

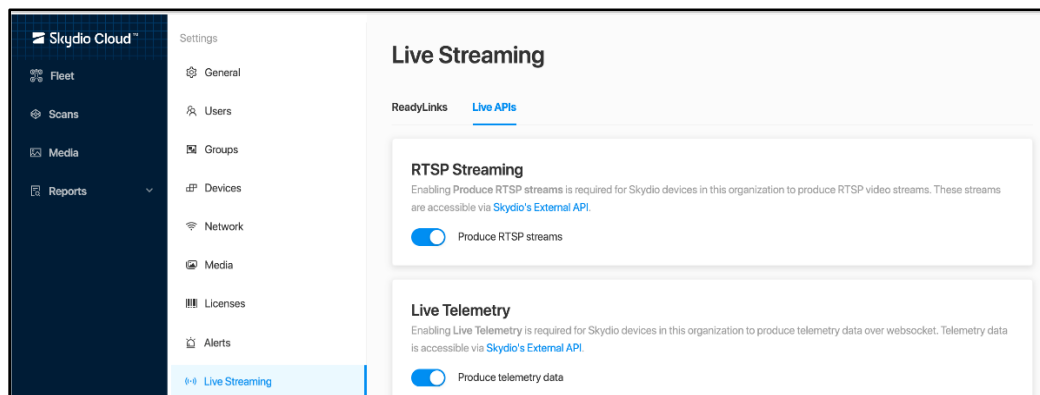
Skydio Integration

Follow these steps to successfully integrate a Skydio account with the FususONE platform.

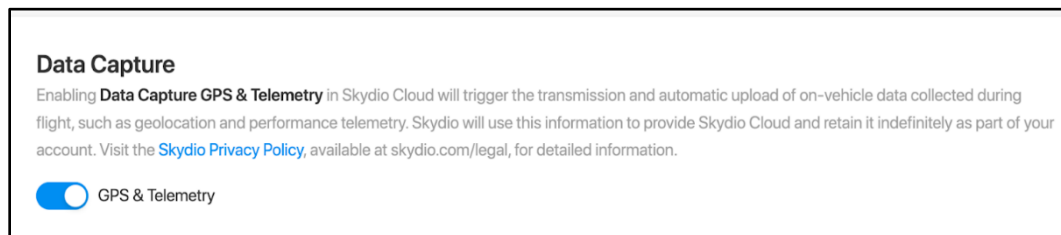
Customer prerequisites

These are the prerequisites for the Skydio integration with FususONE:

1. The Skydio Cloud account is set up.
2. On cloud.skydio.com, go to **Settings > Live Streaming > Live APIs tabs** and toggle **RTSP Streaming** and **Live Telemetry On**.



3. Enable data capture by going to **Settings > General > Data Capture** and toggle **GPS & Telemetry On**.



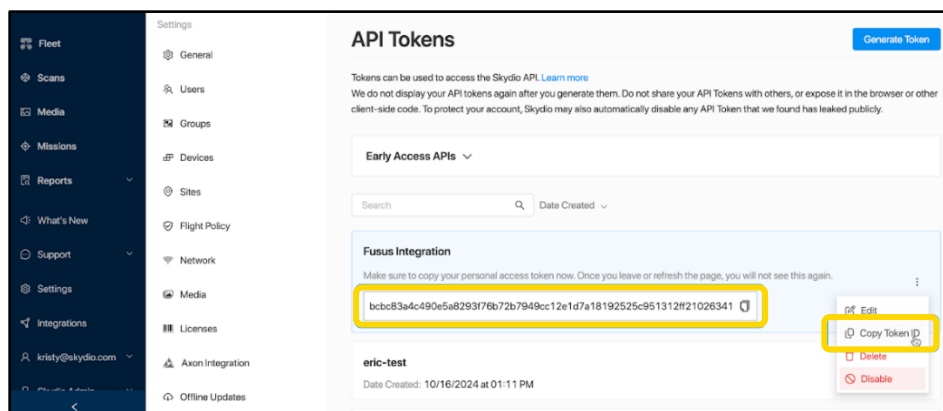
Skydio enterprise configuration (customer)

To create an Application Programming Interface (API) token in Skydio:

1. Create a new API key with read-only for all functions by selecting **Settings > API Tokens > Generate Token**.
2. Name the token and configure it with the following permissions:
 - a. **Flight Telemetry**: read only
 - b. **Flights**: read only
 - c. **Live Stream**: read only
 - d. **Live Telemetry**: read only
 - e. **Vehicles**: read only
 - f. **Webhook Validation**: read only
3. Select **Generate**.
4. Immediately copy the **API token secret key** (personal access token) and **Token ID**.

