

How to edit assets in Fracttal One using Fracttal Hub?

 help.fracttal.com/hc/en-us/articles/37468789617549-How-to-edit-assets-in-Fracttal-One-using-Fracttal-Hub

Fracttal Hub allows you to automate processes to optimize maintenance management. One of its most powerful features is the ability to edit information of existing assets in bulk, using a Google Sheets spreadsheet as a data source.

This method is ideal in scenarios where you need to modify specific fields (such as type, name, custom fields, *etc.*) for a large number of assets already registered in Fracttal One, avoiding the process of deletion and re-importation.

Step 1: Setting Up the Service Account in Google Cloud

For Fracttal One to securely read the data from your sheet, it is necessary to create an access credential using a Service Account in Google Cloud.

1. Access Google Cloud Platform.
2. In the navigation menu, go to **IAM & admin > Service accounts**.

3. Click on **CREATE SERVICE ACCOUNT**.

The screenshot shows the Google Cloud IAM and administrator console for the 'Fractal One - Helpcenter' project. The left sidebar contains a navigation menu with 'Service accounts' highlighted. The main content area shows the 'Service accounts' page with a '+ Create service account' button highlighted in a red box. Below the button, there is a table listing existing service accounts for the project.

☐	E-mail	Status	Name ↑	Description	Key code	Actions
☐	asociar-activo-a-un-plan-de-mt@fractal-one-helpcenter.iam.gserviceaccount.com	Enabled	Associate asset with a mtto plan		74a9120e564b6317d14be1f5ea01	⋮
☐	crear-equipos@fractal-one-helpcenter.iam.gserviceaccount.com	Enabled	Create Teams		78df830c67e266e185b2a202caea5	⋮

Assign a name and description to your service account (for example, “Edit Equipment”) and click **CONTINUE**.

The screenshot shows the Google Cloud IAM and administrator console for the 'Fractal One - Helpcenter' project, specifically the 'Create service account' wizard. The 'Create service account' step is highlighted with a red box. The wizard is divided into three steps: 1. Create service account, 2. Permissions(optional), and 3. Main with access(optional). The first step is currently active, showing fields for 'Service account name' (EDITAR EQUIPOS), 'Service Account ID' (editar-equipos), 'Email address' (id@fractal-one-helpcenter.iam.gserviceaccount.com), and 'Service Account Description'. A 'Create and continue' button is visible. The second step, 'Permissions(optional)', is also visible, showing a 'Conclude' button highlighted with a red box.

4. In the list, find the account you just created and click on it.

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IAM and administrator / Contas de serviço

Service accounts + Create service account Delete Manage access To update Learn more

Service accounts for the "Fractal One - Helpcenter" project

A service account represents a Google Cloud service identity, such as code running on Compute Engine VMs, App Engine applications, or systems running outside of Google. [Learn more about service accounts.](#)

Organization policies can be used to secure service accounts and block risky service account features, such as automatic IAM Grants, key creation/upload, or service account creation entirely. [Learn more about service account organization policies.](#)

Filter Insira o nome ou o valor da propriedade

☐	E-mail	Status	Name ↑	Description	Key code	Actions
☐	asociar-activo-a-un-plan-de-mt@fractal-one-helpcenter.iam.gserviceaccount.com	Enabled	Associate asset with a mtto plan		74a9120e564b6317d14be1f5ea0	⋮
☐	crear-equipos@fractal-one-helpcenter.iam.gserviceaccount.com	Enabled	Create Teams		78df830c67e266e185b2a202cae	⋮
☐	edit-equipos@fractal-one-helpcenter.iam.gserviceaccount.com	Enabled	EDIT EQUIPMENT		No key	⋮

Service account created

5. Go to the **KEYS** tab.

6. Click on **ADD KEY > Create new key**.

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IAM and administrator / Contas de serviço / Conta de serviço: 116354228228094995252 / Chaves

EDIT EQUIPMENT

Details Permissions **Keys** Metric Records Main with access

Keys

Service account keys can pose a security risk if compromised. We recommend avoiding downloading service account keys. Instead, use Workload Identity Federation. [Learn more about the best way to authenticate service accounts in Google Cloud.](#)

Google automatically disables service account keys detected in public repositories. This behavior can be customized using the "iam.serviceAccountKeyExposureResponse" organization policy. [Learn more](#)

Add a new key pair or upload a public key certificate for the existing pair.

