Subscribing to a Private API

Private APIs are only accessible for known consumers, called clients. Each client can consume multiple APIs within API Management. The relation between client and API is defined via a contract and a plan. Every client has an individual key to access the API.

If you want to consume a Private API, you must first register for it.
To do so, click the **Learn more** button to open the API's details page.

In section **Plans** you will find all available plans for the API and the information if approval is required for a plan.

Click the **Sign Up** button on the plan you want to register for.

ⓘ Users must have a valid account to consume the APIs. T

he API Developer Portal offers a user self registration feature that allows customers to request for an account. Ask your

ScheerPAS administrator if you want to enable the users self registration.

Refer to [Register as New User](#) for a detailed description on how your customers can use the users self registration.

Now follow the wizard through some simple steps:

- **Create a new client:** Enter the name of your client in field **Search or create**.
- Click **Create**.

- After a successful creation, your client is displayed in the box below.
- Click **Next** to continue.

If your user has permission to use or create clients in various organizations, a different view will be displayed:

A drop-down list **Organization** will appear.

- Choose the organization you want to search or create your client in.

If clients are already available for the chosen organization:

- Select one from the list of available clients below or enter a name in field **Search or create** to create a new client.
- Click **Next** to continue.

Terms and Conditions

It is possible to enable the additional step **Terms and Conditions** where you can link to your te

rms and conditions and enforce users to accept them before they can register for your APIs.

If you want to enable this option on your system, please contact our [Scheer PAS support team](#).

Summary

API Documentation

Displays the Open API definition (Swagger) and allows for making test calls if the API is available.

[API Documentation] [⬇]

API Key

When an API contract is created, the system generates a unique API Key.
This API Key is unique per client and the same for all contracts of this client.
All requests made to the API must include this API Key:

As HTTP Request Header
You will be provided an API key after signup

Endpoint

Use this URL to access the API:

As HTTP Query Parameter
You will be provided an endpoint after signup

Policies

Rate Limiting Policy

Requests are limited to **1000** requests per **Day** per **Client**

The following headers in the response contain useful information relating to rate limit:

- **X-RateLimit-Limit:** Rate limit allowance (per time period)
- **X-RateLimit-Remaining:** Rate limit allowance remaining
- **X-RateLimit-Reset:** The time the rate limit will be reset (in seconds)

Transfer Quota Policy

You can transfer a maximum of **1000 MB** of data per **Day** per **Client**

The following headers in the response contain useful information relating to quota limit:

- **X-TransferQuota-Limit:** Quota limit allowance (per time period in bytes)
- **X-TransferQuota-Remaining:** Quota limit allowance remaining (in bytes)
- **X-TransferQuota-Reset:** The time the quota limit will be reset (in seconds)
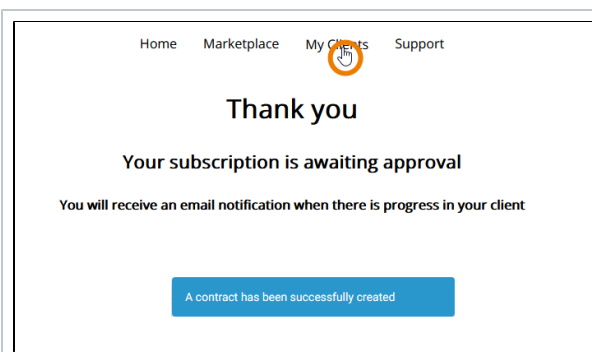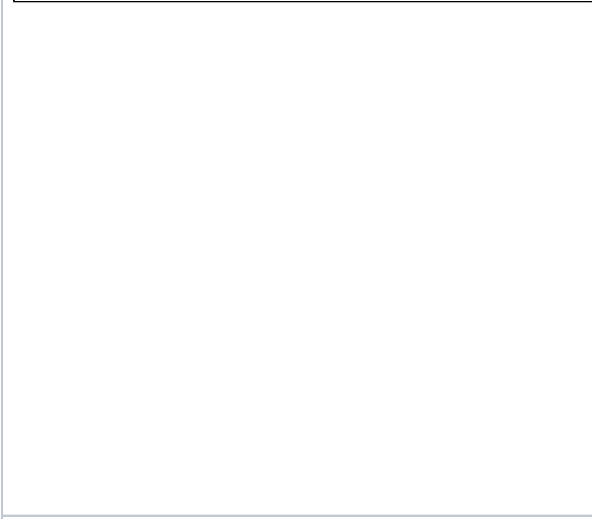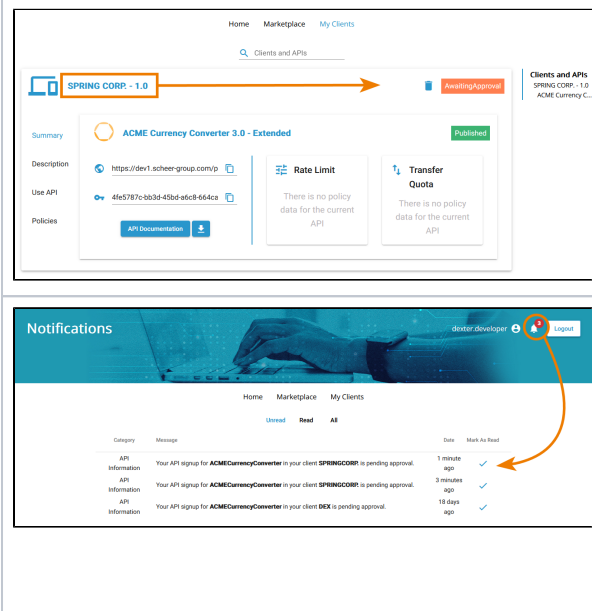
[Back] [Confirm]

- In step 2, the summary displays the API-related information.
- Click **Confirm** to send your request.

ℹ **API Key** and **Endpoint** will be provided to you after your request is approved.

A success message is displayed in the Developer Portal.

If approval is required for the API you subscribed to, you now have to wait for the approval. If approval is not necessary to use the API, you have now access to it.

If you want to check your newly created client, switch to the **My Clients** tab. Go to Using "My Clients" for detailed information.

Your new client is displayed and labeled as **Awaiting Approval**.

As soon as an administrator approved your request, you will get a notification.

Now you can start using the API.

Register as New User

> ⓘ The user self registration is an optional feature, which is disabled by default. See Customizing PAS for further information.

Extended Consumers are limited to 1.000 requests per client per day. Rate Limit 1000 requests per Day Transfer Quota 1000 MB data per Day ⚲ This plan requires approval **Sign Up**	Users must have a valid account to consume the APIs. When a user presses the **Sign Up** button of a plan, the system checks if the user is already logged in.
Ⅶ Scheer|PAS New user? Register Username Password 👁 **Sign In** Forgot Password?	If a user is not logged in, he is forwarded to the login page. He is now able to login if he already has valid login credentials. Or he can use the **Register** link to request for an account.
Ⅶ Scheer|PAS First name * Adam Last name * Sun Email * adam.sun@summer-ltd.com Username * adam.sun Password * •••••••• ⑦ 👁 Confirm Password * •••••••• **Register** Back to Login	Clicking on the link will open a new window where the user can enter his account details. To send his request, the user must confirm his entries with the **Register** button.

Home   Marketplace   My Clients

Thank you

Your account is awaiting approval

You will receive an email notification when there is progress

The user is forwarded to the API Developer Portal, where a message informs him that his account is waiting for approval.

API Management administrators will receive an email notification that a new user request has been made. An administrator must now approve the request.

After approval, the user will also be notified by email. He can then login and continue with the sign up process.