

MQTT Broker (Experimental) Import Integration

You can stream huge amounts of data from your MQTT client into Treasure Data using the Treasure Data MQTT broker. Use the Treasure Data MQTT broker to drive your unified customer experience across the physical and digital world.

Contact your Treasure Data Customer Success representative for more information and enablement.

- [Certification from your Device Manager and a Pipeline with MQTT Broker](#)
- [Prerequisites](#)
- [Steps to Enablement](#)

Certification from your Device Manager and a Pipeline with MQTT Broker

You can use your device manager to authenticate your end devices and then push data into Treasure Data using the certification of your MQTT client.

You can stream device activities into TD. You create a query that captures device activity.

The following image shows a device panel on the right and the query in Treasure Data that captures device activity:

The screenshot displays two browser windows. The left window shows the Treasure Data 'Queries / Untitled Query' editor. The query is: `SELECT * FROM button_table where time > 1561687241 ORDER BY time DESC`. Below the query, a table preview shows 14 rows of data with columns: #, button_count, Ab_endpoint_name, and # time. The right window shows a 'Device details - Pelion Device' panel for a device with ID /3200/0/5501. It displays a 'Digital Input - Digital Input Counter' with a value of 136 and a line graph showing the value increasing over time from 49 to 144 between 9:21:29 PM and 9:33:19 PM.

Prerequisites

- Treasure Data Account
- Devices from which you gather data
- Device Management system such as Pelion Device Management
- Access to the TD MQTT broker endpoint ([contact us](#) if you have an interest in IoT Platform)

Steps to Enablement

Complete the following steps.

Get your Treasure Data API Key

Retrieve your Write-Only API key from your profile in Treasure Data.

Obtain your TD MQTT Broker Endpoint

Treasure Data assigns an endpoint to your account. Read more about [Treasure Data Endpoints](#).

Prepare your MQTT client to Talk to MQTT Broker

Obtain your certificate from your MQTT client and work with Treasure Data to use the certification to enable the Treasure Data MQTT Broker.

Enablement varies, depending on your MQTT Client. You work with your Treasure Data contact to enable your MQTT Client.

Create Your Query

You can create queries in Treasure Data to verify ingest and starting activating your data.