



Empower your mobile app for Adobe Experience Platform

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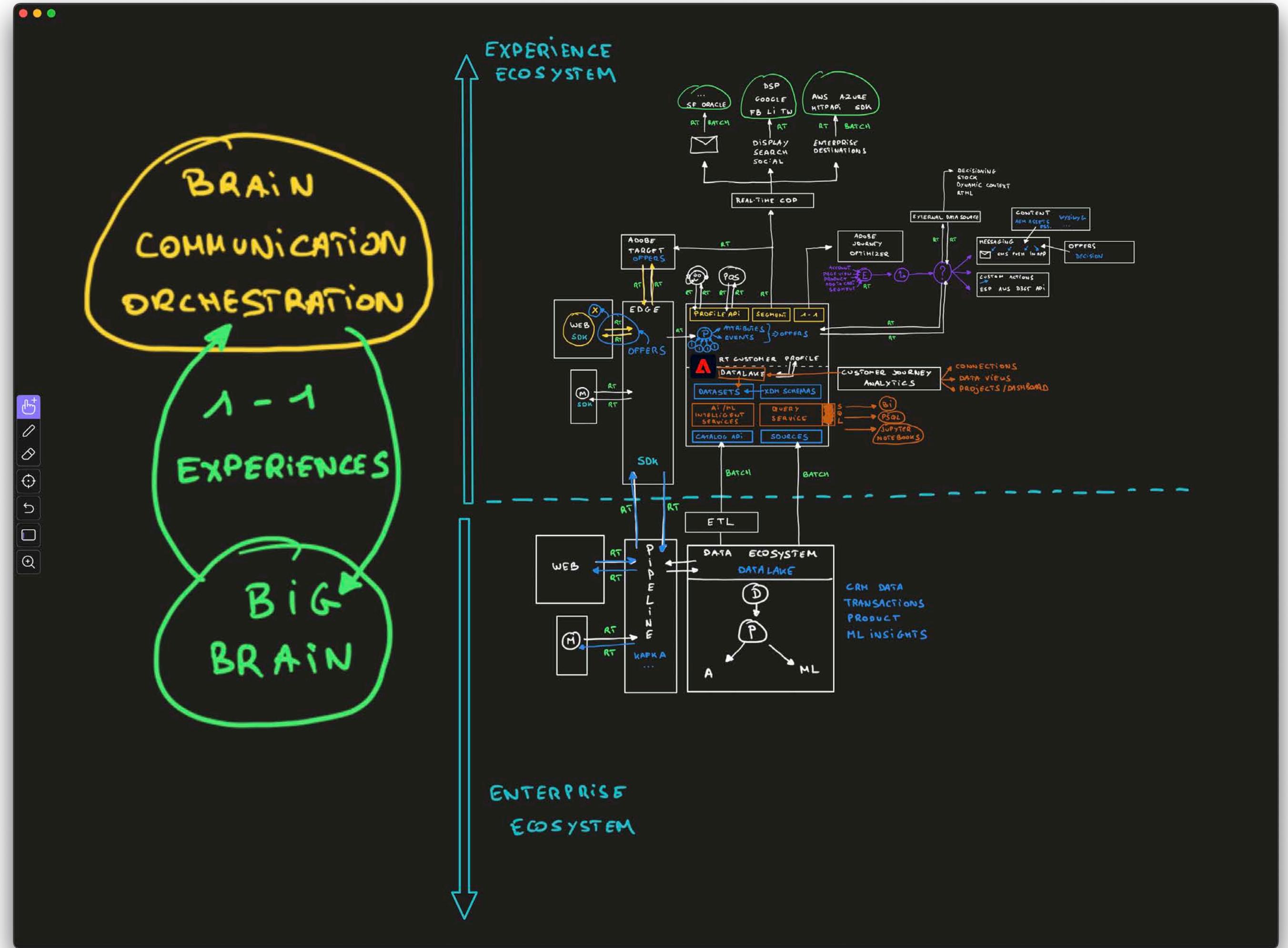
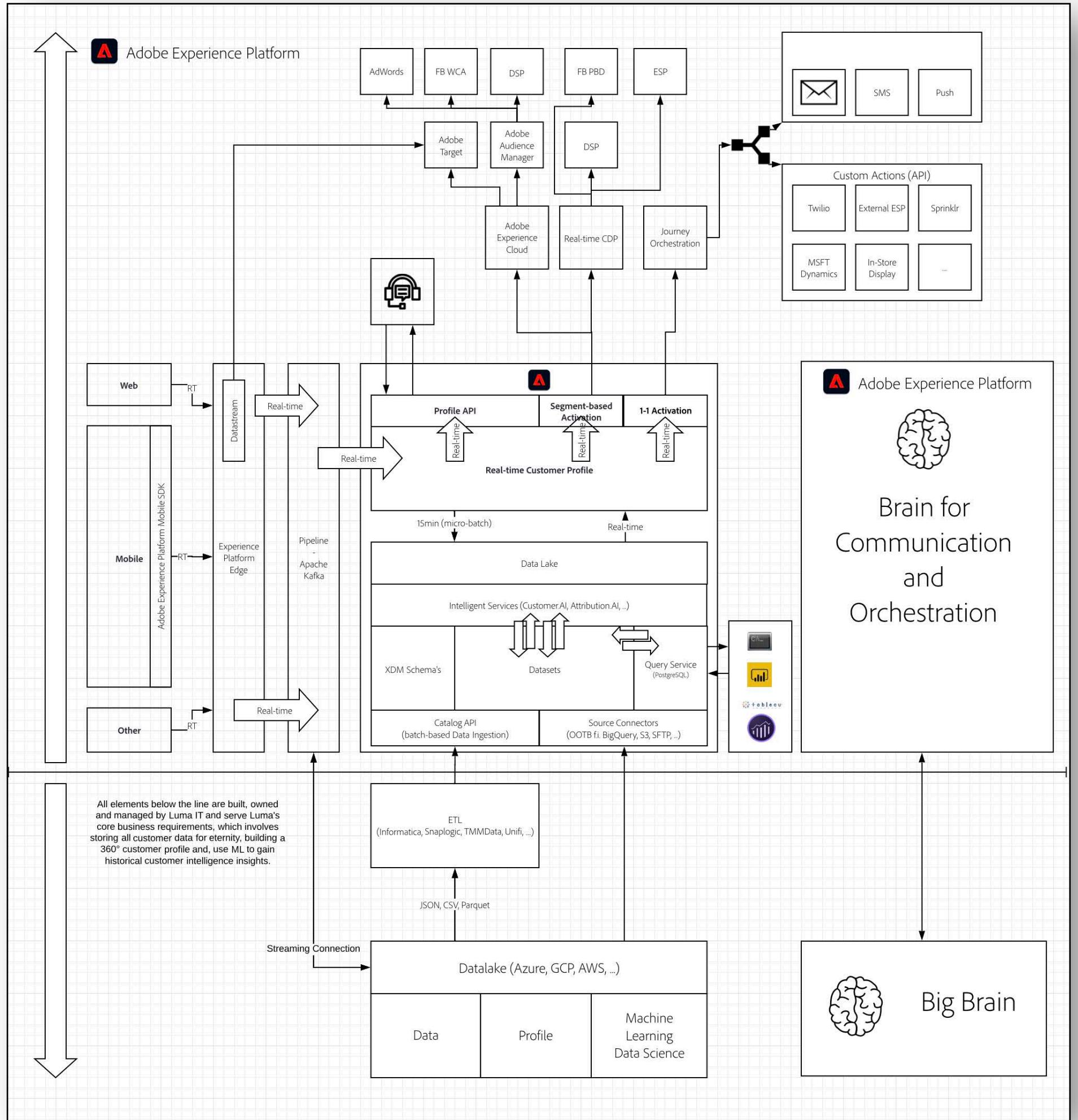
The App



