Sipfront

Automate your WebRTC Test Calls

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It's me, Dominik

"Let's build our own
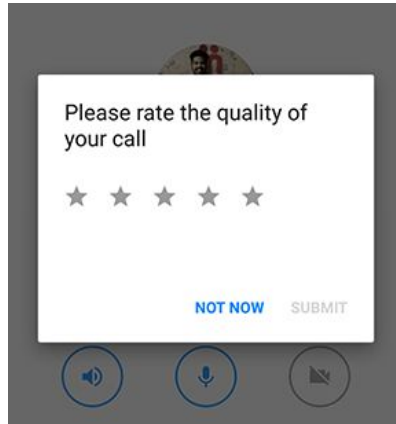test framework ..."

Why in the first place?

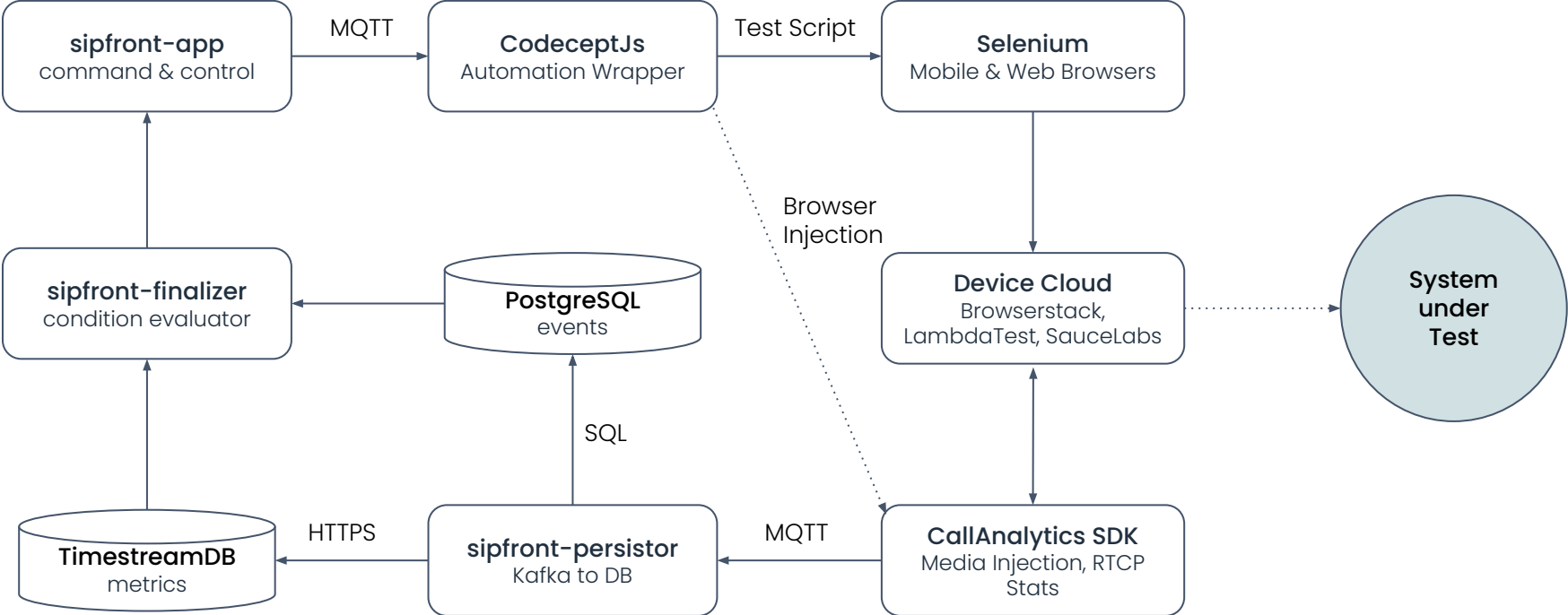# It happens to everyone!

