

Teldio HALO Sensor Integration

Teldio Endpoint Setup

Follow this guide to create a POST endpoint in the Teldio Edge Gateway named 'halo'
[Teldio Edge Gateway API Guide](#)

Halo Sensor Setup

Navigate to IP address of your Halo Sensor, this can be found following the Halo sensor guide
[Halo Quick Start Guide](#)

After logging on you will be presented with the homepage

The dashboard displays the HALO SMART SENSOR logo, the Teldio brand name, and navigation options for Admin, Log Out, and About. A top navigation bar includes Dashboard, Graph, and Sensors. A central panel shows a grid of sensor status icons for Health Index, AQI, PM2.5, TVOC, CO2cal, NO2, Humidity, Temp C, Gunshot, Help, Vape, THC, Masking, Aggression, Tamper, and Motion. A data table at the bottom provides numerical values for these metrics.

| Temperature | Humidity | Pressure | Light Level | Health Index | AQI |
|-------------|---------------------|-----------------|----------------------|----------------------|-------|
| 21 °C | 46 %RH | 1017.5 hPa | 390 lux | 2 Moderate | - |
| TVOC | CO ₂ cal | NO ₂ | PM2.5 | PM10 | Sound |
| 6 ppb | 488 ppm | 1 ppb | 10 µg/m ³ | 10 µg/m ³ | 54 dB |

On the bottom of the page please select Integration

Integration ×

External Messaging

Integration Partner
--- Apply Settings --- ▾

Protocol
 TCP
 HTTP

Repeat Holdoff

sec

Set String

On
 Off
 👁

Reset String

PUT:https://server.com/path/info[JSONBODY>{"location":"%NAME%","event":"%EID%","ip":"%IP%"}

On
 Off
 👁

Above you can use:

| | | |
|------------------------|------------------------------|----------------------------|
| %NAME% - device name | %THR% - event threshold | %FWVER% - firmware version |
| %IP% - ip address | %VAL% - sensor value | \\ - 1 back slash |
| %MAC% - mac address | %DATE% - local date of event | \n - new line |
| %EID% - event id | %TIME% - local time of event | \r - carriage return |
| %SOURCE% - data source | %PSWD% - password | \u#### - hex char code |
| | %USER% - user | etc. |

User

Password

Save

Status: OK

Select HTTP as protocol, this is how we will connect to the Teldio Edge Gateway

Under Set String Enter:

POST:http://[IPofYourTeldioEdgeGateway](#)/app/teldio_api/halo?api_key=[YourAPIkey](#)[JSONBODY>{"location":"%NAME%","event":"%EID%","ip":"%IP%"}]

Ensure On is selected

Click Save

Final Steps

Following the TEG API Guide, create a behavior and select the event `custom_api_halo`. You can access the event information as follows:

When **custom_api_halo** from Teldio Events

Then **Raise a new alarm** via Alarm Management System

| | |
|------------------|----------------------------------|
| Source | <code>{{{post.event}}}</code> |
| Code | <code>{{{post}}}</code> |
| Text | <code>{{{post.ip}}}</code> |
| Location | <code>{{{post.location}}}</code> |
| Set Audio | <i>Empty</i> |