

EMDK for Xamarin 5.0

Release Notes - August 2019

Highlights

Support added for Visual Studio 2019 - EMDK for Xamarin 5.0 is the first version supporting Visual Studio 2019.

Support added for Android 9 Pie - EMDK for Xamarin 5.0 is the first version supporting Android 9 Pie devices.

Support discontinued for Android 7.1 Nougat - EMDK for Xamarin 4.0 was the final version supporting Android 7.1 Nougat devices. Starting with v5.0, only Android 8.1.0 Oreo or higher is supported.

Support is deprecated and will be discontinued for Unique Device Identification (UDI) standard barcodes such as GS1, HIBCC and ICCBBA in Barcode API - Starting with EMDK for Xamarin 5.0, UDI support is deprecated, and it will be discontinued starting with Android 10 Q.

Device Support

- **Newly supported devices in this release:** CC600/CC6000 Oreo, EC30 Oreo, ET51 Oreo, ET56 Oreo, L10 Oreo, MC9300 Oreo, TC25 Oreo, TC8300 Oreo, VC8300 Oreo, PS20 Pie, TC52 Pie, TC72 Pie
- **Device support dropped with this release:** MC33 Nougat, TC20 Nougat, TC25 Nougat, TC51 Nougat, TC56 Nougat, TC70x Nougat, TC75x Nougat, VC80x Nougat, WT6000 Nougat

See [all supported devices](#)

New in EMDK for Xamarin 5.0

Support for MX v9.1

Currently these features are supported only on devices running Android 8.1.0 Oreo or higher:

- UI Manager new features:
 - Control Password visibility can be achieved
- App Manager new features:
 - Clear app user data
- Power Manager new features:
 - Choose the Wake-Up Method
 - Use Hardware signals to Wake-Up
 - Use Software (Mappable keys) for Wake-Up

Enhanced Barcode Manager API

Currently these features are supported only on devices running Android 8.1.0 Oreo or higher:

- Added new enum and reader parameter to support DPM mode, allowing selection of the DPM mode based on the type of barcode being scanned:
 - Added new enum **DpmModes** under ScannerConfig - Allows selection of the DPM modes between Disabled, Mode1 and Mode2
 - Added new reader parameter **DpmMode** in ScannerConfig.ReaderParams.ReaderSpecific.ImagerSpecific - Activates the DPM mode
- Added new enum and reader parameter to support DPM illumination control allowing control of the illumination for DPM barcode reading:
 - Added new enum **DpmIlluminationControl** under ScannerConfig – Allows selection of the DPM illumination options between Cycle, Direct and Indirect
 - Added new reader parameter **DpmIlluminationControl** in ScannerConfig.ReaderParams.ReaderSpecific.ImagerSpecific - Controls the DPM illumination

Resolved Issues

- None

Usage Notes

- None

Known Issues

- None

Important Links

- [Installation and setup instructions](#)
- [See all supported devices](#)

About EMDK for Xamarin

EMDK for Xamarin provides C# developers with a comprehensive set of tools to easily create a powerful line of business applications for enterprise mobility devices and is designed for use with Visual Studio with Xamarin.Android. EMDK for Xamarin includes class libraries, sample applications with source code, as well as all the associated documentation to help applications take full advantage of what Zebra devices have to offer. It also includes an exclusive Profile Manager Technology within Visual Studio, providing a GUI based development tool to use along with Profile Manager API. This allows fewer lines of code, resulting in reduced development time, effort and errors.