# Blue Cedar Accelerator for Microsoft

Blue Cedar is the leading mobile app security integration platform that secures and accelerates the development of secured native and third-party mobile apps through an automated, no-code solution. Blue Cedar has collaborated with Microsoft to create the Blue Cedar Accelerator for Microsoft that enables Microsoft Intune app protection and security controls, and a single sign-on (SSO) experience in Blue Cedar-integrated mobile apps, without requiring device enrollment or manual coding. The integrated solution provides a frictionless method to rapidly secure mobile apps and enable enterprise-level controls, while saving substantial development hours and IT budget.

Integrate Sign

BlueCedar™ Integration Platform
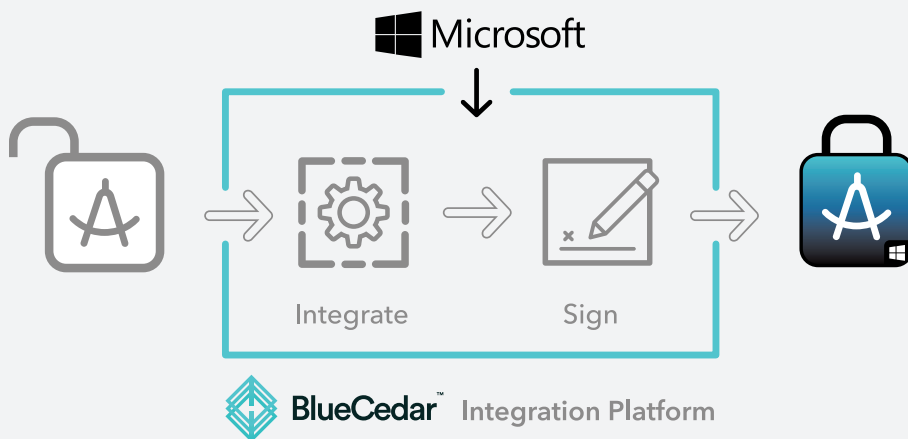
One-Click App Security

With Blue Cedar, generating a Microsoft Intune protected mobile app becomes an incredibly simple process. Simply upload an unsigned iOS or Android app to the Blue Cedar platform, click a button and the platform automatically embeds Microsoft Intune SDKs and Microsoft Azure Active Directory Authentication Libraries (ADAL) into the app. The integrated app can be configured and managed from the Microsoft Intune admin console, authenticates to cloud or on-premises Active Directory (AD), and is compatible with Microsoft 365 and other Microsoft Intune-protected mobile apps. Zero coding and zero SecDevOps resources are required to create an integrated app.

FEATURES

- **Mobile OS Support.** Blue Cedar can integrate apps built for iOS v10 and higher, and Android v5 and higher.

- **Microsoft Support.** The Blue Cedar Accelerator for Microsoft supports Intune App SDK for iOS, Intune App SDK for Android, and Azure ADAL and enables the following app protection policies in integrated apps:

  - Cut/copy/paste restriction
  - Encrypt locally stored app data
  - Remote wipe
  - Open links in the Intune Managed Browser app
  - Enforce PIN policy
  - Sign in with a work or school account
  - Jailbreak/ root detection
  - Authentication to cloud or on-premises Active Directory (AD)

- **Development Frameworks.** Blue Cedar can integrate apps created using any development framework, including Xcode, Android Studio, Xamarin, Cordova, Adobe PhoneGap, HTML5, React Native, Flutter, Swift, Kotlin, Java and Ionic.

No-Code Secure Microtunnel

Optional functionality available with the Blue Cedar Accelerator for Microsoft incrementally embeds Blue Cedar secure in-app VPN (a secure microtunnel), to ensure that Intune apps connect to protected networks or applications via the Blue Cedar Connect Gateway or 3rd-party gateways, without coding or requiring end-user VPN configuration.

Spend Time On Innovating

Blue Cedar makes the complex process of app integration appear to be trivial. The process of intercepting tens of thousands of function calls, overriding classes and methods, making static changes in the app binaries, enabling runtime trapping, and more, is completely invisible to the developer and is performed automatically without introducing faults. Other than changes required to Microsoft Intune-enable apps, integrated apps functions exactly the same way as they did before. Blue Cedar enables developers to spend more time on app innovations instead of on integrating security because of updates to the app or the Microsoft Intune App SDKs or Azure ADAL.

Develop Your Way

Blue Cedar provides enterprise developers with choice. The Blue Cedar platform can be deployed on premises or can be used in the cloud. The platform embeds Microsoft Intune and Azure ADAL into any app, regardless of the app framework and databases used for development. For example, a developer may not have the source code for a library that is being used in an app or may want to develop the app using a framework that is not supported by a vendor's app security SDKs. Because Blue Cedar uniquely has deep visibility up to the network layer where it intercepts function calls and integrates necessary controls, it can ensure that integrated apps have Microsoft app-level security controls and SSO functionality even in such situations and without writing a single line of code.

NOTE: A Microsoft Intune license is needed to complement the Blue Cedar Accelerator for Microsoft.