appdome

Go Mobile With SecurePWA™

Transform Web and Cloud Apps to Android and iOS Apps Without Coding a Thing

THE CHALLENGE OF GOING MOBILE

Over the past decade, enterprises have invested heavily in web and cloud apps to improve workplace productivity, quality of data and results. Today, Gartner suggests that modern organizations use hundreds of enterprise web and cloud apps. The number of web and cloud apps in each organization increases as the number of employees increases. At the same time, the Millennial generation has hit the workforce, dramatically increasing the demand for mobile-first apps that don't force users to turn on laptops or sit at desktops. Transforming web and cloud apps to Android and iOS apps is a huge undertaking. Scarce resources, including mobile developers, time and money, prevents most organizations from ever going mobile.

BROWSERS ARE A BUST IN THE ENTERPRISE

In the past, enterprise organizations would rely on the secure browser to solve the challenge of bringing web and cloud apps to mobile. Unfortunately, most secure browsers are tightly tied to specific unified endpoint management (UEM) and mobile application management (MAM) systems, which require device enrollment and may have limited audiences. Also, as the number of web and cloud apps proliferates, the tab system inherent in all browsers buries the web and cloud app from view. Within the tab system, web and cloud apps become forgotten resources, hidden beneath the browser icon on a user's device. Web clips and shortcuts were devised as a way to bring the forgotten into the light. These strategies placed the icon on the front screen of the user. Unfortunately, these too were short lived as they were mere entry points to the first screen of the app and offered limited control and security for the administrator.

GOING MOBILE WITH SECUREPWA

With SecurePWA™, organizations can create full-fledged,- stand alone, progressive web apps for Android and iOS using the existing website address of the web or cloud app. This eliminates the development work needed to create a separate, native mobile app for each web or cloud app as well as the need to build, manage and secure a dedicated mobile web application server infrastructure. With SecurePWA, organizations can create 1 or 100s of secure progressive web apps in minutes, bringing the full power of mobile apps to their users instantly.

SecurePWA is a great solution for transforming web and cloud apps without a native mobile app into native Android and iOS apps, or when mobile app binaries (IPAs/APKs) are unavailable. Organizations can also use Appdome to protect the app with Appdome's security, authentication or access features or use Appdome's no-code integration service to add 3rd party UEM/MAM, enterprise authentication and access features. SecurePWA apps can be distributed via any public or private app store, where users can easily discover and install the apps on any mobile device.

Appdome SecurePWA Delivers All the Freedom of a Native Mobile App Without a Binary or a Browser

	Websites	Shortcuts	Native Mobile Apps	PWA
Binary Required	X	X	✓	X
Controlled or Enhanced Navigation (vs. Tabs, open browser search bar, return - to - use, etc.)	X	X	✓	✓
Experience Control (icon, name, branded screens, app switching, push notification, location, etc.)	X	X	✓	✓
SiteTRUST™ (Anti-Phishing with ATS for iOS and NCS for Android)	X	X	✓	✓
Local Authentication (FaceID and TouchID)	X	X	✓	✓
EnterpriseID™ (Secured Credentials and Cross-App ID)	X	X	✓	✓
Prevent Mixed (personal vs. corporate) Use	X	X	✓	✓
Zero Management Security (DLP, Encryption, Jailbreak/Rooting, and Secure Communication)	X	X	✓	✓
Support for UEM-MAM (Intune, VMware Workspace ONE, etc.)	X	X	✓	✓
Mobile Web Application Server Required	X	X	✓	X
Browser required (incl. Forced default browser)	✓	✓	X	X
Ease of Install and Pre-Set URLs	X	✓	✓	✓
Offline Use	X	X	✓	✓

ACCELERATING THE ADOPTION OF CONSUMER-FACING APPS

The opportunity for PWAs is even bigger for consumer apps. Gartner believes that "progressive web apps will replace 50% of general-purpose, consumer-facing mobile apps." With Appdome SecurePWA, an organization can instantly transform any consumer website into an Android and an iOS app without coding. Appdome SecurePWA offers a guaranteed outcome, at a fixed price without any dependency on mobile developers.

The mobile development effort required to building an app with dozens of features is 2-4 months and comes at a cost between $200,000 and $350,000, per OS. And this is without adding mobile security such as data encryption, code obfuscation and app hardering. With Appdome's instant delivery at a fixed cost, organizations can immediately provide their customers with a secure mobile solution without any dependencies on mobile engineering roadmaps.

Appdome SecurePWA is a great alternative for mobile apps in the banking, shopping, payment, loyalty, travel and gaming industries.

Learn more about Appdome SecurePWA at **www.appdome.com**.
Open a free Appdome account at **fusion.appdome.com** and start securing your apps!

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.