Important: You must copy the secret key immediately or leave the browser tab open since it is only shown once and is required for Fusus integration.

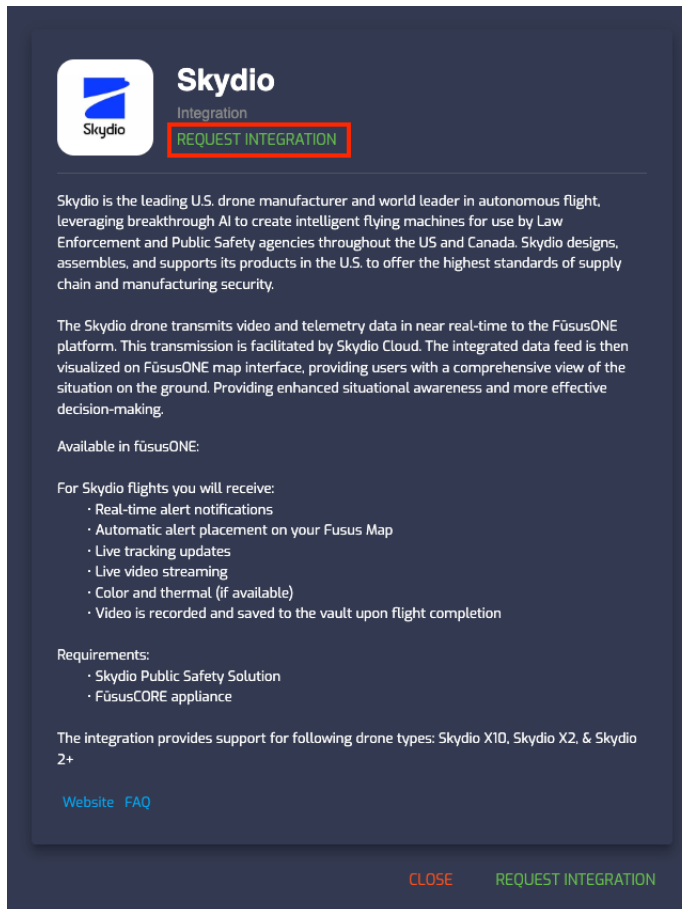
- a. Edit the **API Token Secret** in Skydio.
- b. Copy the **Token ID** from the URL (after **token/**).



FususONE configuration

Skydio integration is self-serve enabled in the App Store. To configure the integration in FususONE:

1. Navigate to the [Fusus App Store](#) in a new browser tab (keeping your Skydio **API token secret key** open in the other tab window).
2. In the Fusus App Store, select **Skydio** from the **Available** section.
3. Select **Request Integration**.



Skydio
Integration
REQUEST INTEGRATION

Skydio is the leading U.S. drone manufacturer and world leader in autonomous flight, leveraging breakthrough AI to create intelligent flying machines for use by Law Enforcement and Public Safety agencies throughout the US and Canada. Skydio designs, assembles, and supports its products in the U.S. to offer the highest standards of supply chain and manufacturing security.

The Skydio drone transmits video and telemetry data in near real-time to the FususONE platform. This transmission is facilitated by Skydio Cloud. The integrated data feed is then visualized on FususONE map interface, providing users with a comprehensive view of the situation on the ground. Providing enhanced situational awareness and more effective decision-making.

Available in fususONE:

For Skydio flights you will receive:

- Real-time alert notifications
- Automatic alert placement on your Fusus Map
- Live tracking updates
- Live video streaming
- Color and thermal (if available)
- Video is recorded and saved to the vault upon flight completion

Requirements:

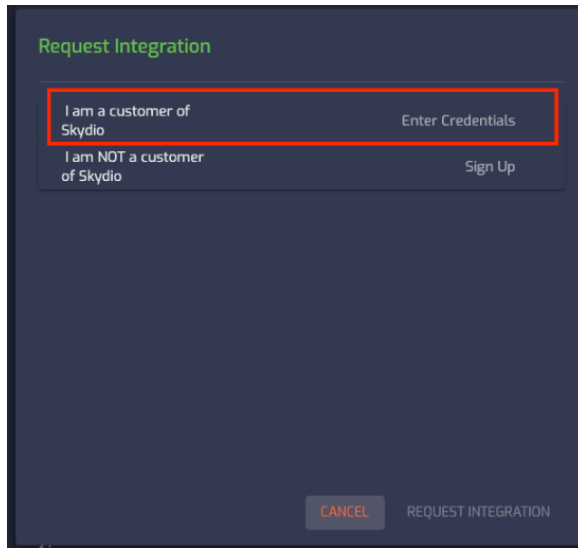
- Skydio Public Safety Solution
- FususCORE appliance