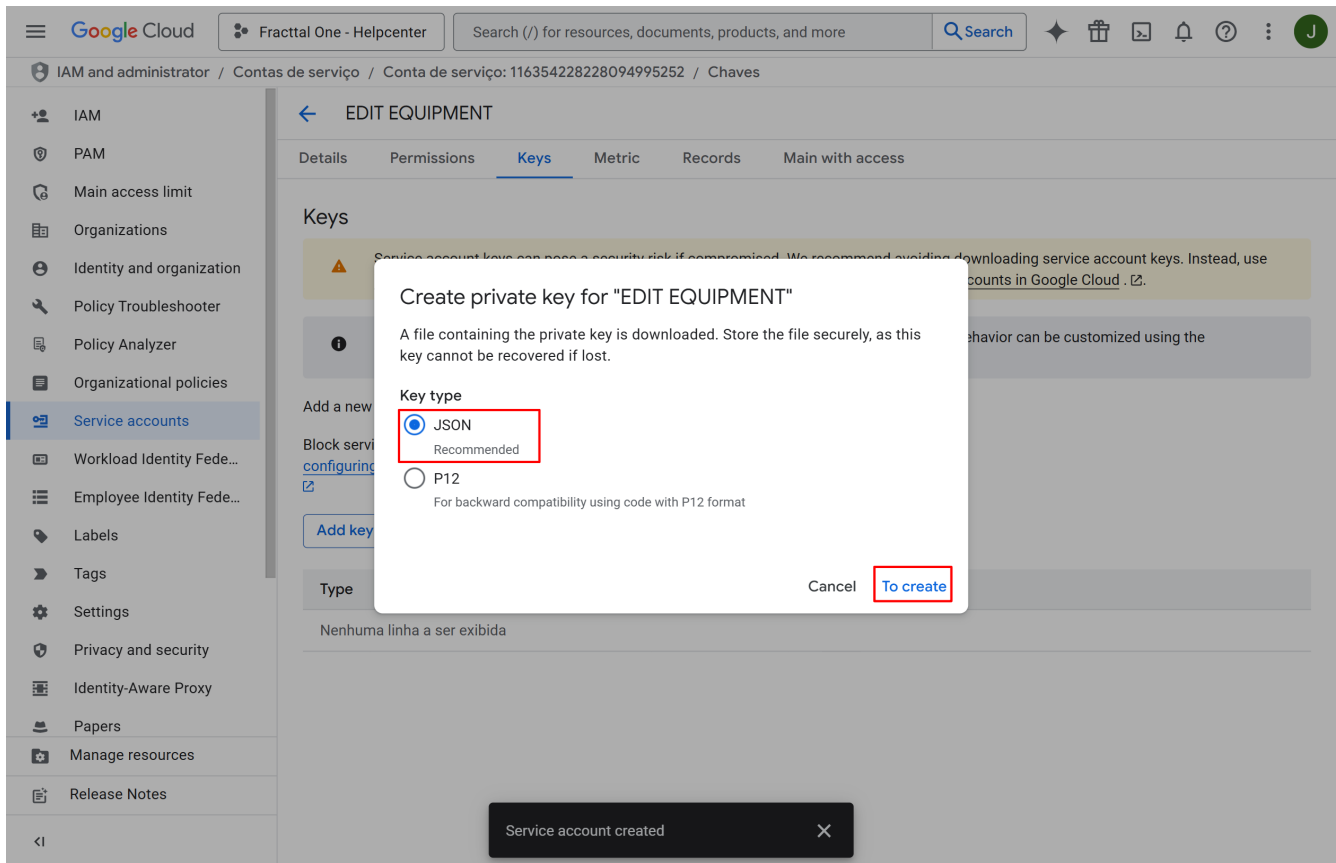
Block service account key creation using [organization policies](#). [Learn more about configuring organization policies for service accounts.](#)

Add key

Type	Status	Key	Date of creation	Expiration date
Nenhuma linha a ser exibida				

Service account created

7. Select the key type **JSON** and click on **CREATE**. A .json file will be downloaded to your computer. Store it in a safe place, as it contains your access credentials.



Step 2: Preparing the Google Sheets Spreadsheet

Now we will prepare the sheet that will contain the data to be updated.

