

CONTINUOUS INTEGRATION AND DELIVERY FOR MOBILE APPS

Use Appdome's no-code mobile integration and Appdome-DEV™ to accelerate CI/CD

SIMPLIFYING MOBILE APP INTEGRATION

Appdome-DEV provides mobile development and DevOps teams the capabilities required to accelerate release cycles and improve app delivery. With Appdome-DEV, the Appdome fusion platform is seamlessly integrated to an organization's Continuous Integration/Continuous Delivery (CI/CD) systems, allowing them to add Appdome's SDK and service integration to their environments. The Appdome-DEV service also provides templates, in-app event handling, team collaboration and more to maximize productivity and efficiency.

Appdome's no-code, mobile integration platform as a service (IPaaS), allows organizations to quickly add mobile security, SDKs and APIs into any Android and iOS mobile app in seconds – post build. There is no code or coding required. This enables anyone, including DevOps to integrate third-party services into mobile apps and complete projects themselves - with no dependencies on what's coded inside the app.

With Appdome, the line-by-line, manual development work required to add SDK/APIs and other services to apps is gone. This also includes any required mobile standard, framework, method and workflow needed inside the mobile app. Bottom line, developers can simply build great apps, focusing their attention on the use case and user experience needed in the app. After building the app, anyone can use Appdome to automatically add third-party services as a final step in the CI/CD workflow.

Appdome-DEV enhances organizations' investment in CI/CD tools and the team members who are assigned specific steps and responsibilities in the CI/CD workflow. Appdome is designed to integrate directly into existing CI/CD workflows and tools (such as Jenkins and GitLab CI) at a platform and organizational level. Organizations can connect Appdome directly to build systems and assign integration responsibilities to different teammates as needed.

AUTOMATE THE ENTIRE MOBILE INTEGRATION LIFECYCLE WITH APPDOME-DEV

Appdome-DEV expands on Appdome's no-code mobile integration capabilities to provide organizations all the tools needed to accelerate mobile integration lifecycles. Inside Appdome-DEV, organizations will find mobile integration templates, team, integration with build systems, automatic publishing and more. Appdome-DEV allows organizations to complete hundreds of simultaneous integrations, making Appdome the perfect complement to other CI/CD systems and tools which enterprises already use in their workflow.

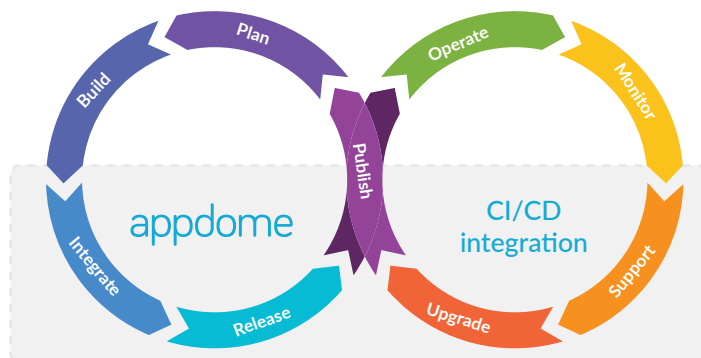


Image: Appdome-DEV integrates with CI/CD workflows

KEY FEATURES AND BENEFITS OF APPDOME-DEV

Appdome-DEV APIs

Appdome-DEV provides a collection of RESTful APIs to connect CI/CD automation systems (such as Jenkins and GitLab CI). This enables organizations to remove SDK/API mobile integration from the build process and complete integrations post-build automatically.

Appdome-DEV's APIs automate all the steps of the Appdome Workflow including Build, Fuse, Sign, Publish and Fusion Notify. With Appdome-DEV, developers automatically push Android and iOS apps to Appdome directly from their build systems and complete automatic jobs for any Fusion-Set created on Appdome.

Appdome-DEV also offers the ability to automatically deploy Fused (integrated) apps to any public app store (like Apple's AppStore or Google Play) or private appstores (such as Microsoft Intune, IBM MaaS360 or MobileIron).