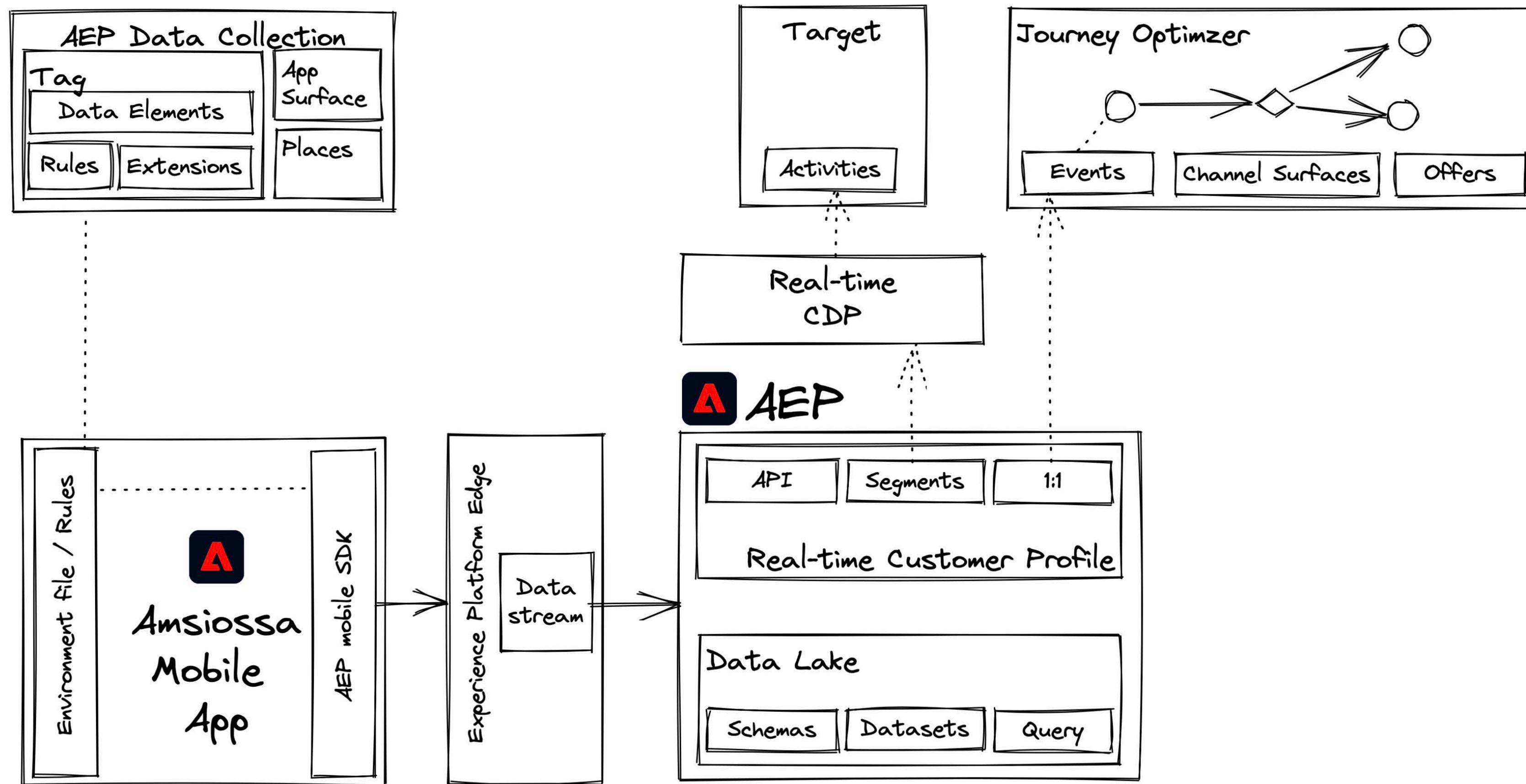
The Architecture



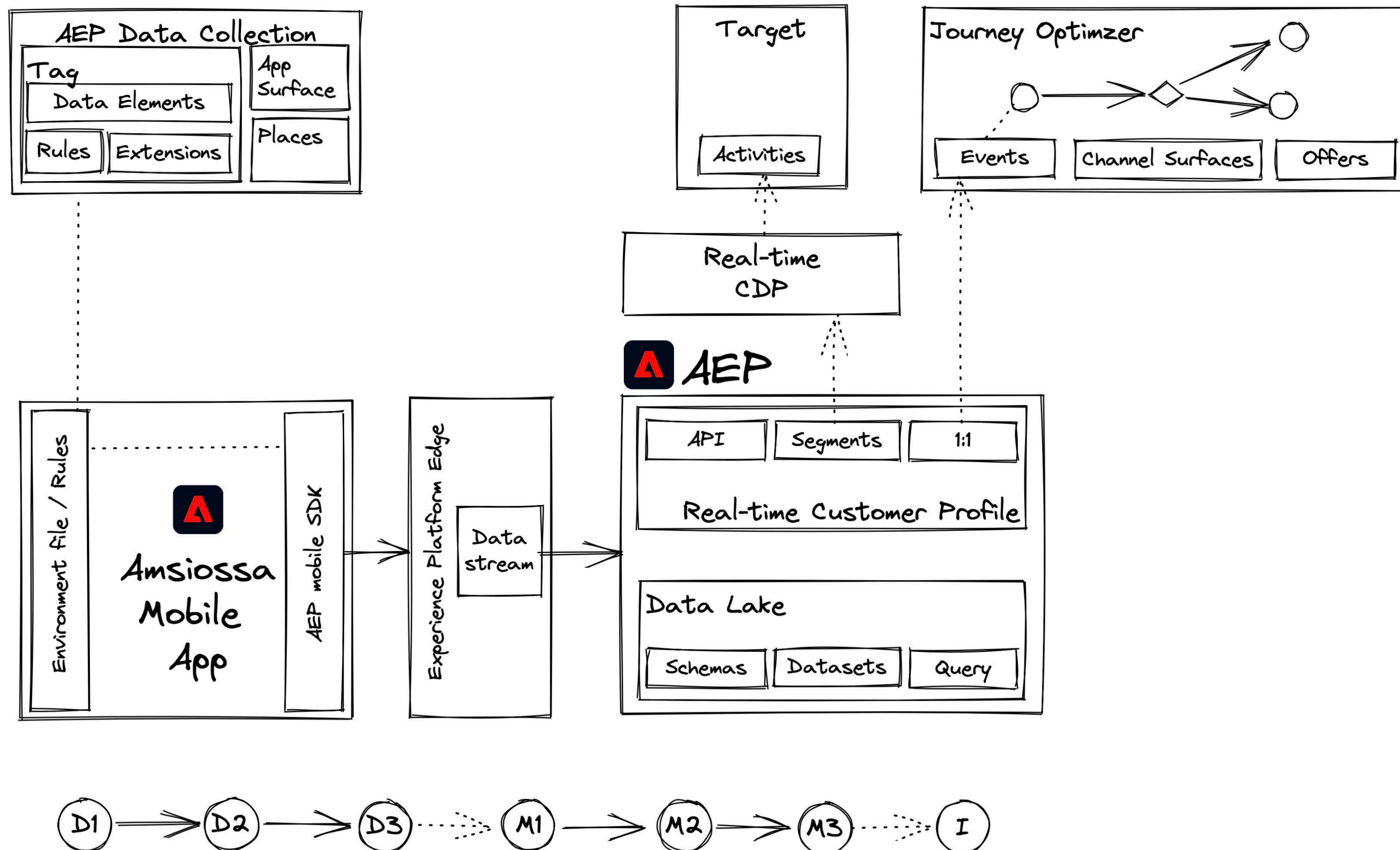
The Architecture



Architecture - What Is Required?