The integration provides support for following drone types: Skydio X10, Skydio X2, & Skydio 2+

[Website](#) [FAQ](#)

CLOSE **REQUEST INTEGRATION**

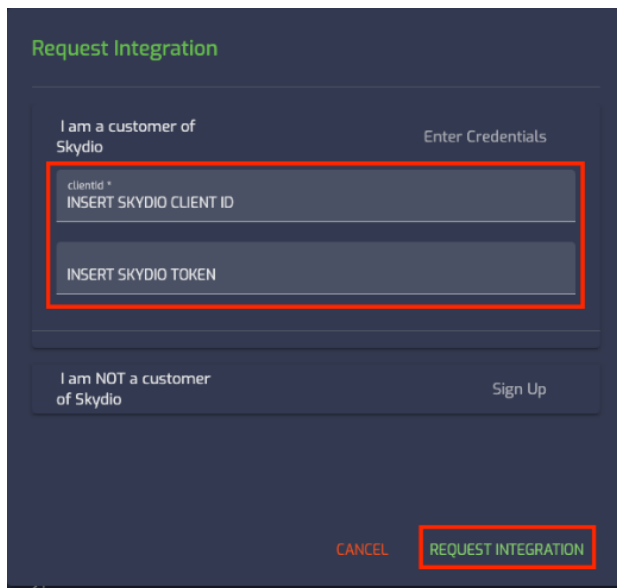
4. Select **I am a customer of Skydio**.



The screenshot shows a dark-themed 'Request Integration' form. At the top, the title 'Request Integration' is in green. Below it, there are two radio button options. The first option, 'I am a customer of Skydio', is selected and highlighted with a red rectangular box. To its right is the text 'Enter Credentials'. The second option is 'I am NOT a customer of Skydio', with 'Sign Up' to its right. At the bottom of the form, there are two buttons: 'CANCEL' and 'REQUEST INTEGRATION'.

5. Enter your Skydio API credentials.

- a. Enter **Client_ID** (API Token ID from step 4.b of the previous section).
- b. Enter **Secret Key** (API Token Secret from step 4.a of the previous section).

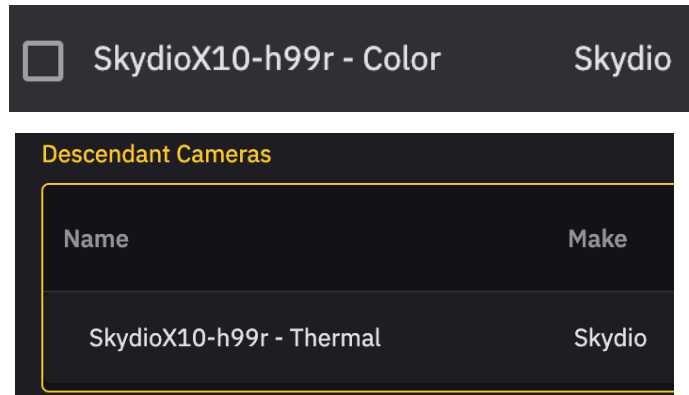


The screenshot shows the 'Request Integration' form with the 'I am a customer of Skydio' option selected. Two input fields are visible, both highlighted with red rectangular boxes. The first field is labeled 'clientid *' and contains the text 'INSERT SKYDIO CLIENT ID'. The second field is labeled 'SECRET *' and contains the text 'INSERT SKYDIO TOKEN'. The 'REQUEST INTEGRATION' button at the bottom right is also highlighted with a red rectangular box.

6. Click **Request Integration**. This will enable the integration.

7. Follow the instructions in the next section to add a token in the Skydio self-serve page to use for webhooks and alerts in Skydio Cloud. Integration will create camera objects for all registered drones in the enterprise account.

Note: Skydio2 and Skydio2+ will have a single stream, while X2 and X10 will have a color and thermal stream. Thermal cameras can be found on Fusus Camera page by selecting the Color camera.