1. Create a new sheet in Google Sheets.
2. Assign a descriptive name to the sheet (e.g., Edit Equipment).

Share the sheet:

1. Go back to your Service Account page in Google Cloud and copy its email address.

2. In your sheet, click on **Share**.

The screenshot shows the 'Share' dialog for a Google Sheet titled 'Asset List'. At the top, there is a back arrow icon and a settings gear icon. Below the title, a section labeled 'People with access' is visible. Under this section, there is a user icon and the label 'Owner'. Below the owner information, there is a text input field containing 'Add people and groups' and a dropdown menu currently set to 'Editor'. The email address 'edit-equipos@fracttal-one-helpcenter.iam.gserviceaccount.com' is pasted into the input field. At the bottom left, there is a 'Copy link' link, and at the bottom right, there is a blue 'Send' button.

3. Paste the Service Account email, assign it **Editor** permission, and click **Send**.

Column Structure:

The first row must contain the names of the fields you want to update. The code field is mandatory to identify which asset will be modified.

code	id_type_item	group
HUB-001	2	VANS

Field Definitions:

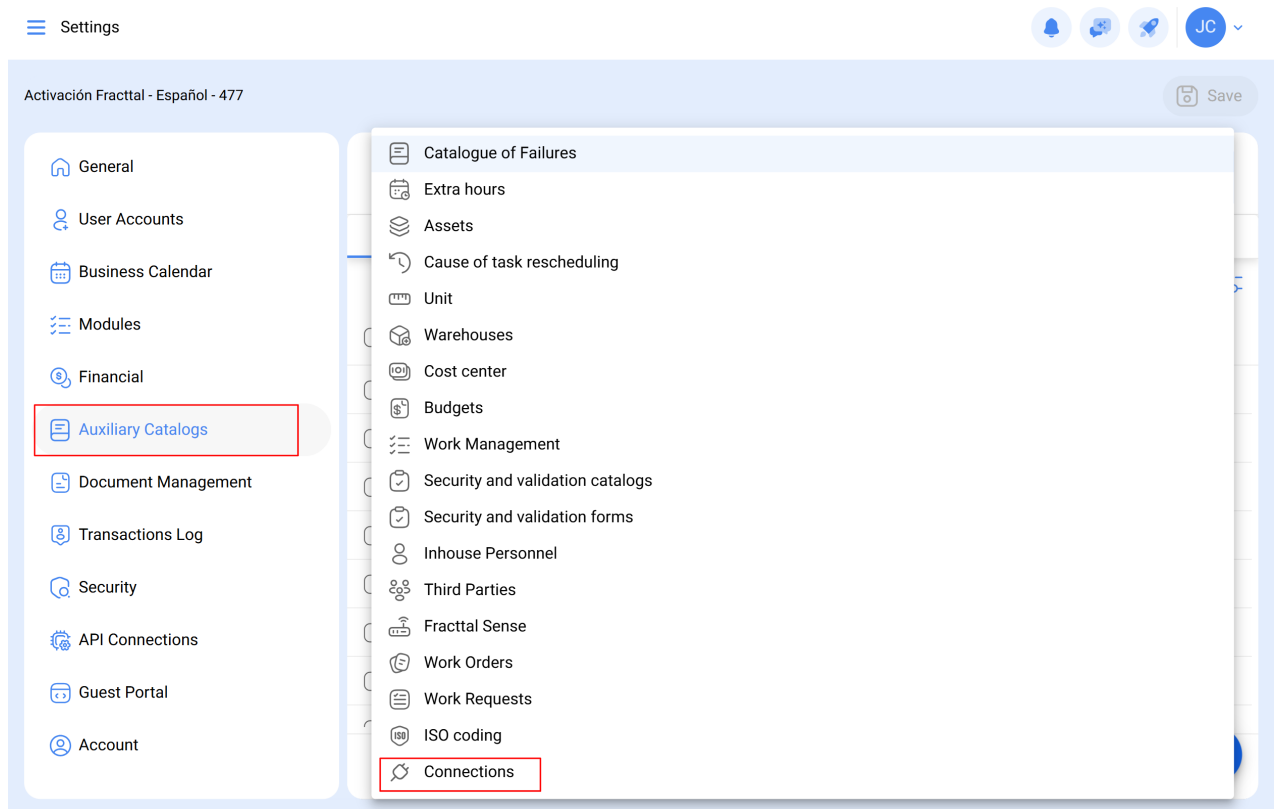
- **code (Required):** Unique code of the asset already existing in Fractal One.
- **id_type_item (Required):** Numeric ID of the asset type (e.g., 2 for Equipment).
- **group (Required):** The "Type" of the asset. The value must match exactly with one already registered in **Auxiliary Catalogs > Assets**.