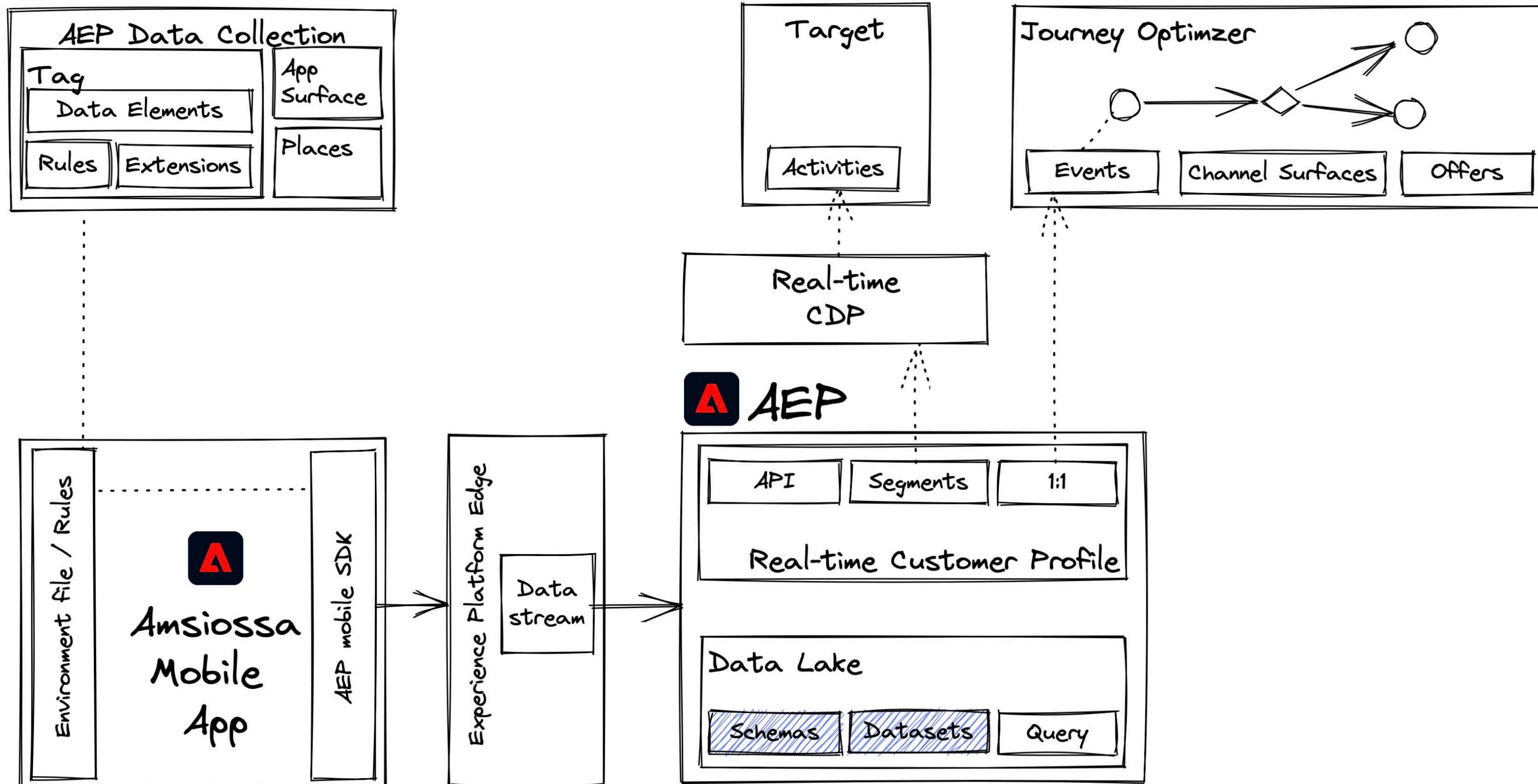
Architecture - What Is Required?



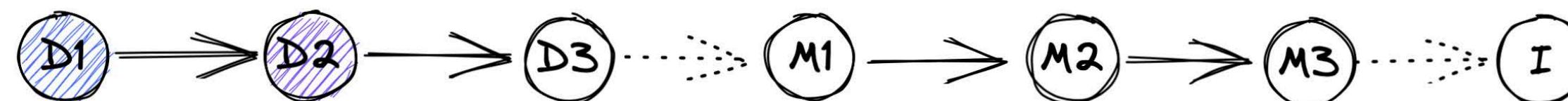
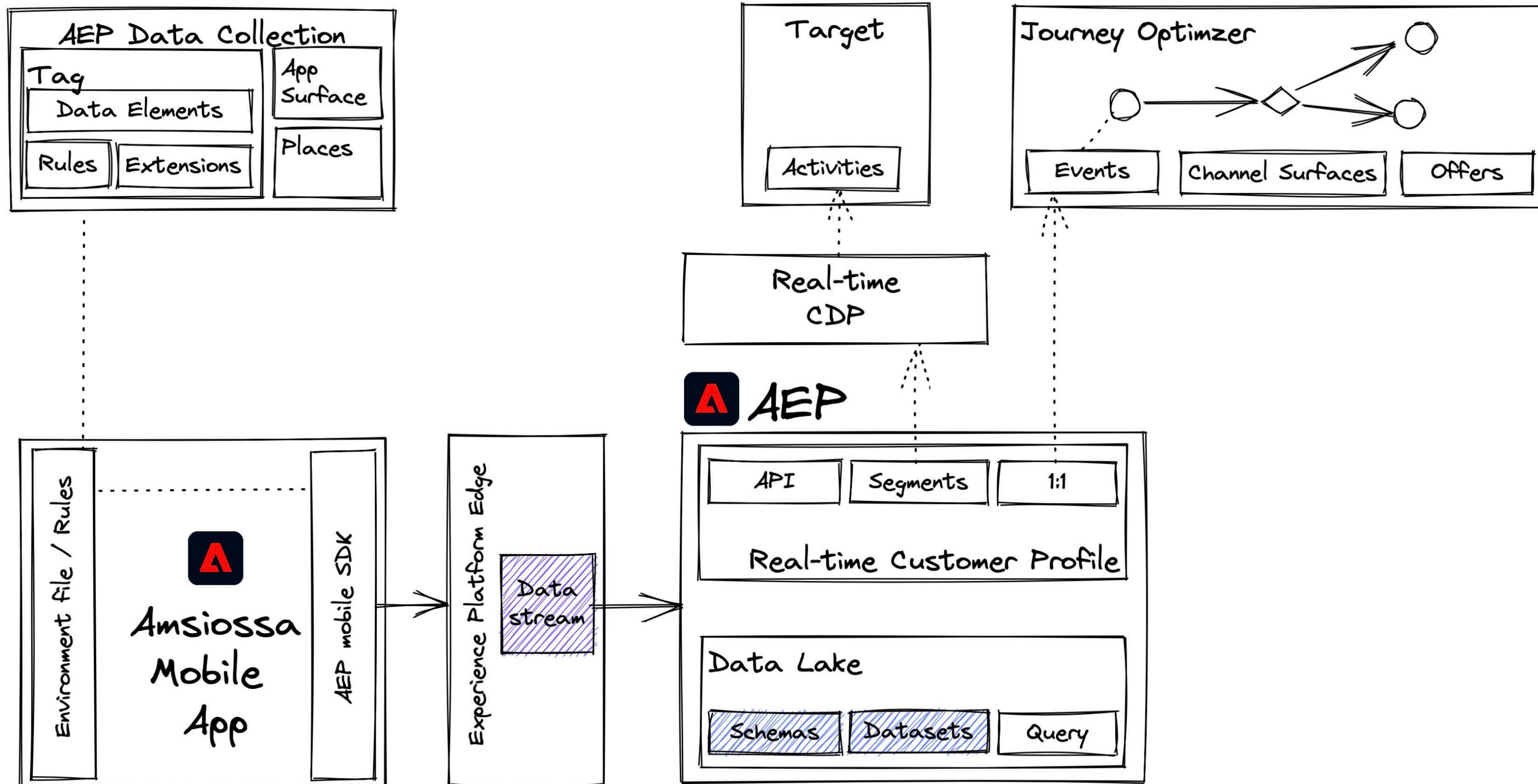
The Data Foundation



