

Remote BCI devices

ESP32 MQTT client
clientID_1

ESP32 MQTT client
clientID_2

⋮

ESP32 MQTT client
clientID_N

Publish to topic
eeg_bci_topic

MQTT
broker

AWS Cloud

AWS IoT
Core

websocket
streaming
service

Remote application interfaces

Application instance
clientID_1

Application instance
clientID_2

⋮

Application instance
clientID_N