Important: To know what other fields can be updated, consult the documentation of our API at the endpoint “Update an asset.” For more information on custom fields, review the article on [What are custom forms?](#)

Step 3: Creating the Connection in Fractal One

With the credentials ready, we will create the connection bridge between Fractal One and Google Sheets.

1. In Fractal One, go to **Settings > Connections**.



2. Click on the + icon to add a new connection

Settings

Activación Fractal - Español - 477

Save

Information
You have pending changes to save!

General

User Accounts

Business Calendar

Modules

Financial

Auxiliary Catalogs

Document Management

Transactions Log

Security

API Connections

Guest Portal

Account

Type

Connections

Description ↑	Type
EDITAR EQUIPO	Google Sheet (Service Account)
AFJ CONEXION GOOGLE SHEET	Google Sheet (Service Account)
AFJ - Notificaciones 09.06.2025	WhatsApp
Conexion con GoogleSheet Fabian	Google Sheet (Service Account)
Conexion google sheet	Google Sheet (Service Account)
Conexión Google Sheet	Google Sheet (Service Account)
CONEXIÓN GOOGLE SHEET FERNANDO	Google Sheet (Service Account)
Demo WhatsApp	WhatsApp

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+

3. Select the type **Google Sheet (Service Account)**.

4. Add a **Description** (e.g., "Edit Equipment").

Settings

Activación Fractal - Español - 477

General

User Accounts

Business Calendar

Modules

Financial

Auxiliary Catalogs

Document Management

Transactions Log

Security

API Connections

Guest Portal

Account

Type

Connections

Description ↑	Type
AFJ CONEXION GOOGLE SHEET	G
AFJ - Notificaciones 09.06.2025	W
Conexion con GoogleSheet Fabian	G
Conexion google sheet	G
Conexión Google Sheet	G
CONEXIÓN GOOGLE SHEET FERNANDO	G
Demo WhatsApp	W
Integración googlesheet Imènec	G

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←

✓

Type

Google Sheet (Service Account)

Description

EDITAR EQUIPO

Type

service_account

project_id *

private_key_id *

private_key *

client_email *

editar-equipos@fractal-one-helpcenter.iam.gserviceaccount.

client_id *

11635422828094995252

client_x509_cert_url *

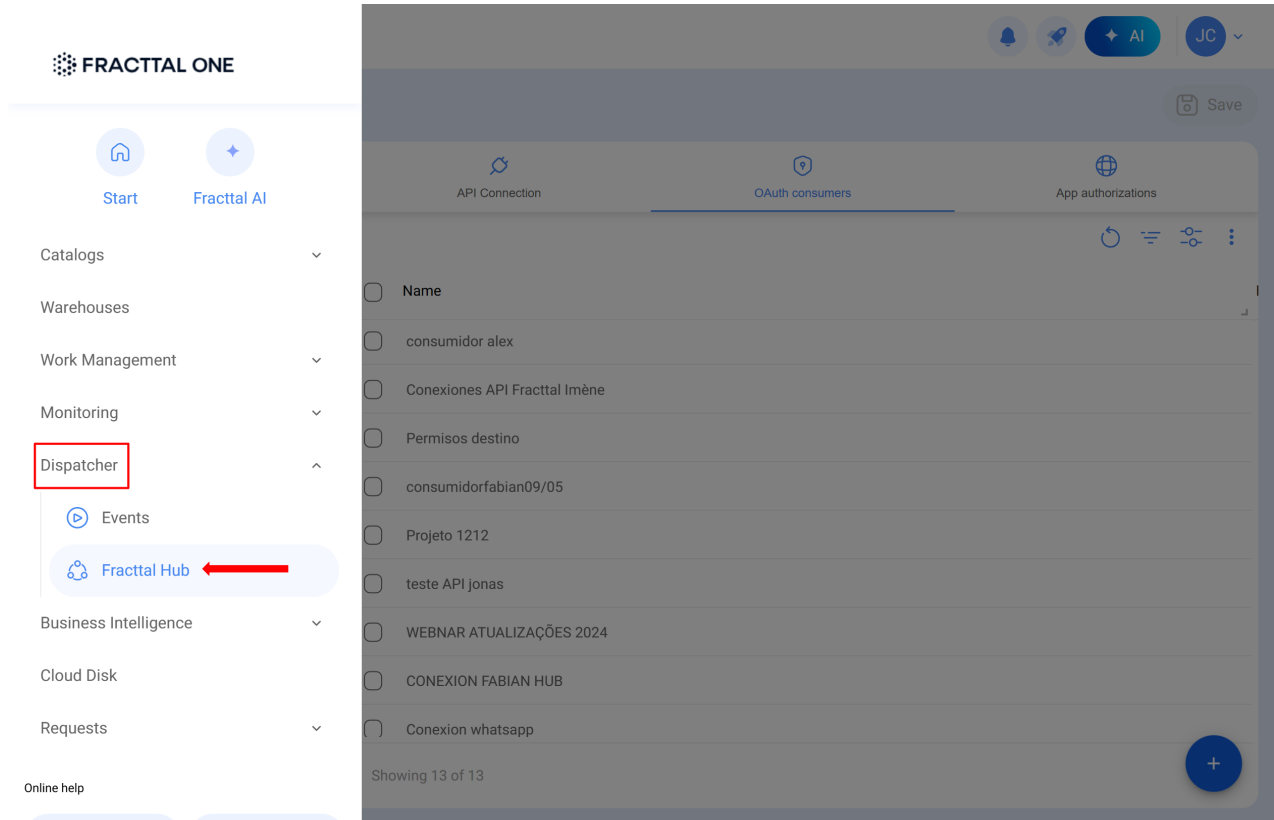
https://www.googleapis.com/robot/v1/metadata/x509/editar