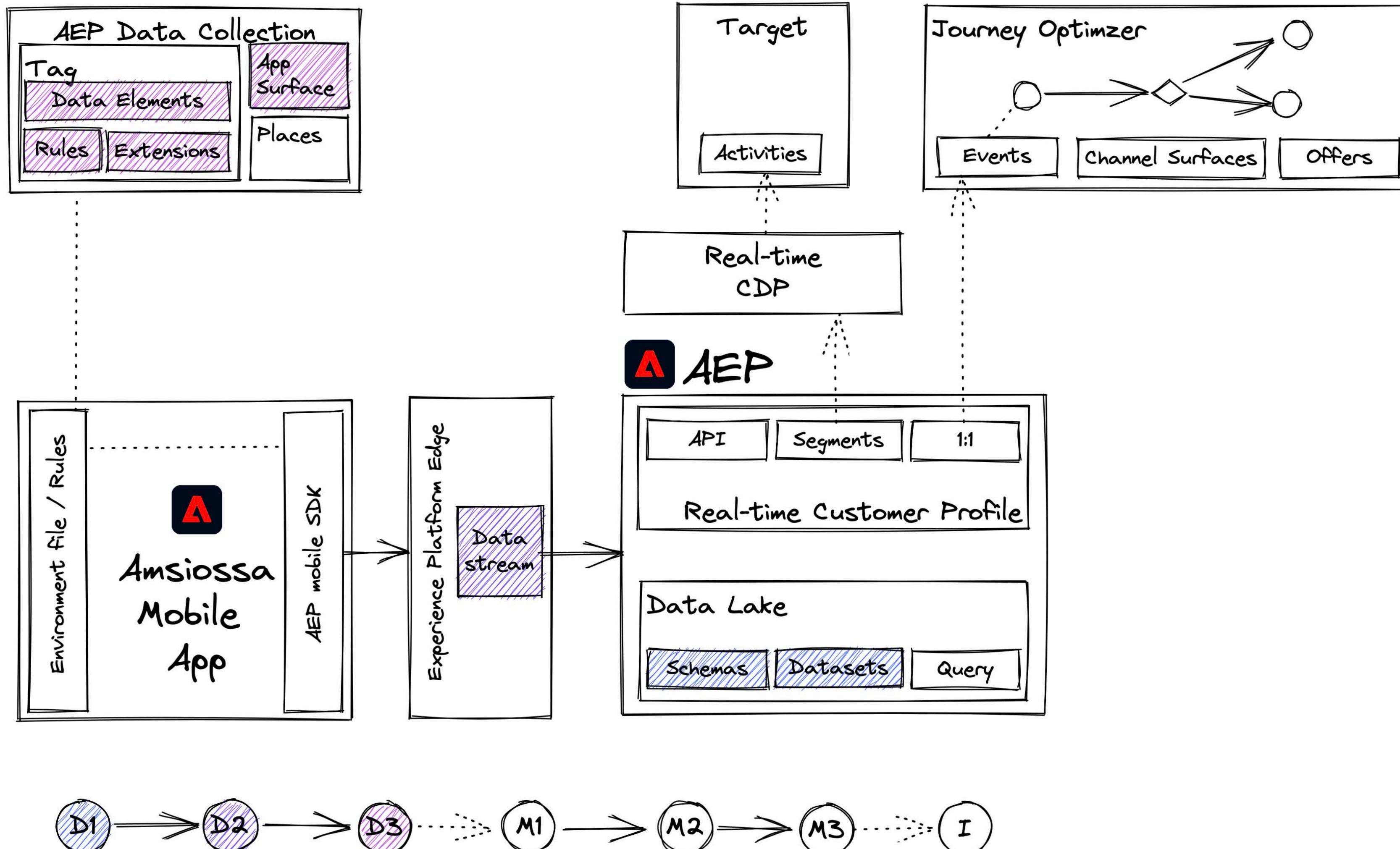
Schemas & Datasets



Datastream / Edge Network Configuration



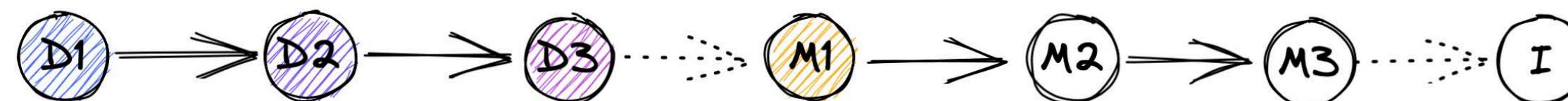
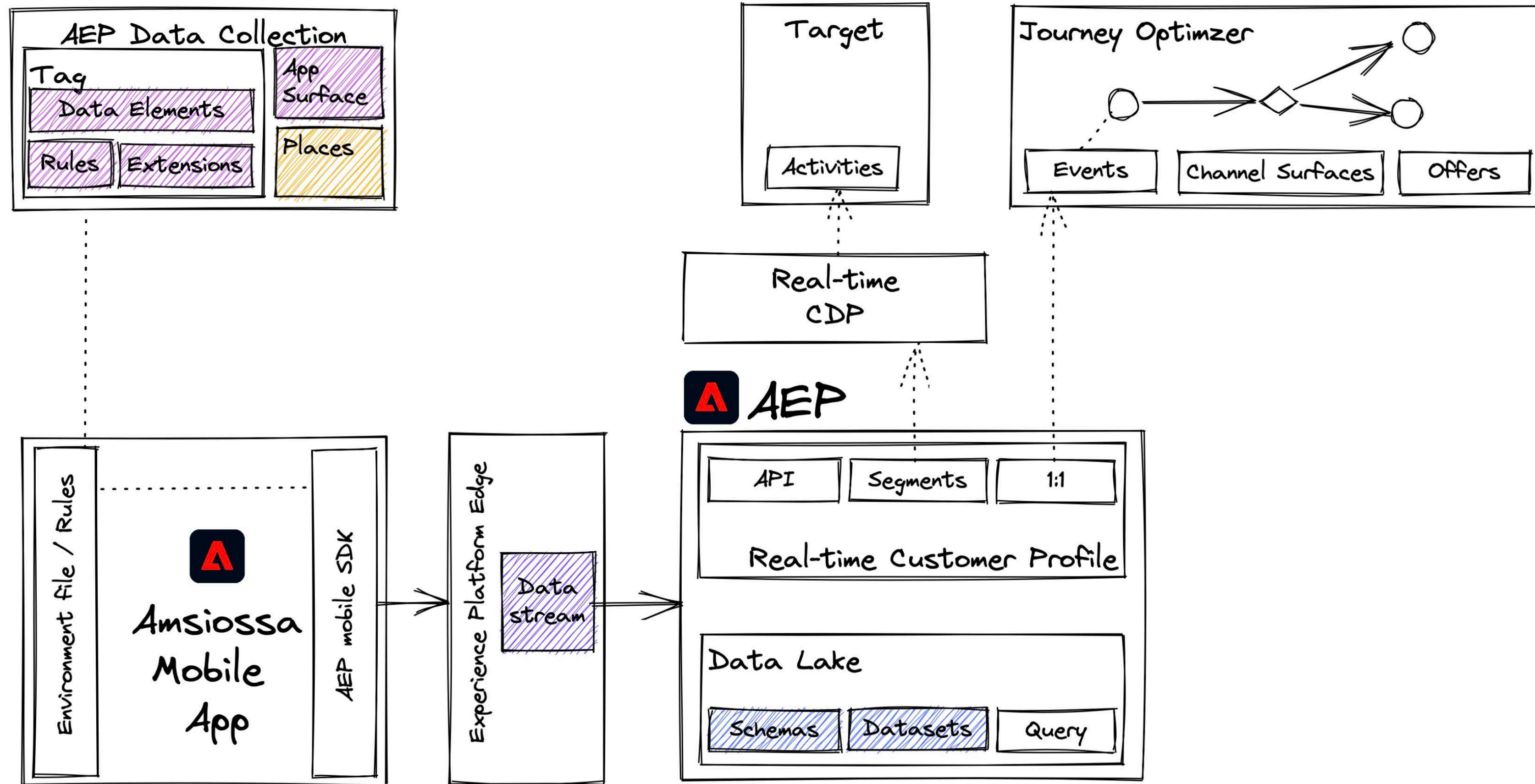
Tag Property (Extensions, Data Elements, Rules) and App Surface