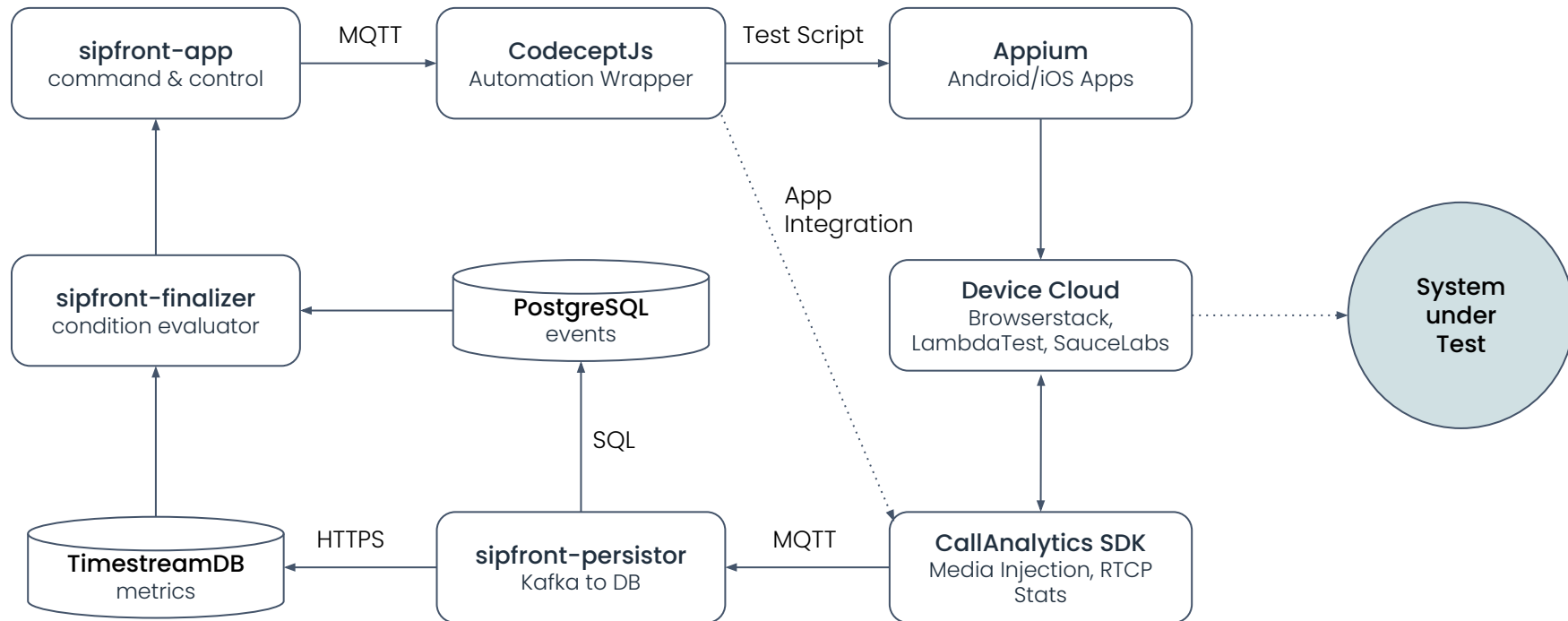# Monitoring your platform

Excellence begins
where expectations end.

Time for a Demo!

