appdome

Securing Data Visualization App

Large data visualization company secures its mobile app and facilitates enterprise deployments of its business intelligence solution

CHALLENGE

This data visualization software and business intelligence company needed to enable their large enterprise customers to manage BI apps in their UEM (Unified Endpoint Management) and MAM (Mobile Application Management) solution.

The company started out manually integrating UEM and MAM SDKs into their app. While this was manageable initially, the company soon ran into resource and roadmap constraints. As a result, the UEM and MAM version of their app was several versions behind the latest versions on the app stores. This led to widespread customer dissatisfaction. In addition, the UEM and MAM versions of the app were late in supporting the most recent OS versions of Android and iOS.

The company realized that the inability to secure BI apps in their customers' UEM and MAM solution was hurting their ability to support their large enterprise customers and remain competitive in this important market segment.

SOLUTION - APPDOME TOTALMOBILITY

After an extensive POC and comparison of different solutions, the company decided to use Appdome TOTAL-Mobility to deliver customers any management, authentication, VPN and security feature set needed, tailor made to their specific enterprise environments.

The company uses Appdome TOTALMobility to build and publish the most update version of its app that support Microsoft Intune, VMware Workspace ONE and Black-Berry Dynamics and Microsoft Identity Services.

With Appdome the company has the flexibility to publish a standard version of the implementation on the public app stores as well as provide its most import- ant customers with a custom release of the UEM/MAM version to meet specific enterprise requirements.

SOLUTION HIGHLIGHTS

- Supports all UEM and MAM vendors for management, security and tunneling.
- Supports on-premise and Microsoft cloud-based authentication solutions.
- Repeatable, consistent model for standard and custom implementations.
- Standard implementation distributed via public app stores. Custom implementations deployed to employees via private app stores.

BENEFIT

Without Appdome, the company never had the ability to achieve unique outcomes for different customers. Maintaining different code trees to support different customers is an engineering and support nightmare.

With Appdome, the company is able to achieve this desired outcome without incurring any additional development work and while maintaining only one code tree. As a result, all mobile development resources can be focused on product functionality and all UEM and MAM versions are always synchronized with the app store version of the app.

As a result, both customer satisfaction and revenue have increased, enabling the company to have a strong and clear advantage in the highly competitive enterprise BI market.

APPDOME TOTALMOBILITY

On Appdome, enterprise software companies can easily add support for leading UEM and MAM SDKs including:

Microsoft Intune – Add the complete Microsoft Intune App SDK to any Android and iOS app in seconds without coding – even apps built in frameworks the SDK doesn't support, like React Native.

Appdome is a Microsoft Intelligent Security Alliance (MISA) partner.

VMware Workspace ONE – Add the complete VMware Workspace ONE SDK + support for Boxer email and secure VMware browser to any Android and iOS app, even apps written in a framework not supported by the SDK, in seconds, without coding.

BlackBerry Dynamics – Add the complete BlackBerry Dynamics SDK to any Android and iOS app without coding.

On Appdome, enterprise software companies can easily add support for leading IAM solutions including:
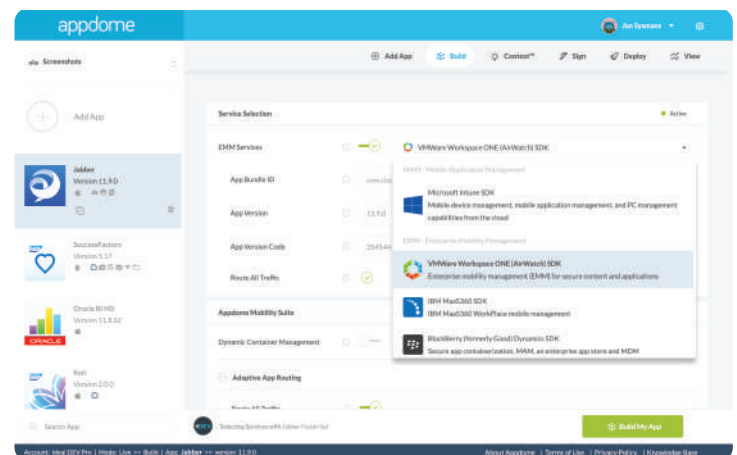
Microsoft Identity and Access Mangement – Use Microsoft Identity and Access Management solutions like Active Directory, ADFS, Azure AD, MSAL, and NTLM in any internally developed or 3rd party Android and iOS app. No prerequisite for SAML, OAuth 2.0, OpenID Connect or other standards in the app.

GUARANTEED OUTCOME AT A FIXED COST

Appdome TOTALMobility is a zero-development solution which offers enterprise software companies a guaranteed outcome at a fixed cost.

- **Certified Secure:** Provides a record of each security feature that is added to an app.

- **Ecosystem Services:** Enterprises can leverage secure browsing, email, document sharing and other EMM or MAM ecosystem services. This is extremely powerful for organizations that leverage productivity apps from their chosen EMM vendor, or for organizations that want to promote collaboration or sharing among apps.

- **Leverage Existing Identity Infrastructures:** Organizations can leverage existing enterprise identity infrastructures inside the mobile apps they. This allows organizations immense flexibility to deliver mobile apps that leverage existing identity services, as well as fast migrations to new identity services.

- **No Impact on Development Resources and Roadmap:** Organizations can secure apps without impacting release cycles (fast time to market) or increasing budgets (lowest budget impact).