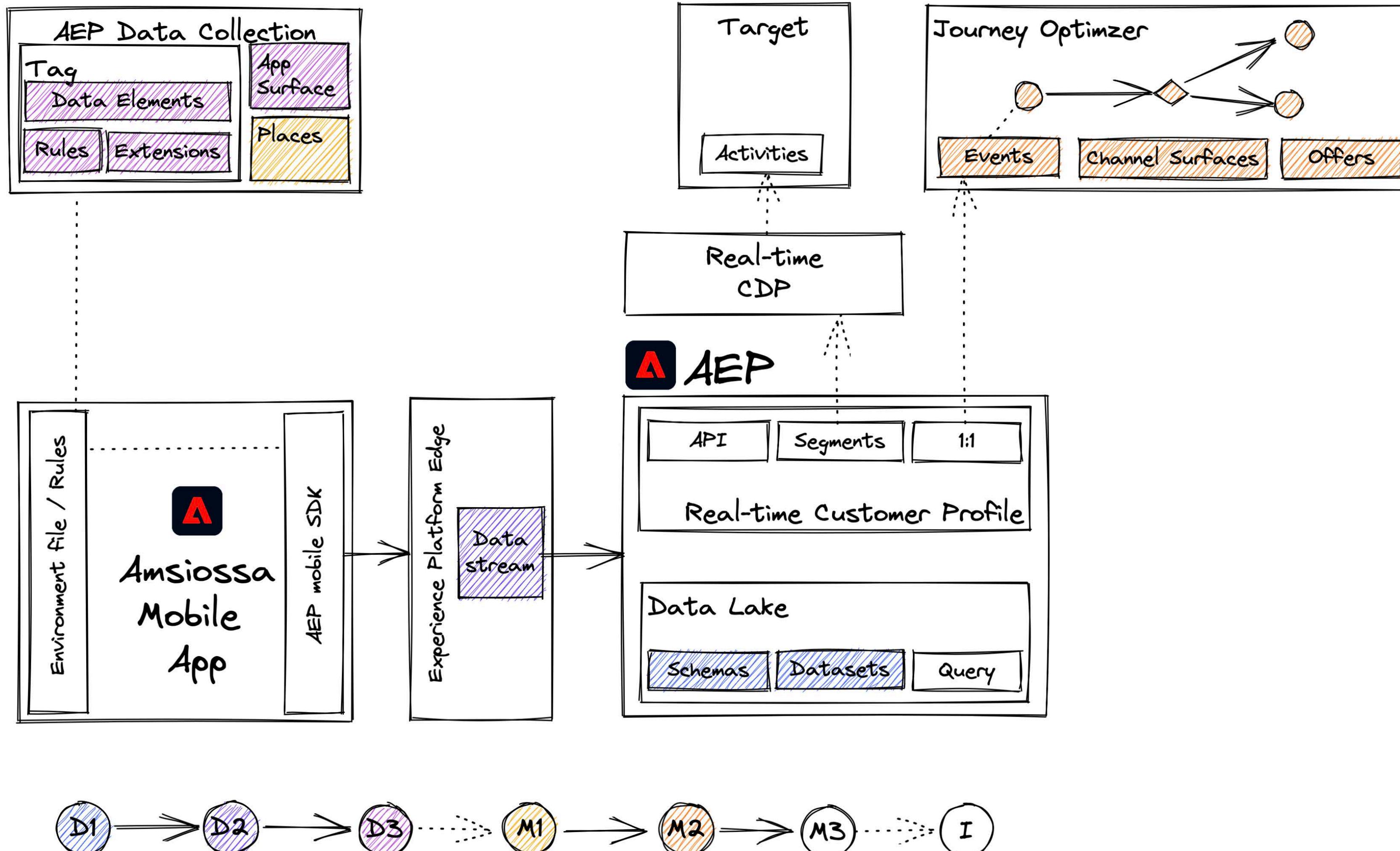
The Marketing Foundation



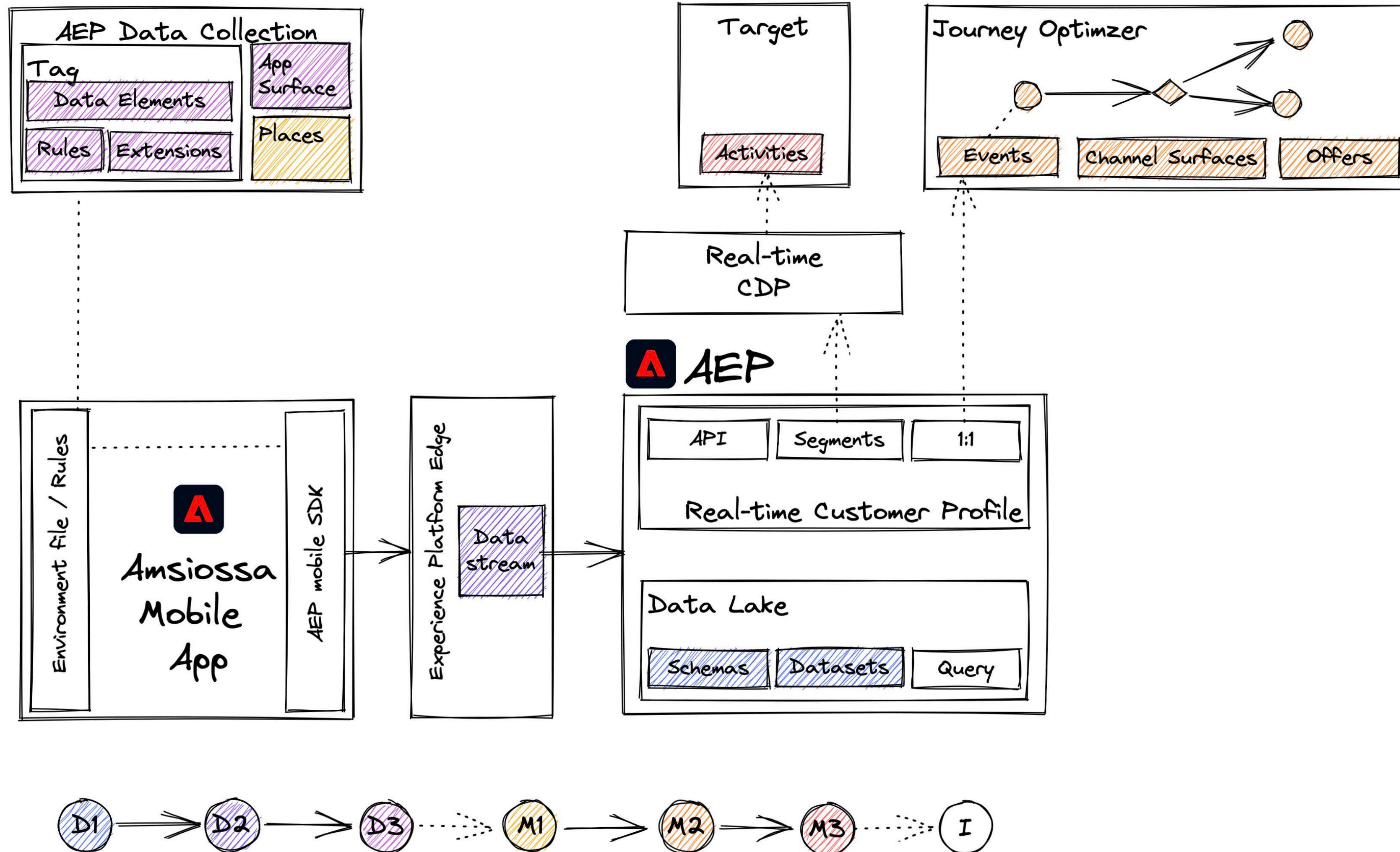
Places



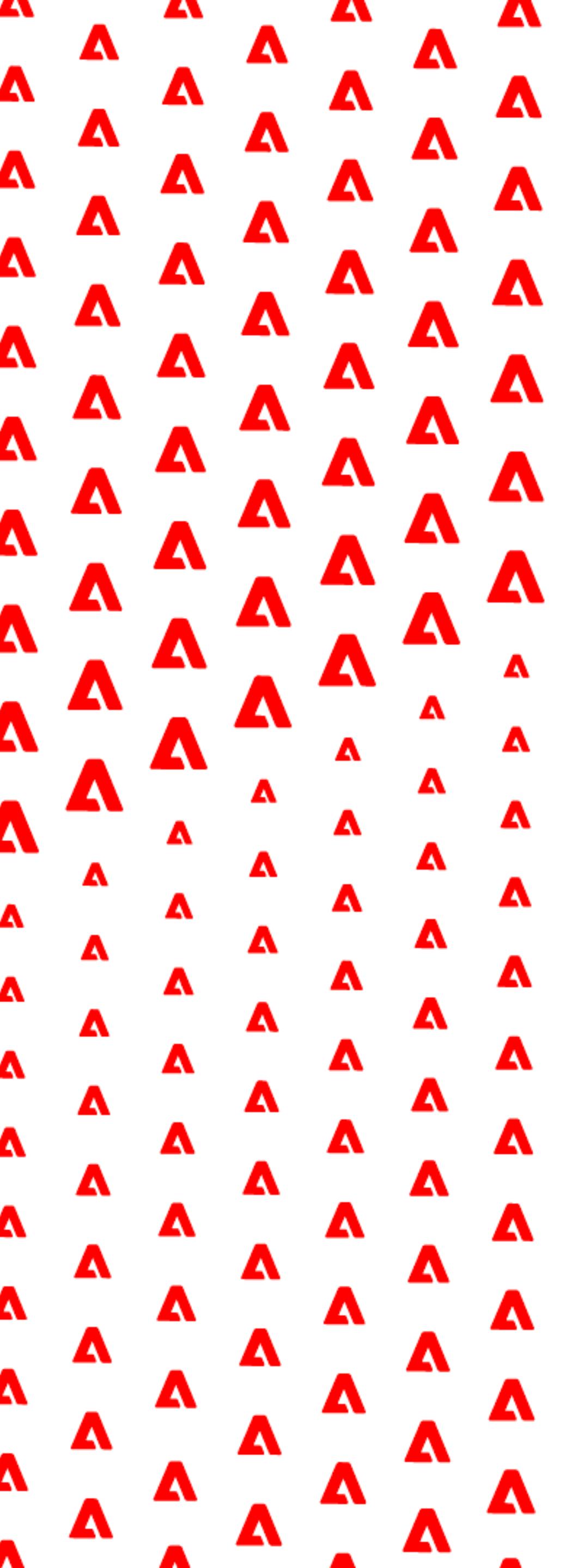
Journey Optimizer (Events, Channel Surfaces, Offers, Journeys, ...)



Target (Activities)



The Implementation



Import Packages

The screenshot shows a GitHub search results page with the query `org:adobe aepsdk`. The results are filtered by type: `Repositories` (21), `Code` (218), `Commits` (213), `Issues` (1K), `Discussions` (2), `Packages` (0), `Marketplace` (0), `Topics` (0), `Wikis` (0), and `Users` (0). The sidebar also shows language statistics: Swift (8), Java (8), Dart (1), Objective-C (1), and TypeScript (1).

