Event Driven Architecture for Realtime Devices Management(MOPL Model)

Operational Support Team

A

L2(PDs, EMail, SMS)

IoT Devices

Mobile Devices

Meters & sensors

Web platform

MOPL Model

Aws IoT Core

MQTT

Firehose

Data Transfers/Streaming

Data Tranformation(Error Handling)

Iceberg

Operational Support Teasm Dashboards

dynatrace

New Relic.

splunk>

L3(PDs, EMail, SMS)

A

Leadership Dashboards

tableau

Leadership Team
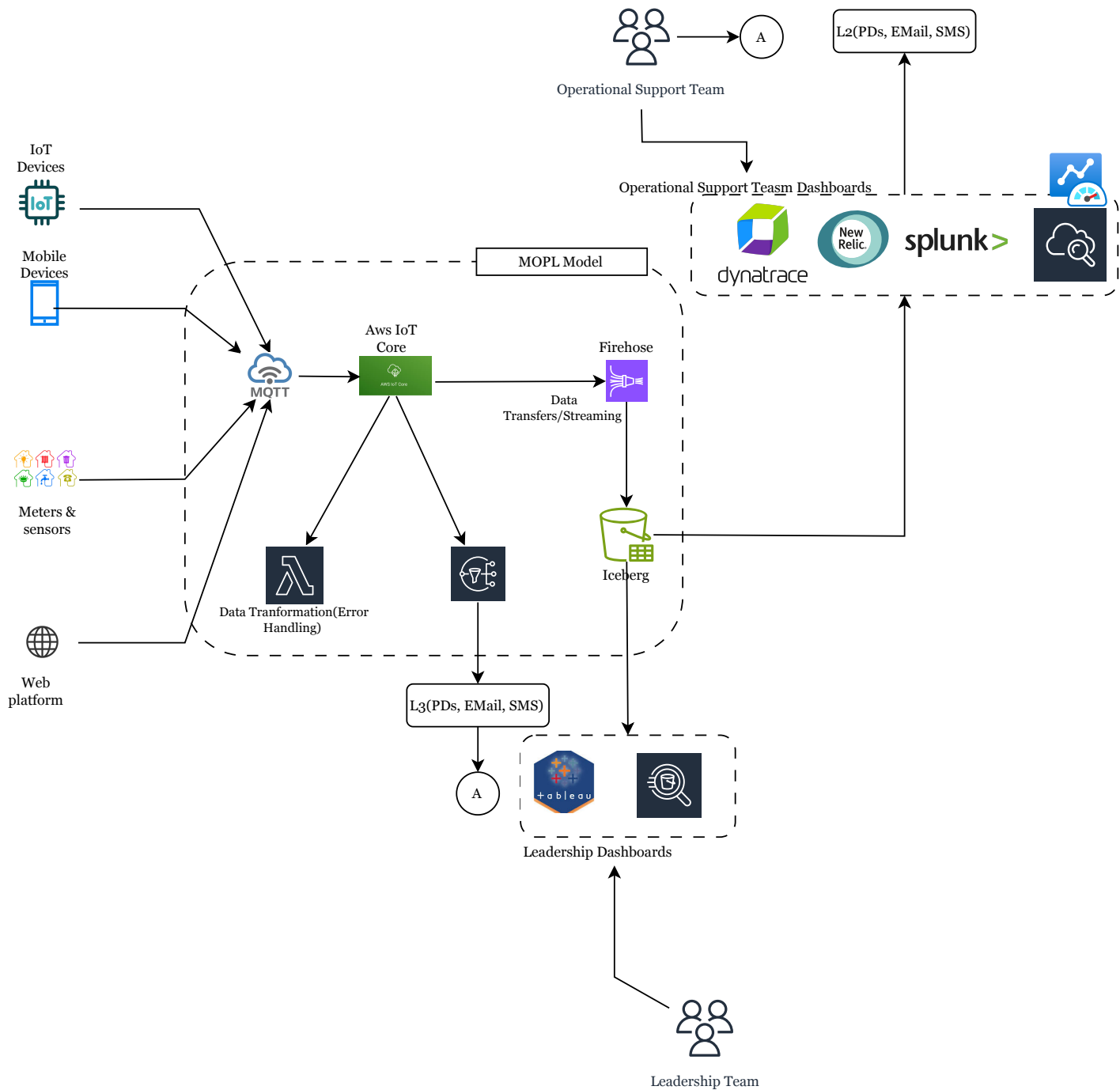
Event Driven Architecture for Realtime Devices Management(MAIM Model)

Operational Support Team

L2(PDs, EMail, SMS)

IoT Devices

Mobile Devices

Meters & sensors

Web platform

MOPL Model

Operational Support Teasm Dashboards

Aws IoT Core

Firehose: DeviceDataReceiver

Data Tranformation (Error Handling)

Data Standardization (Clean+Enrich)

Iceberg

L3(PDs, EMail, SMS)

Leadership Dashboards

AI Integration - MAIM Model

Context Model Feed

Bedrock Client

AWS Bedrock Models

API Gateway

Predictions, Summerization, Planning

Leadership Team

UI/AppBots for Internal Team

Error Roots
Error Resolution Steps
ETAs