Appdome Platform

NO-CODE MOBILE INTEGRATION POWERED BY ARTIFICIAL INTELLIGENCE

The Appdome platform is a fully automated mobile app integration service that enables mobile developers and mobility professionals (IT, Ops, Security, etc.) to integrate services, Software Development Kits (SDKs) and Application Programing Interfaces (APIs) into Android and iOS mobile apps in seconds. The platform leverages the industry's first Digital Developer™, an artificially intelligent coding engine that eliminates manual development, eases mobile integration maintenance and can complete thousands of diverse mobile integration projects instantly and without access to source code.

DO-IT-YOURSELF MOBILE INTEGRATION

Appdome provides a do-it-yourself mobile integration platform that anyone can use. Users can select and combine a broad range of vendors, features, SDKs and APIs from several categories including mobile security, authentication, management, enterprise access, threat defense, analytics and more. Users can create templates, called "Fusion Sets," that contain unique service combinations to suit specific use cases and apps.

ACCELERATE MOBILE LIFECYCLES

Appdome uses technology to accelerate mobile app and mobility initiatives. Mobile app integration projects that typically take months to complete can be finished in minutes. Appdome brings scale to mobile app projects by automating the entire mobile integration lifecycle. With Appdome, organizations can apply consistent implementations across all apps, adding and maintaining critical services inside apps, build-by-build.

> " *Appdome's cloud-based fusion process enables the integration of compliance, security, mobility, Single Sign-On (SSO), mobile identity, VPN and analytics solutions, without coding...any purpose the customer chooses.* "

Gartner® 2018 | Mobile Application Management Market Guide

THE DIGITAL DEVELOPER™

Appdome uses Artificial Intelligence to build and complete mobile integrations fast. AI-Mobile Integration, known as "AMI," does the work developers would otherwise need to do to add services to apps manually. At the core, AMI is a code recognition and coding engine that learns and decides what is needed to complete the requested implementation and builds the specific user-requested services into mobile apps on-demand, instantly.

Every mobile integration project is unique. AMI understands how apps are built and the dynamic assembly engine chooses from 10,000s of discrete code-sets to build and complete mobile integrations. In seconds, AMI can produce any number of new apps, all with the services selected by the user inside each app. This is true even if all the apps are built in different environments, contain different methods, frameworks and more. It's also true if the services selected by the user come from different vendors, requiring different methods inside the app.

AMI can overcome mobile app or mobile service deficiencies, resolve internal coding conflicts and optimize the performance of Appdome-Fused apps. AMI adds support for proprietary and standard-based protocols and methods such as WebViews, WSS, SAML, OAuth, OpenID Connect and more, eliminating the need for developers to code these methods inside an app.

TOP BENEFITS OF APPDOME PLATFORM

No-Code Mobile Implementations

Appdome's patented Fusion technology enables mobile services to be added to mobile apps at the binary level. It does not require access or modification of source code. It saves developers significant time and effort and allows mobile SDK, API and service providers to reach more apps. Enterprise organizations can use Fusion to customize and add critical services to third party apps. All users merely need to upload an Android (.apk) or iOS (.ipa) app, select the services to be added to the app, and click "Fuse My App."

1,000s of Integration Choices

Appdome supports 1,000s of unique multi-vendor, multi-service mobile integrations. Users can pick from any category including mobile security, authentication, management, enterprise access, and threat defense. Any vendor can be implemented, including Microsoft, F5, Ping Identity, IBM, AirWatch, BlackBerry, Okta and others. Additionally AMI adds all Appdome services that bridge gaps between use cases, SDKs and apps at the time of Fusion. Users can also create the stateful Fusion Sets that meet their specific end-user requirements.
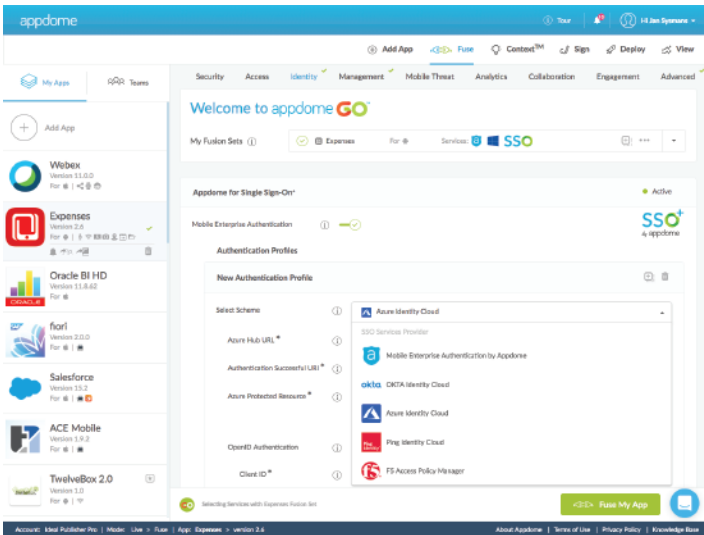

Image: Fuse Oracle Expenses with Microsoft Intune MAM and Azure AD SSO

Guaranteed Compatibility and Outcomes

Appdome works with Android and iOS apps built in any development environment, including non-native and hybrid environments like React Native, Cordova and Xamarin. Moreover, mobile apps, SDKs and APIs don't work together out-of-the-box. Appdome bridges the gaps between both mobile apps and services, SDKs and APIs. The result is guaranteed mobile integrations every time users click "Fuse My App."

Point-and-Click Mobile Integration Platform

The Appdome platform is an easy-to-use, intuitive workflow to integrate services into apps. Users simply upload Android and iOS apps, select features, service SDKs and APIs to add to their apps, and click "Fuse My App." Users then can sign apps and deploy them using their normal workflow. Appdome-GO™ supports automatic deployment of Fused apps to the Apple Appstore, Google Play, Microsoft Intune, IBM MaaS360 and MobileIron.

ONEShield™ App Shielding

On top of every implementation on Appdome, users and their apps get a wide range of advanced security features that protect the logic, structure and code of the app itself. This comprehensive feature set includes anti-tampering, anti-debugging, TOTALCode™ Obfuscation, and encryption for data stored in strings and preferences inside the app. ONEShield is added to each app dynamically at the end of a Fusion-integration and like all integrations on Appdome, requires no code or coding.