21 repository results or view all results on GitHub

Sort: Best match ▾

- adobe/aepsdk-core-ios**
Adobe Experience Platform Mobile Core SDK in Swift
⭐ 13 • Swift • Apache-2.0 license • Updated 12 days ago
- adobe/aepsdk-edge-ios**
Adobe Experience Platform Edge Network mobile extension in Swift
adobe-experience-platform adobe-edge-network aep-mobile-sdk
⭐ 10 • Swift • Apache-2.0 license • Updated 12 days ago
- adobe/aepsdk-rulesengine-ios**
A simple, generic, extensible Rules Engine in Swift
⭐ 12 • Swift • Apache-2.0 license • Updated on Jun 1
- adobe/aepsdk-sample-app-ios**
⭐ 4 • Swift • MIT license • Updated on Jul 29
- adobe/aepsdk-analytics-ios**
Adobe Experience Platform Analytics SDK in Swift
⭐ 3 • Swift • Apache-2.0 license • Updated on Sep 8
- adobe/aepsdk-messaging-ios**
AEP SDKs - Messaging extension for iOS
⭐ 2 • Swift • Apache-2.0 license • Updated 14 days ago
- adobe/aepsdk-edgeidentity-ios**
Adobe Experience Platform Identity mobile extension for Adobe Edge Network in Swift
adobe-experience-platform adobe-edge-network aep-mobile-sdk
⭐ 0 • Swift • Apache-2.0 license • Updated on Sep 8

<https://github.com/search?l=Dart&q=org%3Aadobe+aepsdk&type=Repositories>

Register Extensions, etc.

The screenshot shows the Xcode interface with the project 'Amsiossa' open. The left sidebar displays the file structure, including 'AppDelegate' selected. The main editor shows the 'AppDelegate.swift' code:

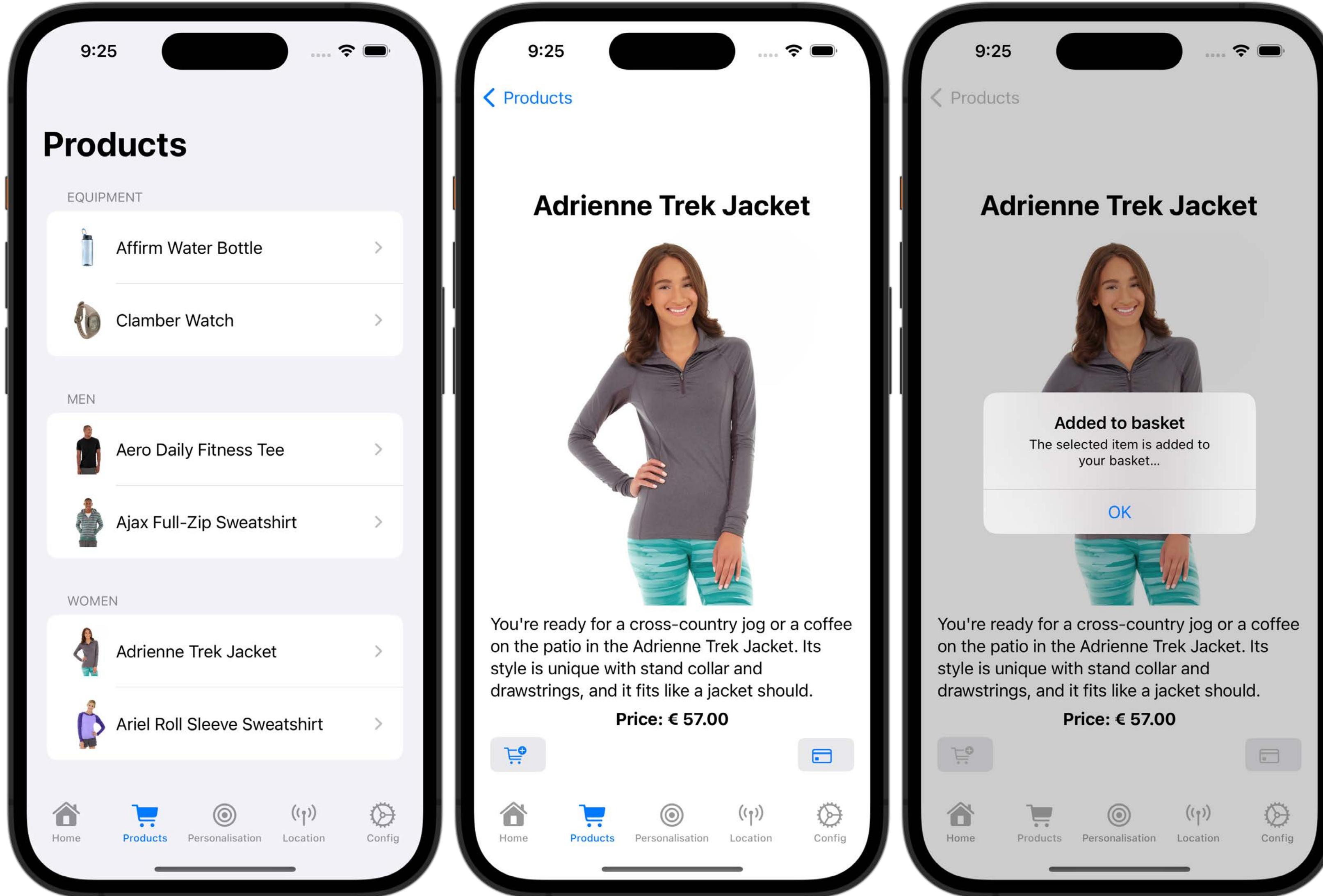
```
class AppDelegate: UIResponder, UIApplicationDelegate {
    @AppStorage("environment fileId") private var environment fileId = ""
    func application(_ application: UIApplication, didFinishLaunchingWithOptions launchOptions: [UIApplication.LaunchOptionsKey: Any]?) -> Bool {
        UNUserNotificationCenter.current().delegate = self
        MobileCore.setLogLevel(.trace)
        let appState = application.applicationState
        let extensions = [
            AEPIdentity.Identity.self,
            Lifecycle.self,
            Signal.self,
            Edge.self,
            Consent.self,
            APEdgeIdentity.Identity.self,
            UserProfile.self,
            Assurance.self,
            Messaging.self,
            Optimize.self,
            Places.self,
            Messaging.self
        ]
        MobileCore.registerExtensions(extensions, {
            // Use the App id assigned to this application via Adobe Launch
            Logger.aepMobileSDK.info("Amsiossa - using mobile config: \(self.environment fileId)")
            MobileCore.configureWith(appId: self.environment fileId)
            // Use the sandbox configuration to allow the messaging sdk to use apnsSandbox
            let collectConsent = ["collect": ["val": "y"]]
            let currentConsents = ["consents": collectConsent]
            Consent.update(with: currentConsents)
            MobileCore.updateConfigurationWith(configDict: currentConsents)
            // use apnsSandbox (turn this to false or comment it when deploying to TestFlight (default is false), to true when testing on your device....)
            // MobileCore.updateConfigurationWith(configDict: ["messaging.useSandbox": true])
            if appState != .background {
                // only start lifecycle if the application is not in the background
                MobileCore.lifecycleStart(additionalContextData: nil)
            }
            MobileCore.setPrivacyStatus(.optedIn)
        })
    }
}
```

The right side of the interface shows the 'Identity and Type' panel for 'AppDelegate.swift'. It shows the file is a 'Default - Swift Source' located at '/Users/rmaur/Development/Amsiossa/Amsiossa/AppDelegate.swift'. The 'Target Membership' section shows 'Amsiossa' is selected. The 'Text Settings' section includes options for Text Encoding (Unicode (UTF-8)), Line Endings (No Explicit Line Endings), Indent Using (Spaces), and Widths (Tab 4, Indent 4). The bottom of the screen shows the Xcode output log with several log entries related to the AEP SDK registration and consent handling.