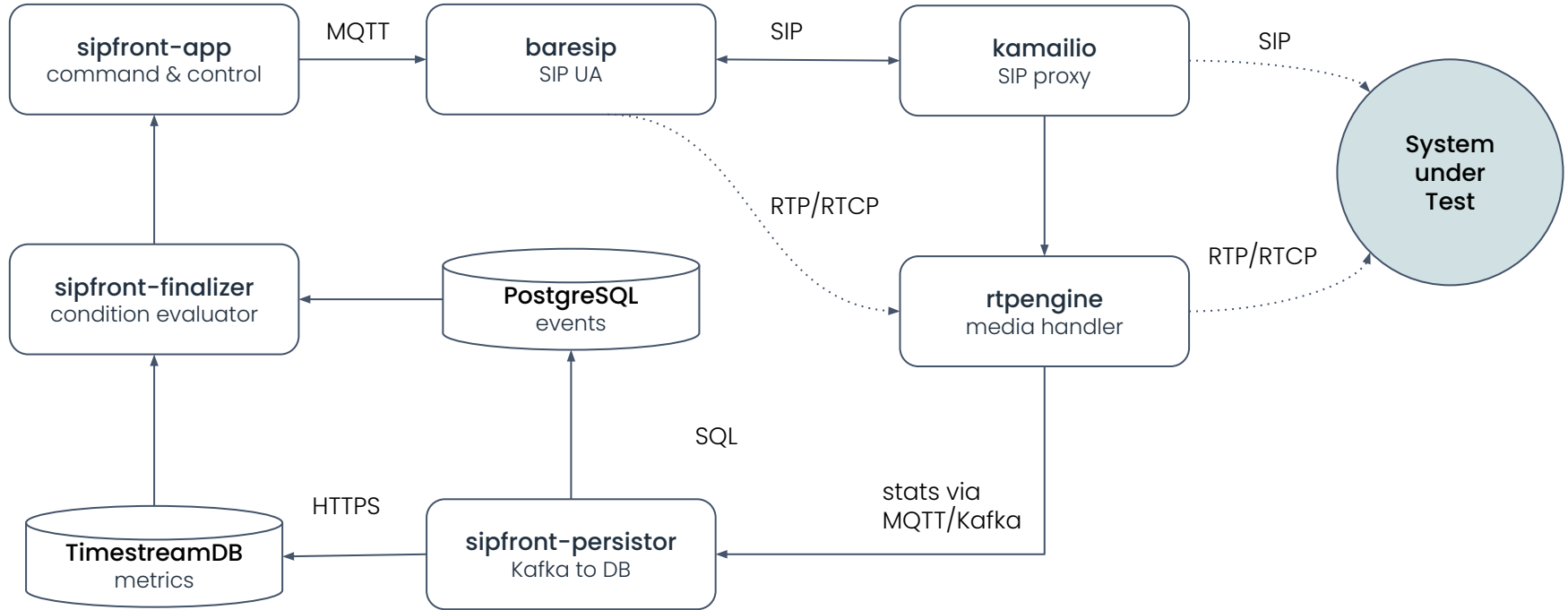# Browser Test Setup

Mobile App Test Setup

sipfront-app		CodeceptJs		Appium
sipfront-app command & control	→ MQTT →	**CodeceptJs** Automation Wrapper	→ Test Script →	**Appium** Android/iOS Apps