5. Open the .json file you downloaded in Step 1 and copy the content of each field (project_id, private_key, client_email, etc.) into the fields of the Fracttal One form.
6. Click on the **Save** icon in the upper right corner.

Step 4: Creating the Rule in Fracttal Hub

In this final step, we will configure the automation logic.

1. Access the menu **Automator > Fracttal Hub**.



2. Click on the + icon to create a new rule.

Fractal Hub

Search...

Refresh Filter Settings

☐	Enabled	Description	Last Date	Trigger
☐	Yes	Notificación de nuevas órdenes de servicio de Whatsapp (P...	2025-07-02 12:54	Event
☐	Yes	actualización de horometro	2024-11-22 18:15	Schedule
☐	Yes	AFJ. 09.06.2025. Conex. Wpp	2025-06-09 09:57	Event
☐	Yes	Lecturas fuera de Rango (Rangel)	2023-03-22 17:51	Event
☐	☒ Yes	Consulta subtaeas Fractal Fabian	2024-12-18 20:26	Manual
☐	☒ Yes	Projeto LCS 1212	2024-12-12 18:12	Manual
☐	Yes	Lecturas fuera de rango	2023-03-22 17:51	Event
☐	☒ Yes	webnar 2024	2024-12-17 23:06	Manual
☐	Yes	Notificación de nuevas órdenes de servicio de Whatsapp (E...	2025-05-23 22:20	Event
☐	No	Comunicación Fractal One	2024-09-05 21:53	Event
☐	☒ Yes	BODEGAS FAC - MEDIDORES	2025-01-20 16:56	Manual

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3. Add a **Description** like “Edit Equipment.”

Fractal Hub

Save

Enabled ☒

Required Information

- Source configuration cannot be empty
- Target connection settings cannot be empty
- Mapping to destination configuration cannot be empty

Flow

Execution history

Event queue

Flow settings

Description

EDITA EQUIPO

Trigger Source

Select One

Connection Settings

Source Filter Target

Configure the flow:

Trigger: Select **Manual**.

Fractal Hub

🔔

🔧

🚀

JC

←

Save

Enabled ☒

⚠️ Required Information

- Source configuration cannot be empty
- Target connection settings cannot be empty
- Mapping to destination configuration cannot be empty

