



# Features

# Provision and manage devices and assets

Provision, monitor and control your IoT entities in secure way using rich server-side APIs. Define relations between your devices, assets, customers or any other entities.

The image shows a user interface for managing IoT devices. On the left, a 'Devices' table lists several entries with checkboxes and timestamps. On the right, a modal window titled 'Raspberry Pi Device' displays detailed information and management options.

Created time
2021-01-14 17:33
2020-07-29 04:34
2020-06-04 03:21
2020-05-16 11:01

### Raspberry Pi Device

Device details

- Details
- Attributes
- Latest telemetry
- Alarms
- Events

[Make device public](#) [Assign to customer](#) [Manage credentials](#)

[Copy device ID](#) [Copy access token](#)

Name  
**Raspberry Pi Device**

Device profile  
**default**

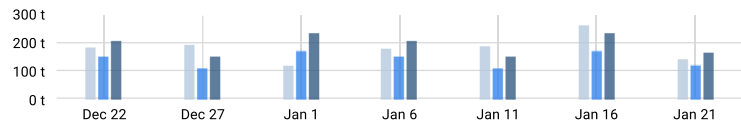
Label

Is gateway

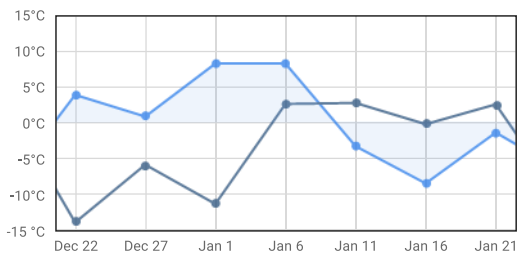
Description



### Silos weights



### Temperature fluctuations



### Humidity

**37.8%**

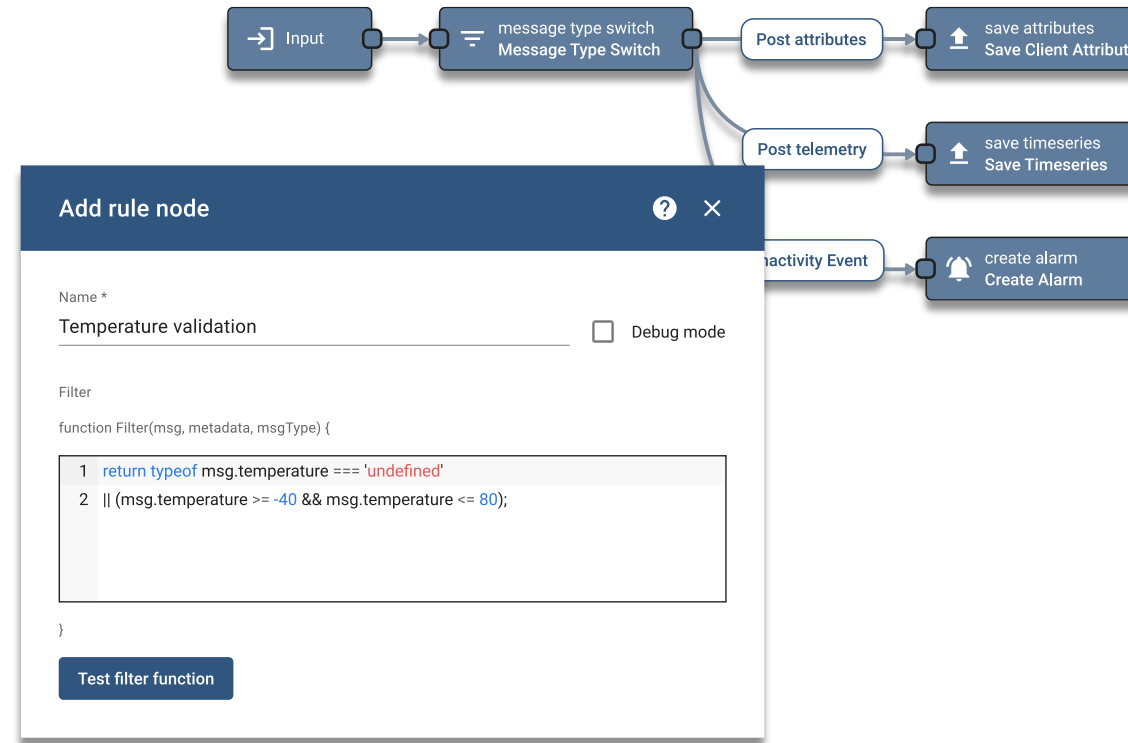


# Collect and visualize data

Collect and store telemetry data in scalable and fault-tolerant way. Visualize your data with built-in or custom widgets and flexible dashboards. Share dashboards with your customers.

# Process and React

Define data processing rule chains. Transform and normalize your device data. Raise alarms on incoming telemetry events, attribute updates, device inactivity and user actions.



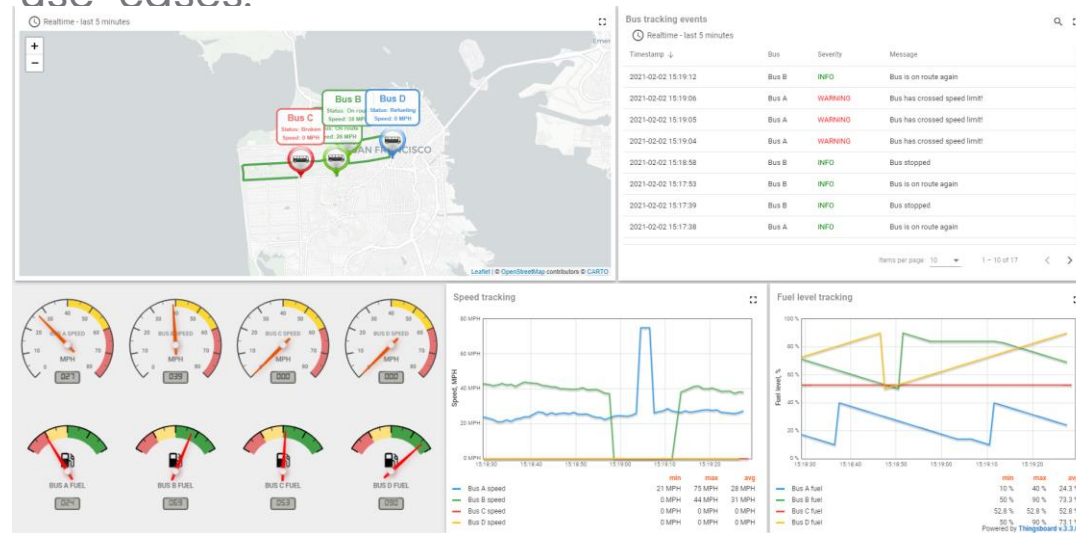
# Real-Time IoT Dashboards

ThingsBoard allows you to create rich IoT Dashboards for data visualization and remote device control in real-time. More than 30 customizable widgets allows you to build end-user custom dashboards for most IoT use-cases.

## Fleet tracking

ThingsBoard platform allows to track vehicles state and alerts via various sensors, plot vehicle routes in real-time and browse their sensors reading history at the same time using customizable high quality widgets and dashboards.

[More information](#) >



## Smart farming

Collect important indicators for your agricultural production such as weather conditions or facilities state via IoT sensors and visualize them using end-user customizable dashboards provided by ThingsBoard platform.

[More information >](#)



# Product DEMO