End-to-End Integration Templates

Mobile developers and DevOps teams can create re-usable mobile integration templates, called Fusion Sets™ on Appdome. Fusion Sets allow organizations to add pre-defined information needed in each step in Appdome's mobile integration workflow, including Fusion (integration) choices, mobile app Context™ (configuration and branding), app signing, and deployment. Fusion Sets can include any combination of third-party services, SDKs or APIs. Using Integration-Freeze™, a Team member can lock a Fusion Set for production use, guaranteeing that the approved Fusion Set will always be used by others. Organizations can subscribe one or more Android or iOS app to each Fusion Set, to complete end-to-end mobile integration lifecycles fast.

Mobile Integration Teams

Appdome Teams are collaborative workspaces allowing owners of a specific organizational responsibilities to come together to complete mobile integration projects. For example, team members can include experts on development, security, IAM, delivery and other areas related to the mobile app lifecycle. Appdome supports two models of Teams: Organization (internal users only) and Open (internal and external users). For example, using the Open Team Model, an organization that builds mobile apps for customers, can invite the customer to become a member of the team so that they can add the right network configurations to the Fused app and sign it with their enterprise developer certificates. Appdome Teams are unique separate entities that exist in a secure, private, multi-tenant environment.

Appdome-DEV Events™

Appdome DEV-Events can trigger developer lifecycle systems by integration-oriented activities such as fusion complete, ready to be published and more. As a result, Appdome delivers notifications for key integration workflow events so that other systems can be linked to the process. Examples of these triggers are: push notifications, send emails, start automated processes, etc.

Release Teams Entitlements

Release Teams entitlements ensure that Appdome platform users have access to the mobile integration services they need.

Appdome supports two entitlement models for Release Teams: Collaborate and Manage.

Collaborate allows release team members to claim and assign responsibilities in an open flexible system of entitlements. This collaborative workflow empowers diverse functional areas to perform the work needed to release an app.

Manage allows a team leader to assign entitlements to different release team members, according to their expertise for the different steps in the mobile integration workflow. For example, app-signing entitlements can be given to team members who are not part of the development organization. Manage also allows approvals of mobile integration and publication. Organizations can use different models for testing and production to improve mobile app delivery.

Flex-Release™ - Shareable Fusion Sets and Fused Apps

With Flex-Release, key members of the DevOps team can test and determine the correct integrations and approve Fusion Sets and/or Fused Apps, before sharing them with a different production team. Once in production, that Fusion Set is fully integrated in the automatic build system, without impacting the workload for the production DevOps team. Build-by-build, the organization can guarantee that the required third-party services are integrated into the app.

Sign-Right™ App Signing

Appdome offers the mobile industry's first automatic secure app signing and sign verification service. It automates the app signing process and ensures that Fused apps are signed correctly, thus eliminating common signing errors which plague manual mobile integration projects.

Appdome-DEV Logs™

Appdome-DEV Logs are very powerful for troubleshooting and auditing purposes. Throughout the integration workflow, it provides a complete history of all integration and deployment activities, available on a per app and per Fusion Set basis. This enables Appdome admins to view and audit the complete log history, seeing who did what during each step of the Fusion process.

Appdome-DEV Logs also offers built-in versioning and indexing for everything users do on Appdome, such as uploaded apps, Fused builds, Fusion Sets, signing activity and more.

In addition, Integration Binding ensures that all activities related to published builds are fully trackable, using mechanisms like timestamps, fusions stamps and audit stamps. Lastly, users can also access and re-integrate original app binaries to suit any mobile integration use case.

Learn more about Appdome at www.appdome.com or open a free Appdome account at fusion.appdome.com.

ABOUT APPDOME

Appdome is the industry's first no-code mobile integration platform. Appdome's patented*, Fusion technology and its AI-Digital Developer™, known as AMI, powers a self-service platform that allows anyone to complete the integration of thousands of mobile services, standards, vendors, SDKs and APIs in security, authentication, access, mobility, mobile threat, analytics and more, adding these services to any mobile app instantly. Leading financial, healthcare, government and e-commerce providers use Appdome to deliver rich mobile experiences, eliminating development complexity and accelerating mobile app lifecycles. For more information, visit www.appdome.com.

*Yehuda et al. Method and system for merging several binary executables. U.S. Patent 9,934,017 B2 filed November 15, 2015, and issued April 3, 2018.