



ZEBRA

# EMDK FOR XAMARIN

## SIMPLIFY MOBILE APP DESIGN: EASILY ACCESS ZEBRA MOBILE COMPUTER FEATURES WITHIN XAMARIN

Xamarin's cross-development platform lets you reuse your existing C# skills and tools to develop fast, beautiful apps for Android devices. And, with Zebra's EMDK (Enterprise Mobility Development Kit) for Xamarin, it's easy to incorporate all the advanced enterprise features that Zebra's Android mobile computers offer — from barcode scanning to automatic population of forms — into your Xamarin apps. Our EMDK simplifies mobile app design for faster, more cost-effective development cycles, while ensuring your end users enjoy the best possible mobile experience and get maximum value from their Zebra mobile computers. EMDK for Xamarin — create powerful native Android apps for your Zebra mobile computers.



### A wealth of development tools

With the EMDK for Xamarin, you get a comprehensive set of tools, including class libraries, sample applications with source code, and all the necessary documentation to help your applications take full advantage of what our devices have to offer.

### Minimize development time with Profile Manager

The Profile Manager GUI development tool makes it easy to enable device features and settings in your app. Use the GUI to create profiles for particular device features. Then, simply apply a profile in your application and modify the settings as needed. You'll get the fine level of control you need, without having to write new code with each app. The result? Fewer lines of code to accomplish app tasks — minimizing development time and the chance for errors.

### Take advantage of all the advanced features that Zebra mobile computers offer

A key benefit of EMDK for Xamarin is how easy it is to incorporate all the value-add features of Zebra mobile computers, including: barcode scanning, magnetic stripe reader, Wi-Fi, clock and more. As new features are introduced in Zebra mobile computers, new profiles will be added to the EMDK to ensure your applications can take advantage of all the latest technology.

### Easily integrate Zebra Mobility Extensions (Mx)

Mobility Extensions (Mx) is a suite of enterprise features on top of Android Open Source Project (AOSP) that transforms Android into a true enterprise-ready OS. With Mx, you can easily add support for enterprise-class features missing from Android — such as enterprise-class security, application management, device management, data capture and Wi-Fi. You are in complete control over which features you want to activate, and when.

**EMDK FOR XAMARIN — REUSE YOUR EXISTING C# SKILLS AND CODE TO BUILD POWERFUL ANDROID APPS FOR ZEBRA DEVICES.**

FOR MORE INFORMATION, VISIT [WWW.ZEBRA.COM/SDK](http://WWW.ZEBRA.COM/SDK) OR ACCESS OUR GLOBAL CONTACT DIRECTORY AT [WWW.ZEBRA.COM/CONTACT](http://WWW.ZEBRA.COM/CONTACT)

# SPECIFICATIONS

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## FEATURES

Supports Visual Studio 2013 and greater  
Supports Xamarin Studio 5.9.5 and greater (Windows and Mac)  
Installs as an IDE Plug-in for Visual Studio and Xamarin Studio  
Online Documentation  
Sample Code:  

- Built-in barcode API sample
- Online data capture profile sample
- Online Wi-Fi profile sample

For more information, please visit:  
<http://techdocs.zebra.com/emdk-for-xamarin/latest/samples/>  
Top Symbol.XamarinEMDK API:  

- EMDKManager, ProfileManager, VersionManager
- Symbol.XamarinEMDK.Barcode
- <http://techdocs.zebra.com/emdk-for-xamarin/latest/api/>

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## REQUIREMENTS

Microsoft Visual Studio 2013+ the Xamarin Platform

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## SUPPORTED VERSIONS

Xamarin Business; Xamarin Enterprise

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## SUPPORTED ZEBRA MOBILE DEVICES

EMDK for Xamarin supports Zebra devices running Android KitKat and newer:  
For the most up-to-date list, please visit: <http://techdocs.zebra.com/emdk-for-xamarin/latest/guide/about/>

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## SUPPORTED DEVICE FEATURES

For a current list of supported features for each device, please visit:  
<http://techdocs.zebra.com/emdk-for-xamarin/latest/guide/about/#devicesupported>

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## RECOMMENDED SERVICES

Zebra Application Development JumpStart Service; Zebra OneCare Software  
Application Developer Help Desk; Zebra Application Test and Validation Bundle

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