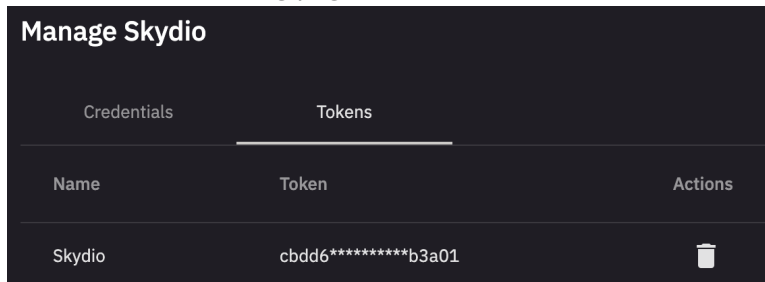


Generate FususONE webhook token for Skydio Cloud

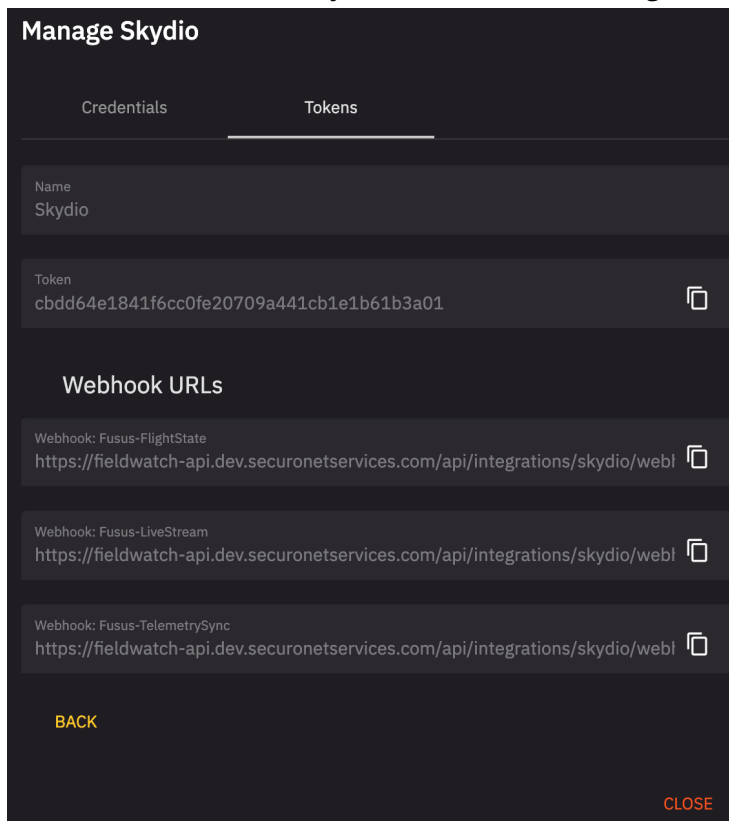
After the Skydio self-serve integration has been added, follow these steps to generate the webhook token for Skydio Cloud:

1. Select **Skydio** in the [Fusus App store](#) under **Installed Apps**.
2. Select **Manage**.
3. Select the **Tokens** tab.
4. If no token has been added, select **Add**.
 - a. Provide a name for this token (i.e., **Skydio-prod**).
 - b. Select **Add Token**.

5. Go back to the existing page and click one of the added tokens.



6. The token and the list of webhook URLs are available to copy for setting up the webhooks and alerts in Skydio Cloud in the following section.



Create webhooks and alerts in Skydio Cloud

To create the webhooks and alerts in Skydio Cloud:

1. Create the three webhook endpoints for integrations in Skydio using the webhook URLs provided in the Fusus integration:

Example URL with Token:

https://api.fususone.com/api/integrations/skydio/webhook/live_stream/?token=bbe50719bd74a23c8623a65532ee91fa0b8d27d6

Note: Replace TOKEN in each URL with the token from the FususONE Skydio self-serve page or copy/paste the URLs directly under the webhook URLs.

- a. **Settings > Webhooks > Create Webhook >** enter the following names and URLs:
 - i. Name: **Fusus-FlightState**
 - ii. URL:
https://api.fususone.com/api/integrations/skydio/webhook/flight_state/?token=TOKEN
- b. Webhook #1:
 - i. Name: **Fusus-LiveStream**
 - ii. URL:
https://api.fususone.com/api/integrations/skydio/webhook/live_stream/?token=TOKEN
- c. Webhook #2:
 - i. Name: **Fusus-TelemetrySync**
 - ii. URL:
https://api.fususone.com/api/integrations/skydio/webhook/telemetry_sync/?token=TOKEN
- d. Webhook #3:
 - i. Name: **Fusus-TelemetrySync**
 - ii. URL:
https://api.fususone.com/api/integrations/skydio/webhook/telemetry_sync/?token=TOKEN

