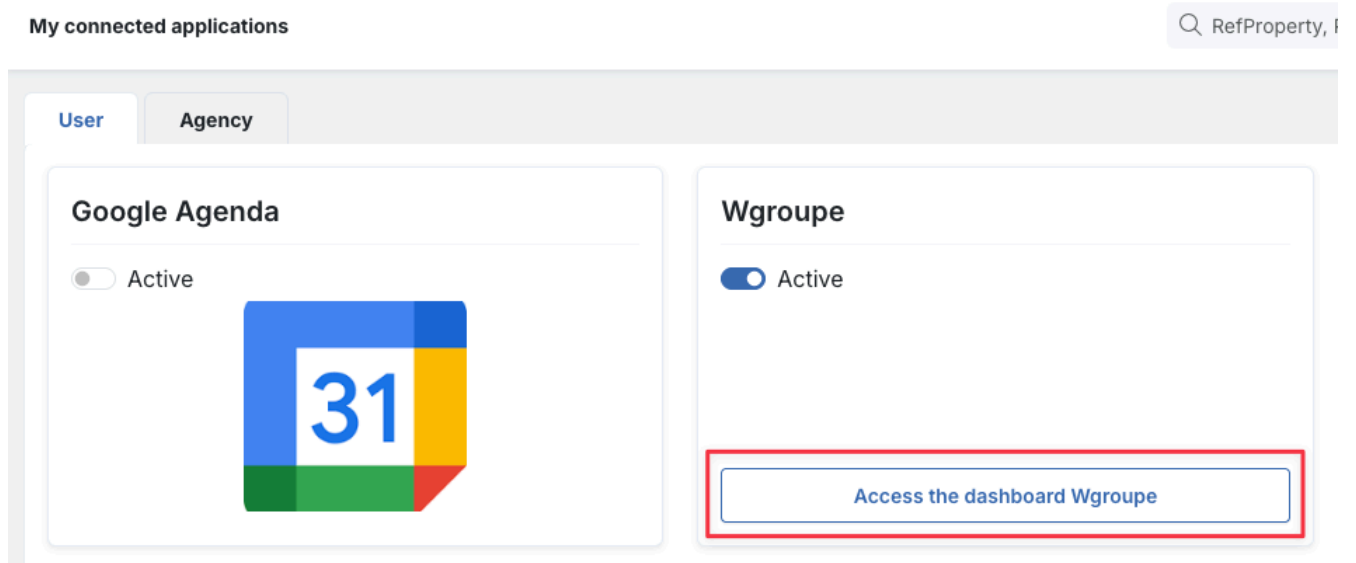
If your partner application requires more user information, you may request extended API access to retrieve all shared MLSConnect data.

4 - To be handled by the partner application:

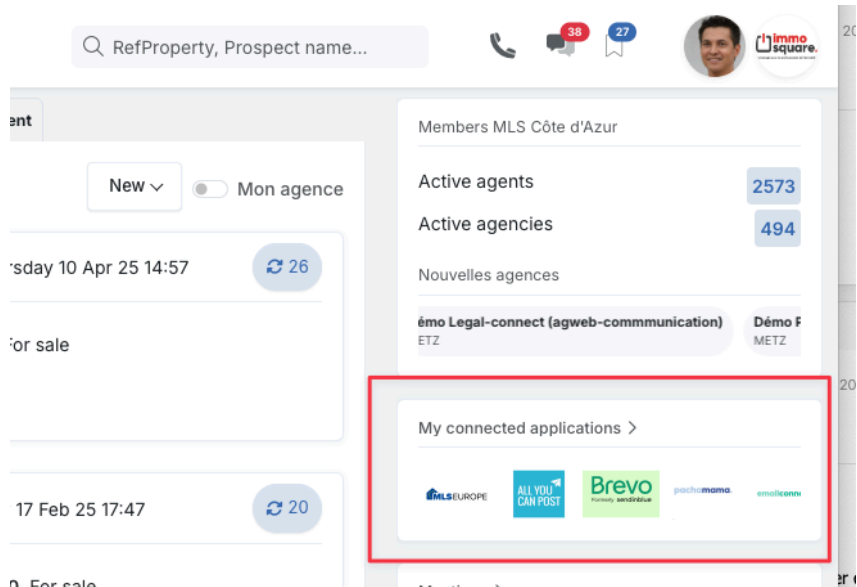
- Store the user information in the partner's application database
- Log the user into the partner's data management system
- Redirect the user to the page of your choice

Step 2: Accessing your application from MLSConnect

Once the login button in your interface is working, you can test the second method, which consists of calling a URL on your side that will trigger steps 1 through 4 using the `redirect_uri` you previously provided to us.



Alternatively, you can initiate the process directly from the dashboard.



A click on **“Access the dashboard”** or on the **application logo** GET request to a URL defined by the Partner — the **Start_URL**.

For any questions : teamdev@immosquare.com