Registration



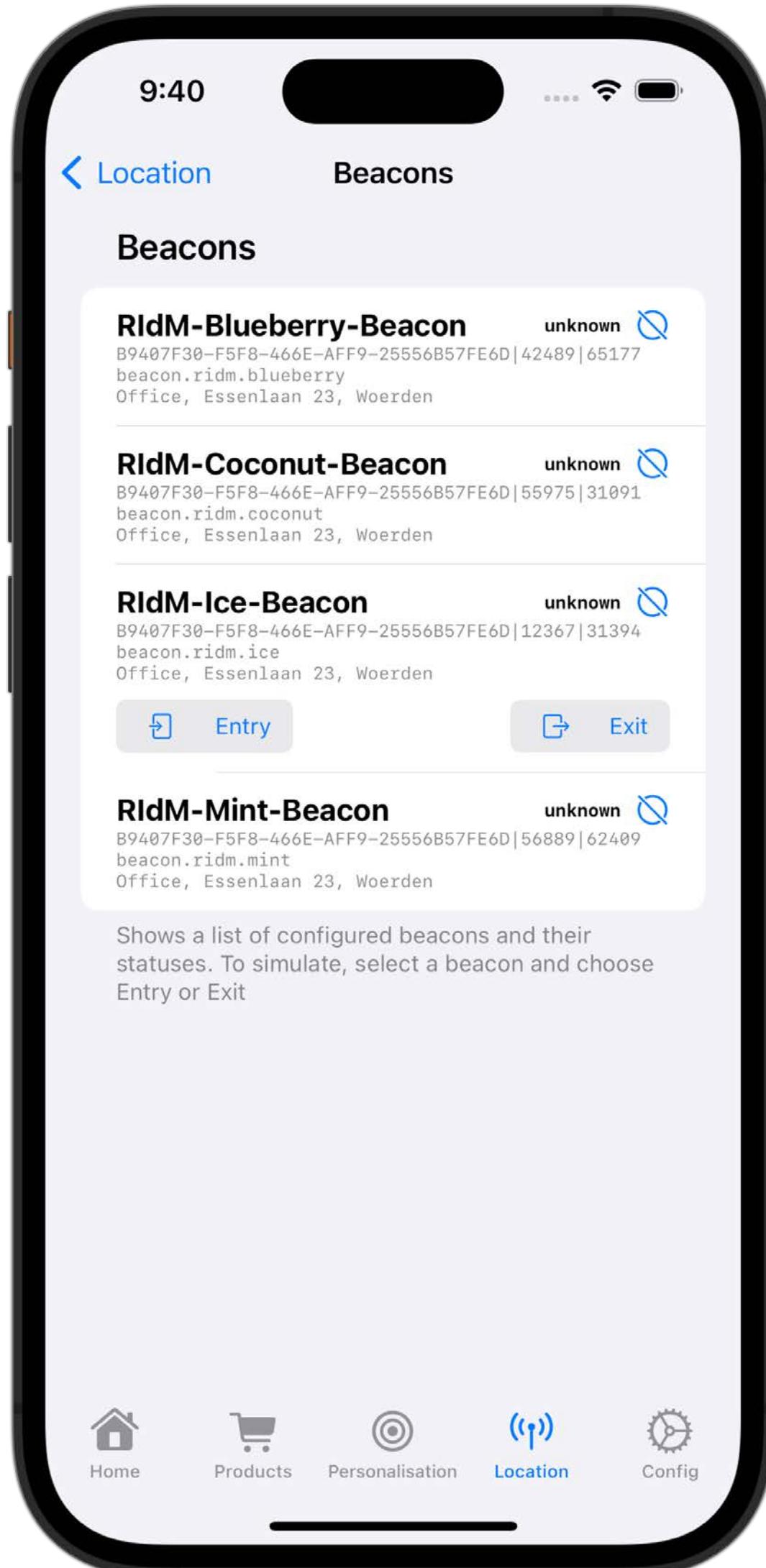
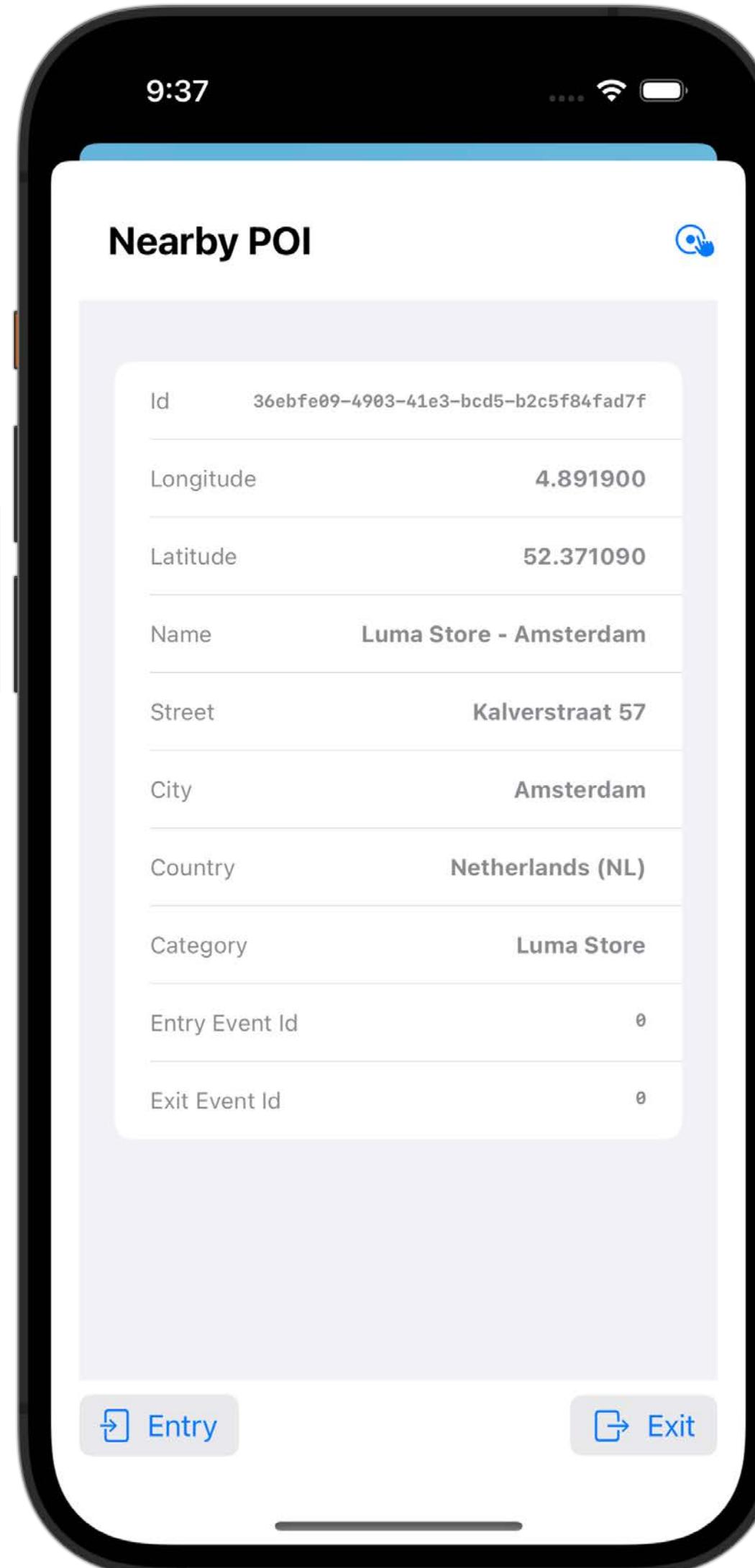
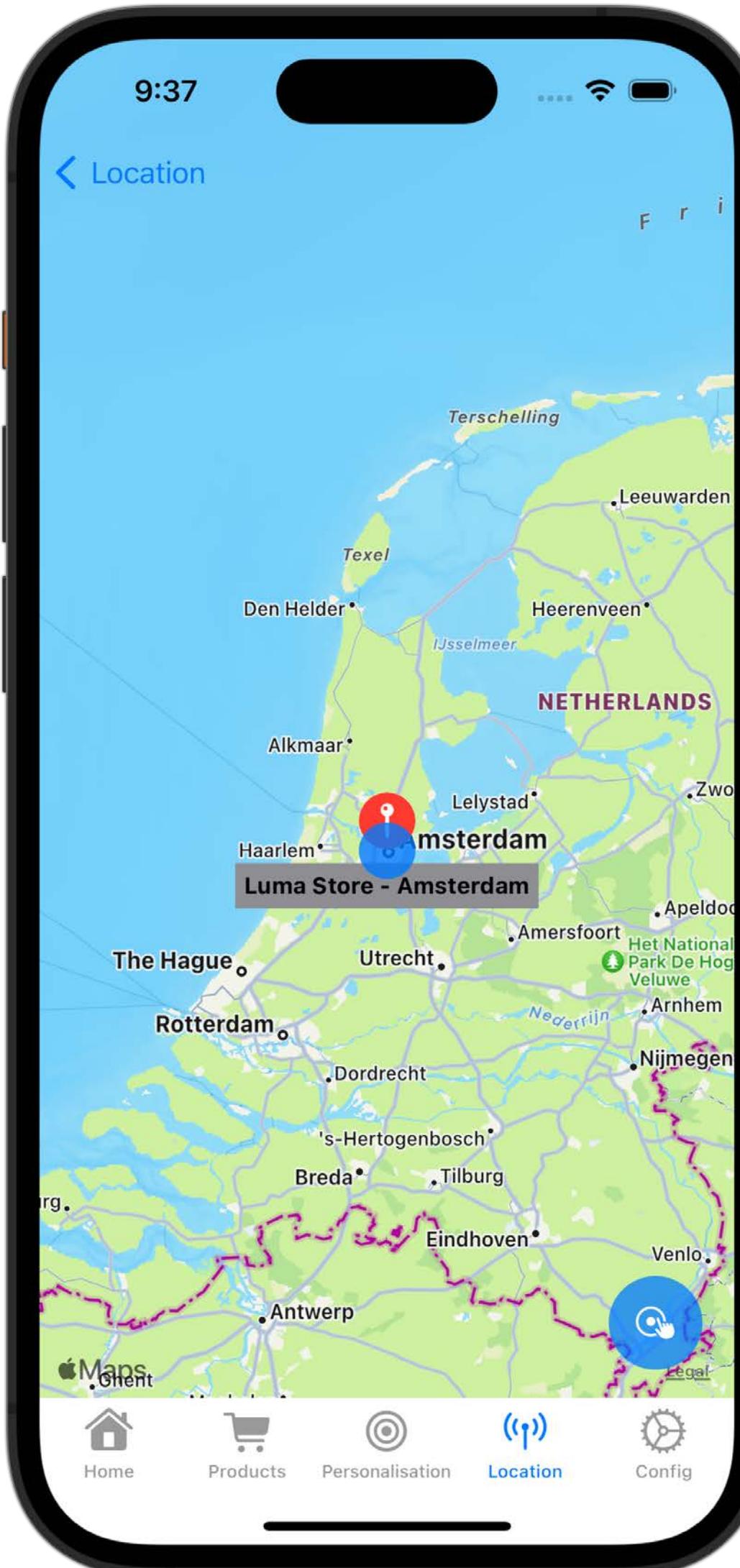
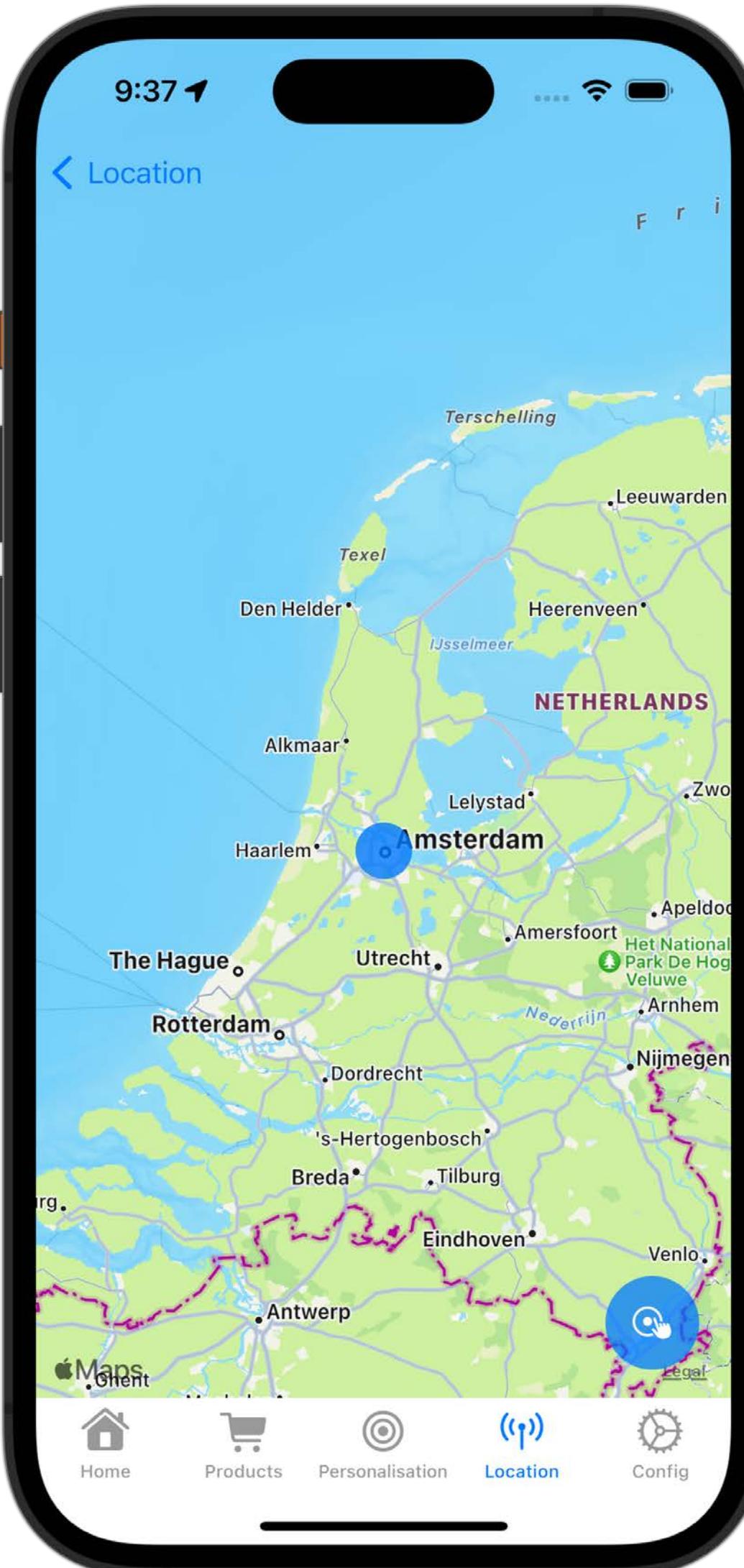
Product View, Add To Cart, Purchase