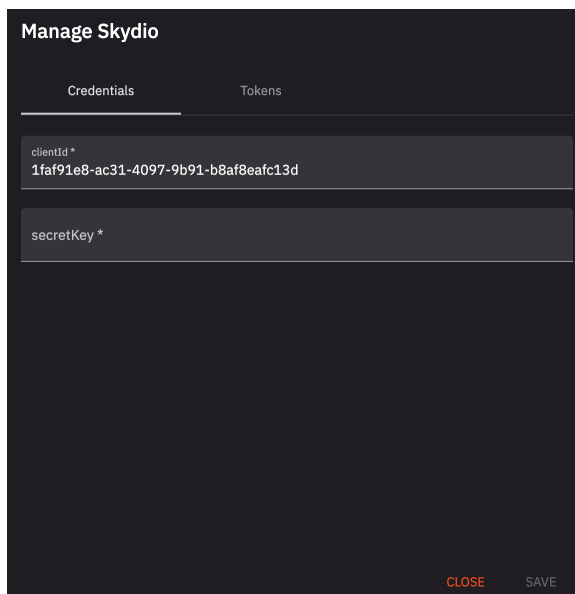
2. Create three alerts in Skydio Cloud to send the alerts by selecting **Settings > Alerts > Add Alert**.
 - a. Add alert:
 - i. **Alert Name:** Fusus-FlightState
 - ii. **Event:** Flight status changed
 - iii. Apply to entire organization or specific vehicles
 - iv. **Actions:** Select **Webhook** and choose the **Fusus-FlightState** webhook created in Step 1.
 - b. Add alert:
 - i. **Alert Name:** Fusus-LiveStream
 - ii. **Event:** Live stream status changed
 - iii. Apply to entire organization or specific vehicles
 - iv. **Actions:** Select **Webhook** and choose the **Fusus-LiveStream** webhook created in Step 1.
 - c. Add alert:
 - i. **Alert Name:** Fusus-TelemetrySync
 - ii. **Event:** Flight telemetry available
 - iii. Apply to entire organization or specific vehicles
 - iv. **Actions:** Select **Webhook** and choose the **Fusus-TelemetrySync** webhook created in Step 1.
3. Validate the following settings on the **General** tab in Skydio Cloud:
 - a. **Data Capture**
 - b. **Enable GPS & Telemetry**

4. Validate the following settings on the **Live Streaming** tab in Skydio Cloud:
 - a. **Live APIs > RTSP Streaming > Enable Produce RTSP Streams**
 - b. **Live Telemetry > Enable Produce telemetry data**
5. Go back to the **API token** and ensure it has **read-only** for all settings, including **Live Stream** and **Telemetry**.

Review Checklist

Review the following checklist to confirm all steps are completed:

1. Confirm in Skydio Cloud that the following Skydio features are enabled
 - a. RTSP live streaming
 - b. Live Telemetry
 - c. Data Capture
2. Confirm in Skydio Cloud that your Skydio API token has the proper permissions and is labeled for use with Fusus integration.
3. Confirm in Fusus App Store that the Skydio integration is now enabled. That the client ID is shown when clicking Manage. Note that the secret token will NOT be visible, only the client ID will be visible.



Manage Skydio

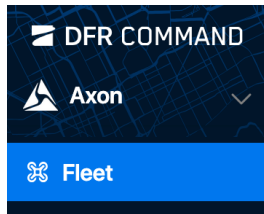
Credentials Tokens

clientId *
1faf91e8-ac31-4097-9b91-b8af8eafc13d

secretKey *

CLOSE SAVE

4. Confirm in Skydio Cloud there are three webhooks for /live_stream, /flight_state, and /telemetry_sync
5. Confirm in Skydio Cloud there are three alerts that are each configured to use one of each of the webhooks in the previous step.
6. To confirm that Fusus is syncing with Skydio, navigate to the Camera page on Fusus and search for Skydio. Link fususone.com/cameras/list/my?search=Skydio
 - a. Check that the drones appearing in the Fusus camera list match the serials of drones that are listed in Skydio Cloud on the fleet page.



Validate Drone Connection

To validate the integration:

7. Log into **Skydio Controller** with a pilot listed in Skydio Cloud.
8. Fly Skydio drone and begin livestream.
9. Log into FususONE and verify that the following is displayed on the FususONE map:
 - a. **Real-time alert notifications**
 - b. **Automatic alert placement on Fusus map**
 - c. **Live tracking updates**
 - d. **Live video streaming**
 - e. **Color and thermal (if available)**