🔗 Flow

🕒 Execution history

🕒 Event queue

Flow settings

Description

EDITA EQUIPO

▶

Trigger

🔌

Source

→

⋮

Select One

→

⚡

Connection

⚙️

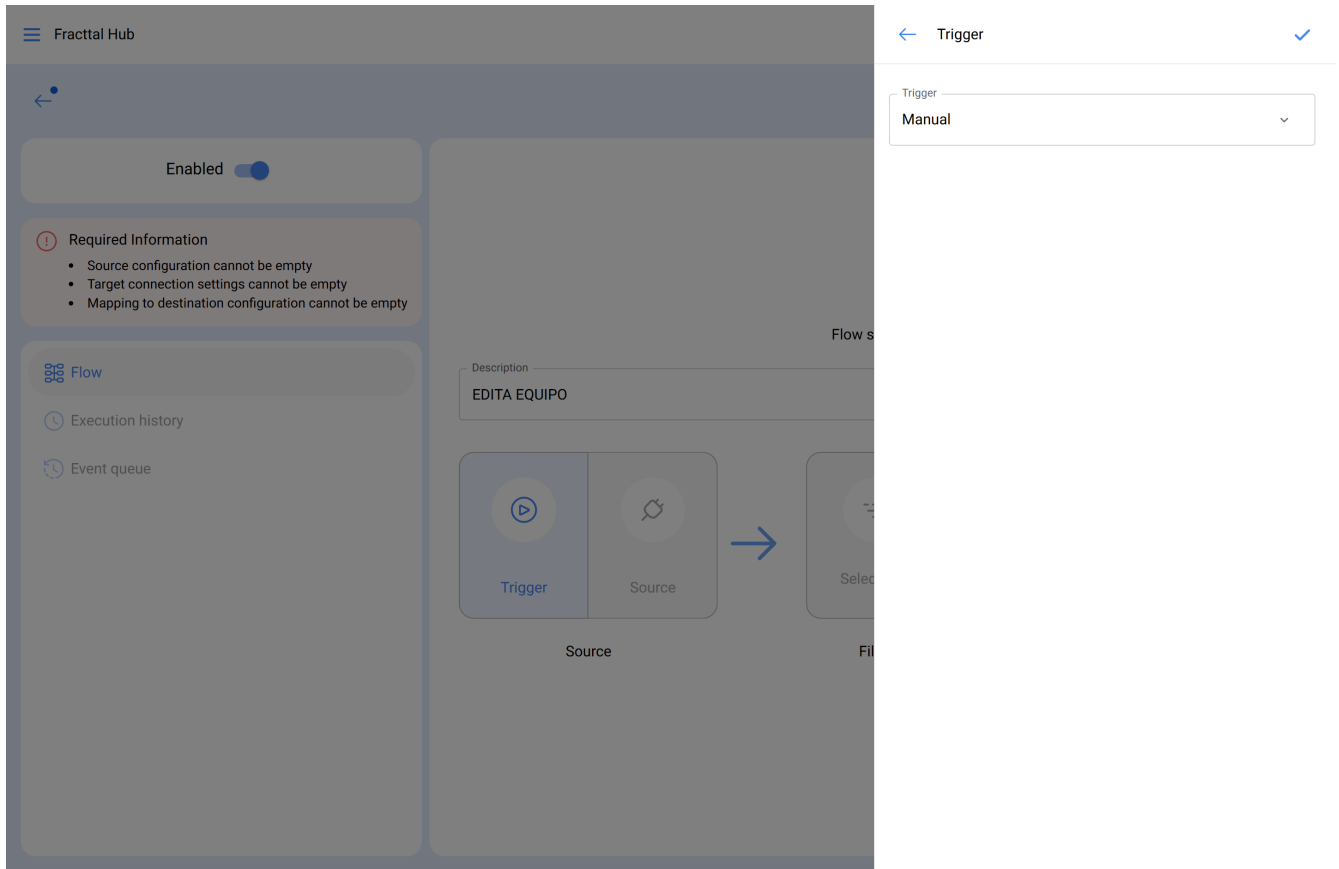
Settings

Source

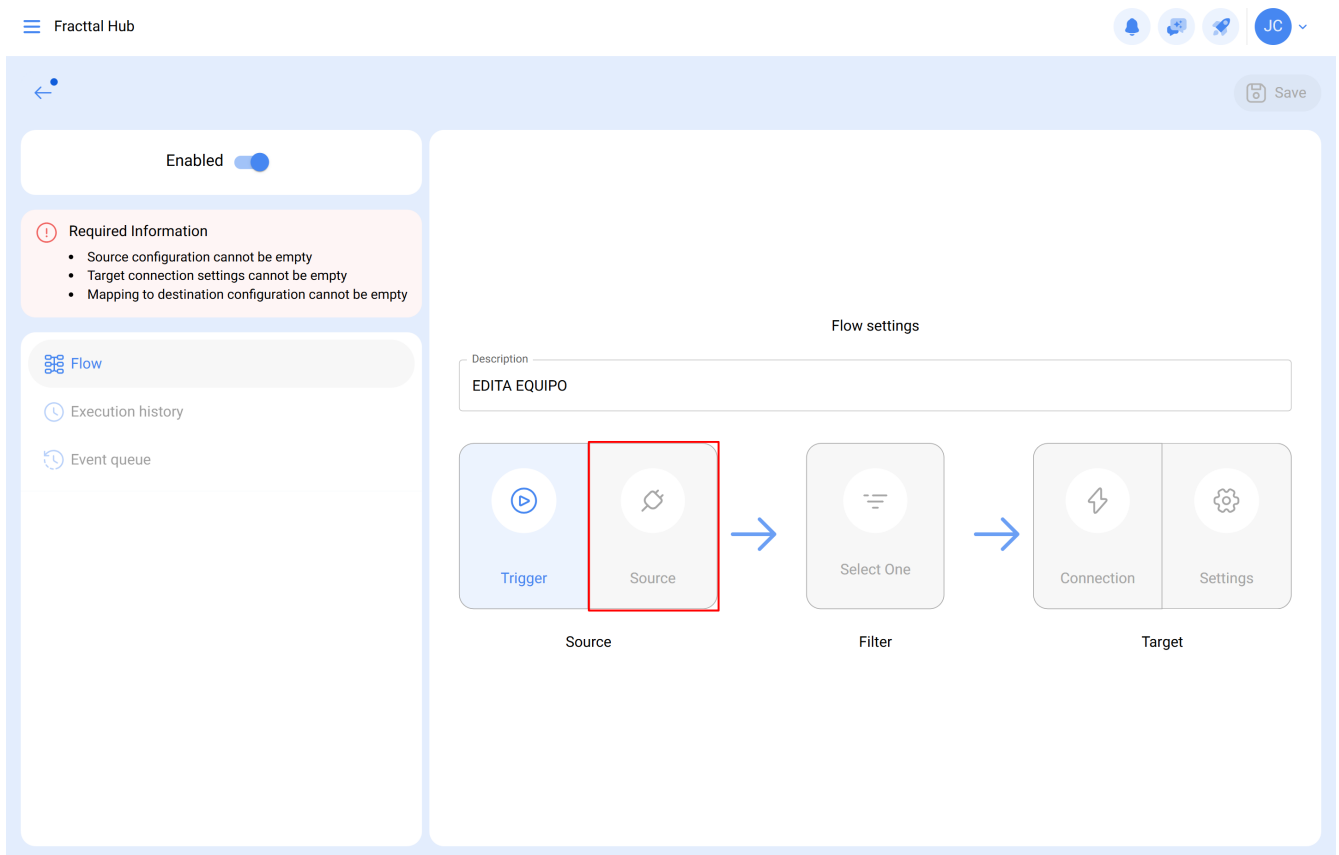
Filter

Target

10/14



Source:



- **Module:** GoogleSheet
- **Connection:** Select the connection created in Step 3
- **Action:** Read
- **spreadsheet_id:** Copy the ID of your sheet
- **sheet:** Type 0 to select the first tab
- **Fields:** Add the column names (code, id_type_item, group)

The screenshot shows the Fractal Hub interface. On the left, there's a sidebar with 'Enabled' toggle, 'Required Information' (Target connection settings cannot be empty), and 'Flow' section with 'Execution history' and 'Event queue'. The main canvas shows a flow with a 'Trigger' block and a 'Source' block. A 'Source' settings panel is open on the right, showing configuration for the GoogleSheet module.

