Asset Tracker Developer API

Accessing Device Data Stream

There are two ways to access your device data via API: a pull model (1) and a push model (2).

1. You should pull your device data from Google Cloud Pub/Sub using the client library for your desired language. **This is the preferred option for accessing your data**.
    - Send request for "Google Pub/Sub" to Solution.Support@NimbeLink.com
    - NimbeLink will provide:
        - The endpoint for accessing your data
        - Credentials for accessing the Pub/Sub API
        - Additional Documentation
2. NLINK can push the data to your server through HTTPS POST requests subject to certain restrictions.
    - After you have successfully demonstrated pulling data via Pub/Sub, send request for "NLINK Push Data" to Solution.Support@NimbeLink.com to request details about the restrictions and costs for setting up a data push into your system.
    - Test your solution by using the Pub/Sub pull method and sending some records to your server using curl or similar tools.
    - If you prefer not to change your webhook application, you may create a process within your own infrastructure that subscribes to the Pub/Sub stream and sends that data to your server endpoint.

Configuring Device Parameters

Asset Trackers have several configuration parameters that affect the device operation. The NLINK REST API allows you to retrieve the desired configuration in the cloud and the current configuration on a device. The API allows you to update the desired configuration for a device.

- Send request for "NLINK REST API" to Solution.Support@NimbeLink.com
- NimbeLink will provide the OpenAPI specification for the API under NDA.
- If you choose to use the API, send a follow up request for "NLINK REST API credentials"
- NimbeLink will provide:
    - API key
    - Username and Password for accessing the API