sipfront-app
command & control

→ MQTT →

CodeceptJs
Automation Wrapper

→ Test Script →

Appium
Android/iOS Apps

sipfront-finalizer
condition evaluator

PostgreSQL
events

App Integration

Device Cloud
Browserstack, LambdaTest, SauceLabs

System under Test

SQL

TimestreamDB
metrics

← HTTPS ←

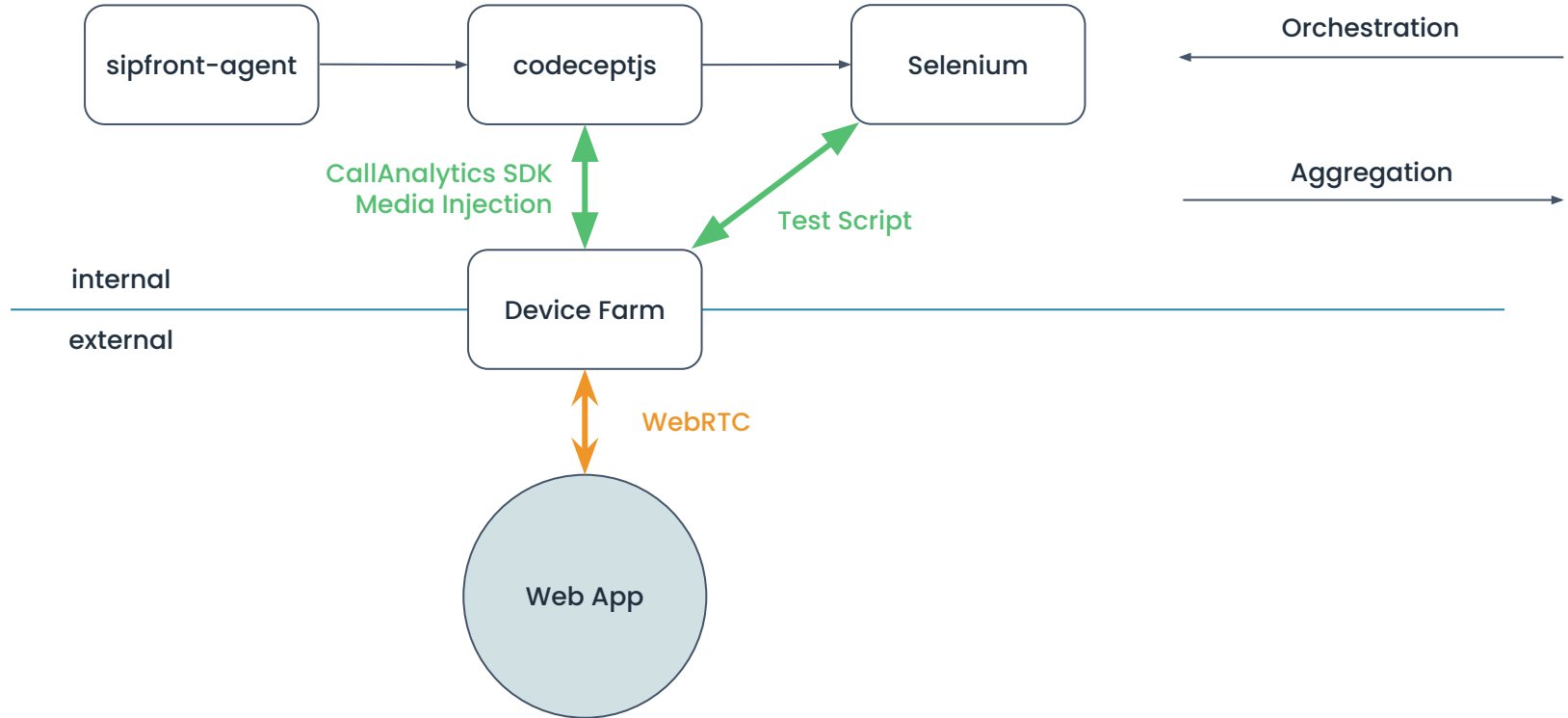**sipfront-persistor**
Kafka to DB

← MQTT ←

CallAnalytics SDK
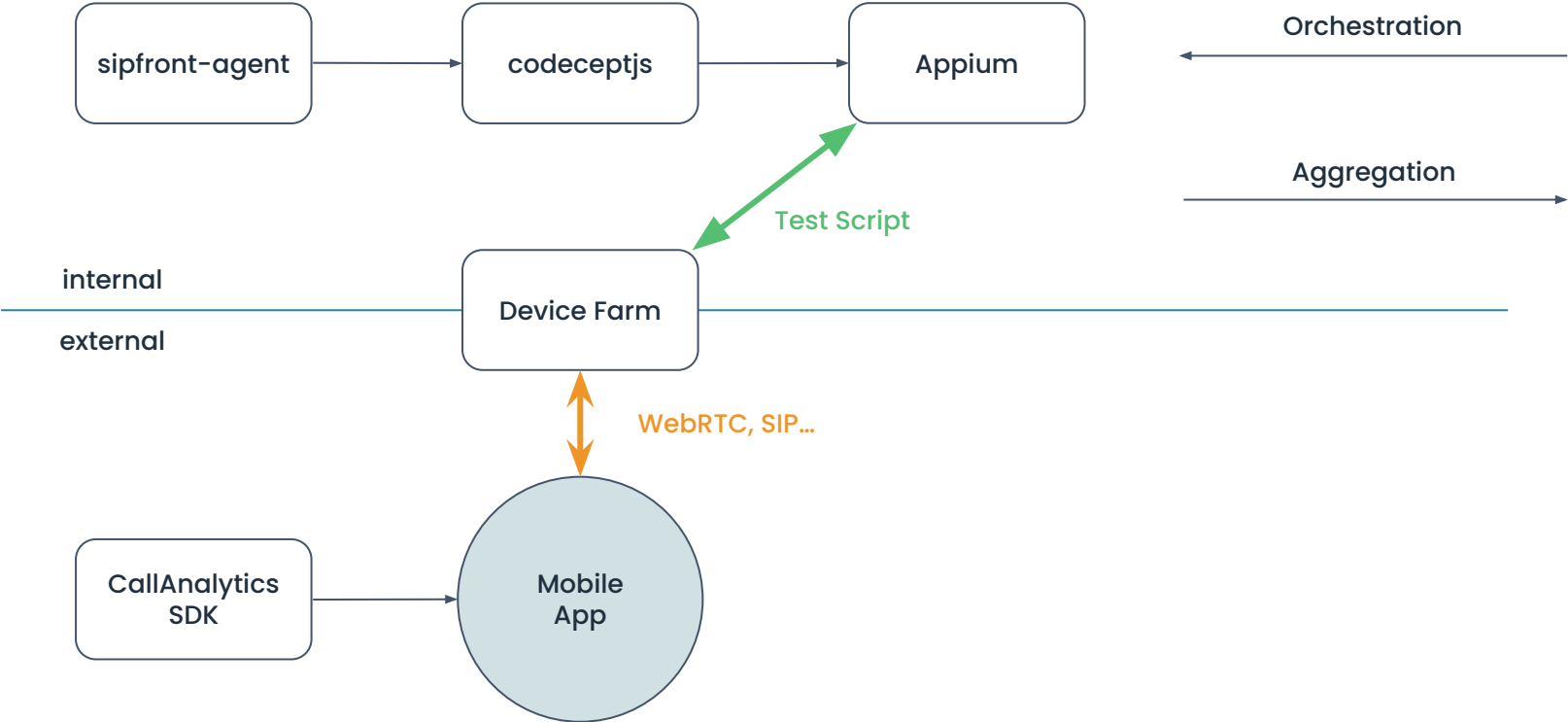Media Injection, RTCP Stats