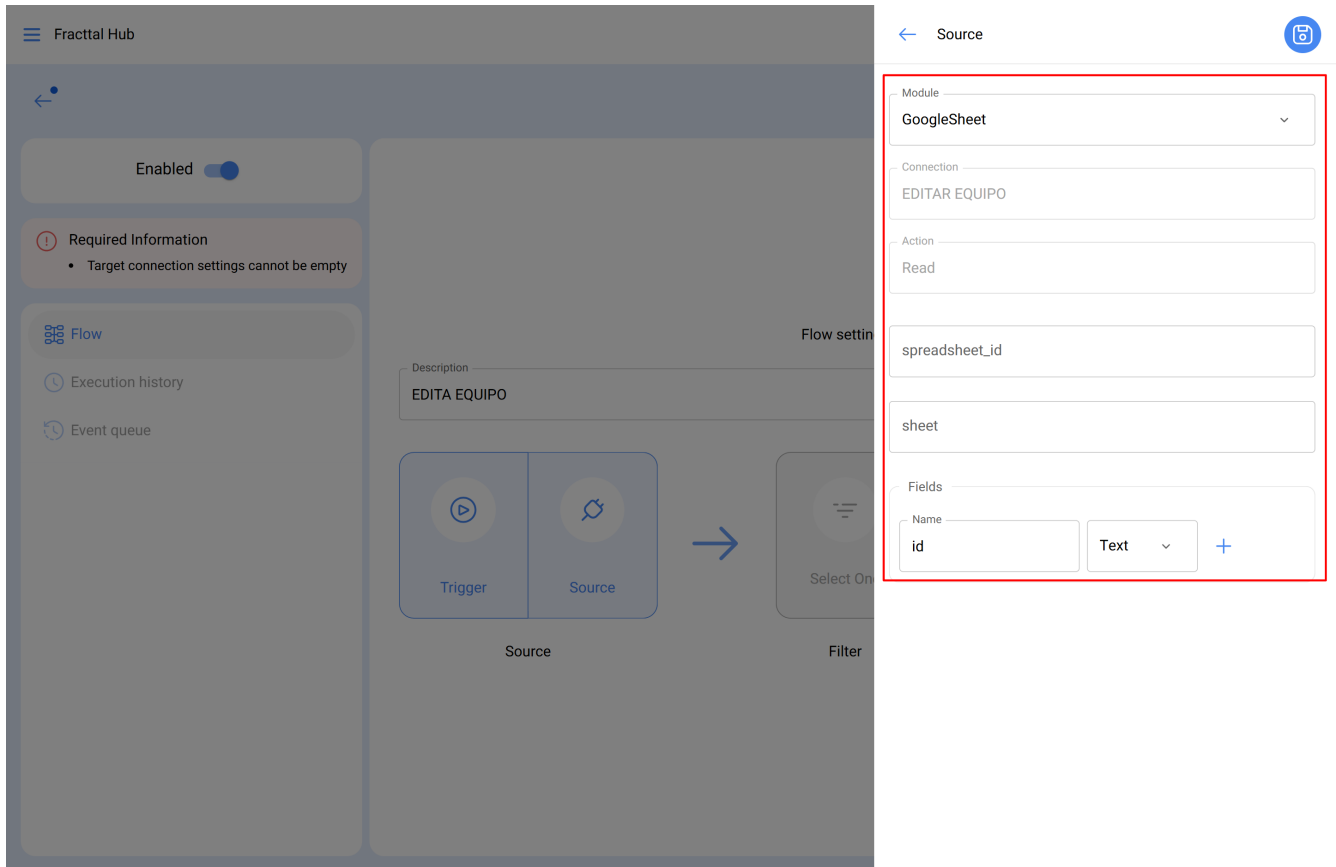
Source Settings Panel:

- Module:** GoogleSheet
- Connection:** EDITAR EQUIPO
- Action:** Read
- spreadsheet_id:**
- sheet:**
- Fields:**
 - Name: Code, Type: Text
 - Name: id_type_item, Type: Text
 - Name: group, Type: Text

Connection:

The screenshot displays the Fractal Hub interface for configuring a flow. On the left sidebar, there is a toggle for 'Enabled' which is turned on. Below it, a 'Required Information' section contains a message: 'Target connection settings cannot be empty'. Further down, a 'Flow' section lists 'Execution history' and 'Event queue'. The main workspace is titled 'Flow settings' and contains a description field with the text 'EDITA EQUIPO'. Below the description, a flow diagram is shown with three stages: 'Source', 'Filter', and 'Target'. The 'Source' stage consists of 'Trigger' and 'Source' modules. The 'Filter' stage has a 'Select One' module. The 'Target' stage has 'Connection' and 'Settings' modules. The 'Connection' module in the Target stage is highlighted with a red border. A 'Save' button is located in the top right corner of the main workspace.

- **Module:** Fractal
- **Connection:** FRACTTAL HUB
- **Action:** Select Read



Configuration (Field Mapping):

- Map the fields from your sheet (Source) with those of the system (Destination). For example:
- Click on the **save** (✓) icon to confirm the mapping.

Step 5: Execution and Verification

1. After configuring the rule, click on **Save** in the upper right corner.
2. To start the process, click on **Run**.
3. You can monitor the progress in the **Execution History**. A successful process will show "Yes" in the Extraction, Transformation, and Load columns, along with a response code "200".

Finally, access the Assets module and verify that your equipment information has been updated according to the data from the sheet.

With these steps, you will be able to keep your asset database updated quickly, in bulk, and automatically.