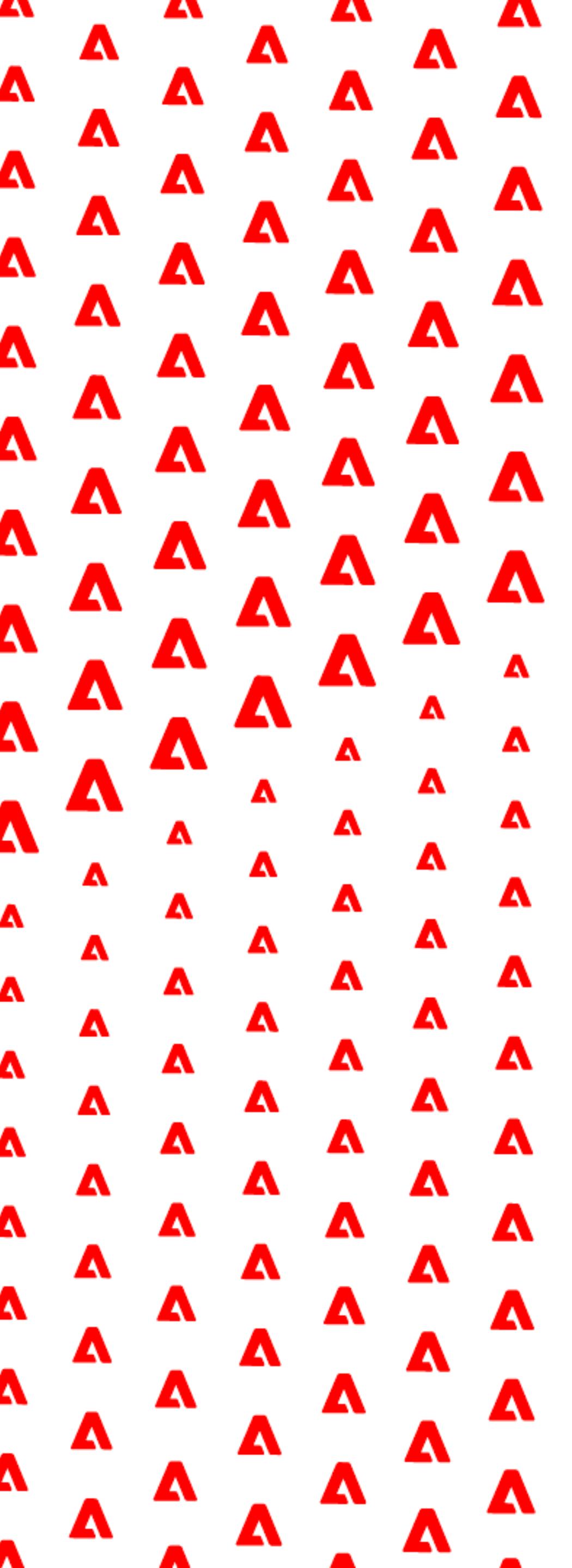
Personalisation



Geofences / Beacons



The Assurance



Q&A





Adobe