SIP Test Setup
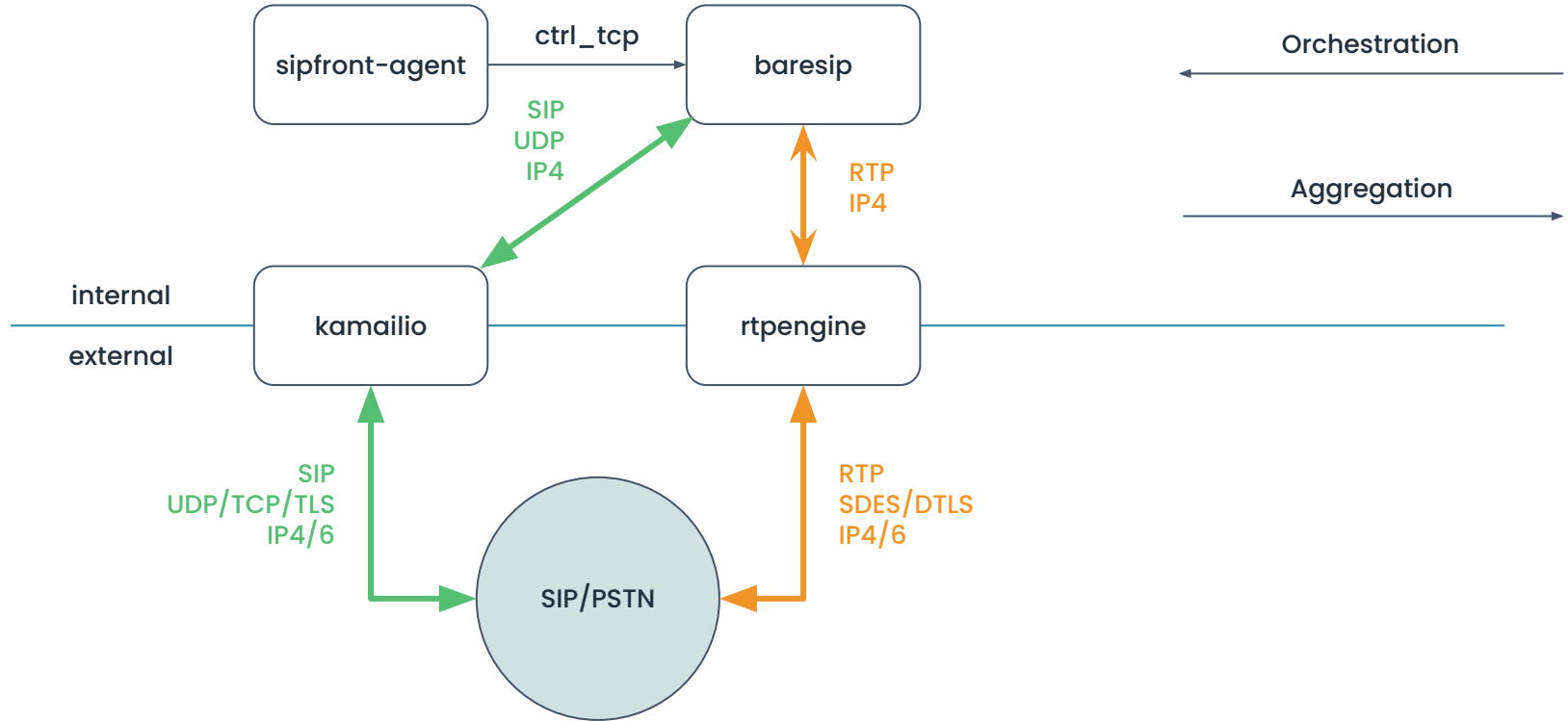
Agent Anatomy
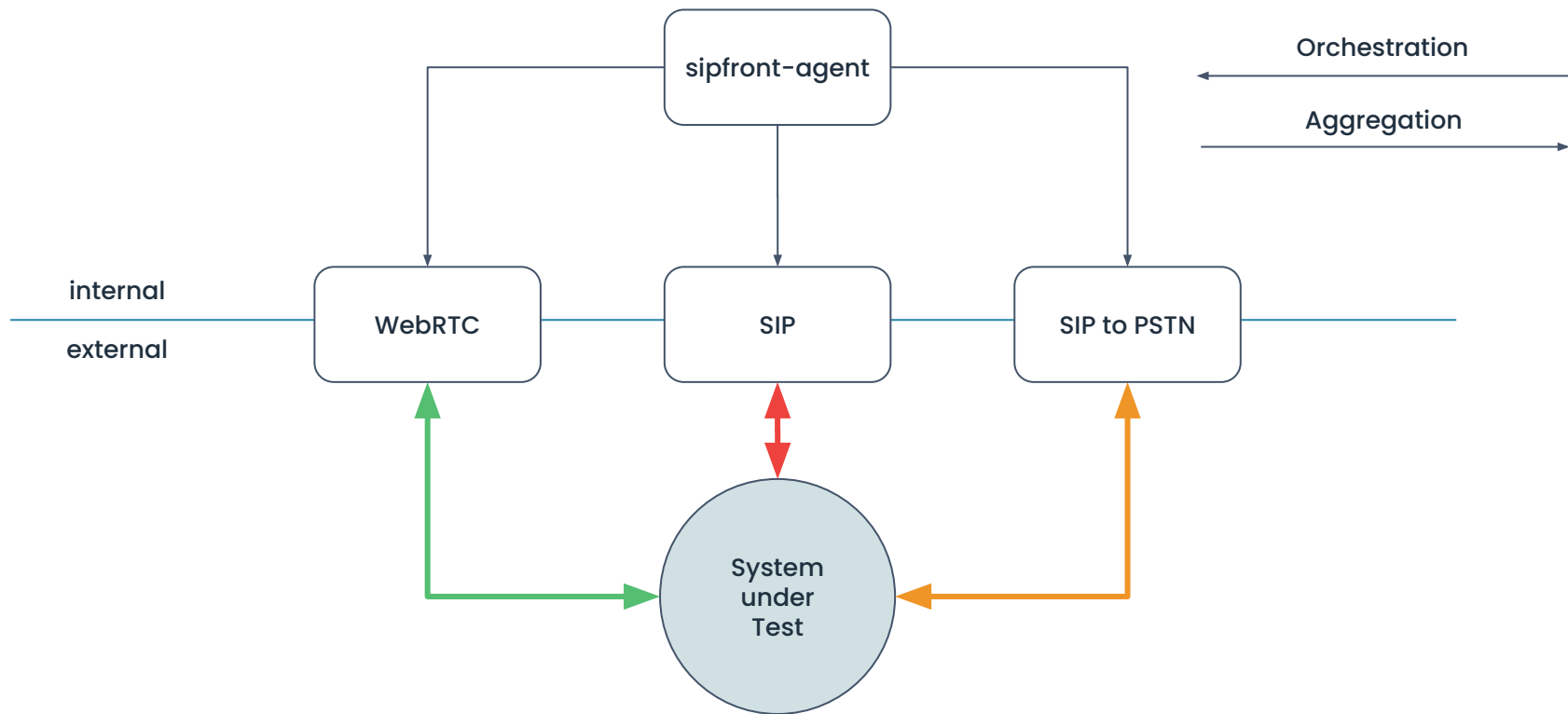
WebRTC Setup

Mobile App Setup

SIP Setup

No limits!

"The boy who cried wolf"

Key Takeaways & Learnings

- Test early & often

- Keep usage barrier low

- Make it reliable

THANK
YOU

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