Are you missing IOT Business Value?

IOT Tracking Device battery health? Missed reading and updates? Other device health issues causing mis-information to customers?

- Battery health of IOT devices are critical metrics for your business
  - Finding and replacing these devices should be easy and fast
- IOT devices not reporting? Bad sensor or GPS or radio transmitter?
  - IOT health metrics contain multiple data items but many times ignored
- Leads to frustration to customers and employees using the devices

Discovering new value in your IOT environment

Leveraging existing real-time IOT metrics from messaging and databases, to find and `**see**' new value.

- Battery status is reported and stored in a database, combine with real-time reporting interval can show device's "real" health
- "Radio transmitter" metrics combine with "battery level" can show future failures of devices

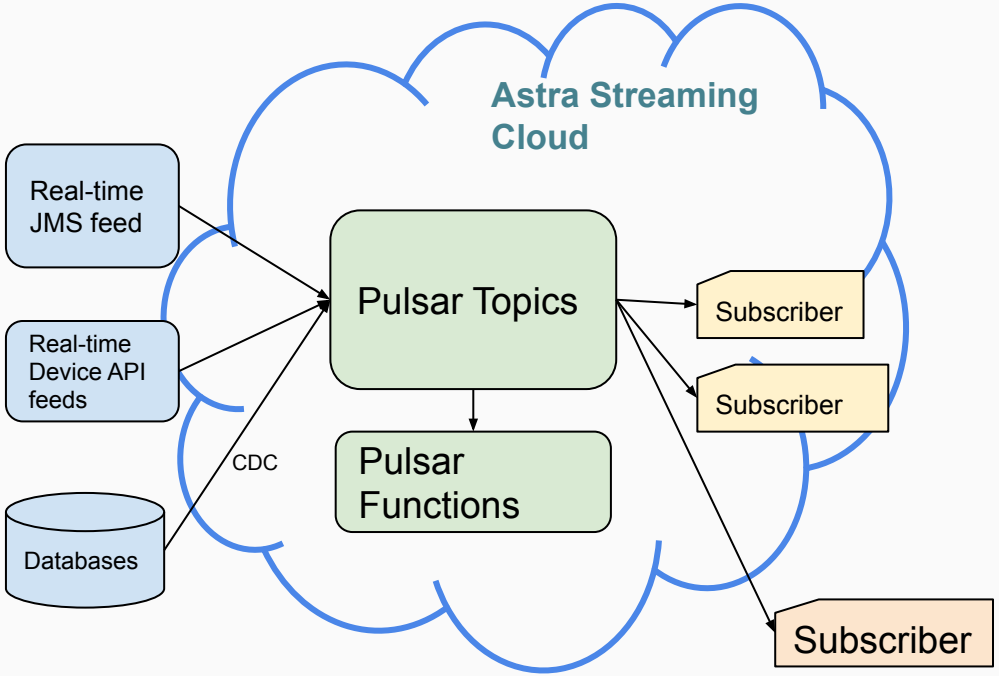
How To?
Use your IOT data now!

Combine IOT streams with Pulsar to discover new value and metrics

CDC from databases in Pulsar

Leverage existing real-time data/messages (JMS / MQTT)

Use Pulsar Functions to create, find, produce new IOT value



What and Why Astra Streaming?

Astra Streaming is Apache Pulsar-as-a-Service!

Pulsar is a complete messaging/streaming platform (open source), highly scalable, feature rich to support complex messaging requirements. High-availability architecture, Geo-Replication built-in, and multiple deployment options (K8, bare-metal)

Easy to use and integrate into your IT environment. Many “connectors” enable quick access to existing messaging feeds and CDC (change data capture) for database integration.

Solution

Easy deployment, lower support cost, boost IOT business value from existing data!