
Release Notes - EMDK for Xamarin v2.6

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Important News

- The EMDK for Xamarin provides C# developers with a comprehensive set of tools to easily create powerful line of business applications for enterprise mobility devices and is designed for use with Visual Studio or Xamarin Studio. The EMDK for Xamarin includes class libraries, sample applications with source code, as well as all of the associated documentation to help your applications take full advantage of what our devices have to offer. It also includes an exclusive Profile Manager Technology within the Visual Studio and Xamarin Studio, providing a GUI based development tool to use along with Profile Manager API. This allows you to write fewer lines of code resulting in reduced development time, effort and errors.
- **EMDK for Xamarin support for all KitKat (Android 4.4.3 or higher) devices has been dropped.** - The EMDK for Xamarin v2.5 was the final version distributing EMDK OS update package with the PC/MAC installations for KitKat devices. For all Lollipop or higher devices, the EMDK update for a specific device will be distributed with the latest BSP or security incremental patch.
- **Online Help:** The [EMDK for Xamarin](#) Help documentation is now available only online. The EMDK installation will no longer install the documentation on the development computer.
- **Online Samples:** The [EMDK Samples](#) are now available only online. The EMDK installation will no longer install the samples on the development computer. The online samples can be downloaded and used on the development computer.

Applications accessing EMDK for Xamarin APIs are required to use the Symbol.XamarinEMDK component.

Introduction

The EMDK for Xamarin provides developers with the tools necessary for creating applications that target the enterprise mobility 'Xamarin' libraries, such as Barcode. This developer kit is designed

for use with Visual Studio or Xamarin Studio with Xamarin.Android. The Xamarin Business or Enterprise license is required.

Note: For EMDK for Xamarin documentation and discussions, please visit the Launchpad Developer Community Web site at: <https://developer.zebra.com/community/android/xamarin>

Description

1. Added support for VC80x and MC33 Nougat (Android 7.1.2) devices
2. Added support to scan barcode using Camera on TC51, TC56, TC70x and TC75x Nougat (Android 7.1.2) devices. This is supported if the system has Scanner Framework 19.0.8.0 or above.
3. Added support for MX v7.1 in Profile Manager:
 - License Manager – Added new feature to perform license management operations such as configure license source, license activation etc.
 - Display Manager – Added ability to control display blanking.
 - Key Mapping Manager – Added macro keys, brightness keys and keyboard as options
 - Wireless Manager – Added ability to select antenna to use for both WiFi and Bluetooth.
 - Power Manager
 - o Added ability to select ports and specify port action.
 - o Added ability to select the Heater and specify heater action
 - o Added ability to configure auto power options
 - o Added ability to disable GMS Welcome Screen on Enterprise Reset
 - o Added ability to specify the temperature at which the heater should turn ON or OFF
 - UI Manager
 - o Added ability to enable/disable Navigation Bar.
 - o Added ability to enable/disable Recent App button.
 - Wi-Fi
 - o Added ability to enable/disable Wireless Network Management (802.11v).
4. Enhanced SerialComm API:
 - Added a feature to concurrently communicate with the multiple connected serial devices on VC80x.
5. Enhanced Barcode Manager API with the following features:
 - Added support for new USB Scanner DS3608:
 - This scanner is supported with VC80x and ET5X devices.
6. Terminated EMDK for Android support for all KitKat (Android 4.4.x) devices. - The Xamarin EMDK v2.5 was the final version supporting KitKat (Android 4.4.x) devices. Starting from Xamarin EMDK v2.5, only the Lollipop or higher devices are supported.

Device Compatibility

Please refer to the below link for device and operating system compatibility.

<http://techdocs.zebra.com/emdk-for-xamarin/2-6/guide/about/#devicessupported>

Installation Requirements

The following software must be installed prior to using the EMDK for Xamarin.

- Microsoft® Windows 7 (32-bit and 64-bit) or Microsoft® Windows 8 (32-bit and 64-bit) or Microsoft® Windows 8.1 (32-bit and 64-bit) or or Mac OS X 10.10 or higher.
- [Java Development Kit \(JDK\)](#) v7u45 or higher.
- Visual Studio 2013, Visual Studio 2015, Visual Studio 2017 or Xamarin Studio 6.0, Xamarin Studio 6.1, Xamarin Studio 6.2, Xamarin Studio 6.3.

Usage Notes

None.

Known Issues

None.

Part Number and Release Date

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