

Release Notes - EMDK for Android v6.7

Contents

- [Important News](#)
 - [Introduction](#)
 - [Description](#)
 - [Device Compatibility](#)
 - [Installation Requirements](#)
 - [Device Updates](#)
 - [Usage Notes](#)
 - [Known Issues](#)
 - [Part Number and Release Date](#)
-

Important News

- **Supported Devices:** For a complete list of supported devices, visit the [TechDocs](#) webpage.
- **EMDK for Android support for all KitKat (Android 4.4.x) devices has been dropped** - EMDK for Android v6.6 was the final version supporting KitKat (Android 4.4.3 or higher) devices. Starting from EMDK for Android v6.7, only the Lollipop or higher devices are supported.
- **EMDK OS update package for KitKat devices will no longer be distributed** - The EMDK for Android v6.6 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.
- **EMDK for Android support for all Jelly Bean (Android 4.1.2) and TC70 KitKat (Android 4.4.2) BSP version 112414 devices**

has been terminated - EMDK for Android v5.0 was the final version supporting these devices.

- **EMDK for Android support for Payment APIs is terminated** - The EMDK for Android v5.0 is the final version that supports Payment APIs.
- **Support for ProfileConfig class has been deprecated**
 - The ProfileConfig class which can be used to access the profile data has been deprecated. It is recommended to use the [name-value pair](#) function of Profile Manager feature. The Profile XML can also be directly modified. Refer to the [Clock Sample](#) for information on modifying Profile XML data.
- **Support for ContinuousRead class is deprecated**
 - The ContinuousRead class which can be used to enable the continuous scanning has been deprecated. It is recommended to use the aimType,sameSymbolTimeout, differentSymbolTimeout of camera, imager and laser specific reader parameters.
- **Support for picklist field is deprecated** - The picklist field used for enabling the picklist mode has been deprecated and it is replaced by the field picklistEx.
- **Online Help:** The [EMDK for Android 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.

Introduction

The EMDK for Android provides 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 Google Android Studio. The EMDK for Android includes enterprise mobility 'Android' class libraries such as Barcode, 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 Android Studio IDE, providing a GUI based development tool. This allows you to write fewer lines of code resulting in reduced development time, effort and errors.

Description

1. Added support for TC20, TC25, MC33 Nougat (Android 7.1.2) devices. For a complete list of supported devices, visit the [TechDocs](#) webpage.
2. Added support for [Android Studio](#) v3.0.
3. Added support to scan barcode using Camera on TC51, TC56, TC70x, TC75x devices. This is supported if the system has Scanner Framework 19.0.8.0 or above.
4. 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 blank the screen (to block out interaction).
 - 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
 - i. Added ability to select ports and specify port action.
 - ii. Added ability to select the Heater and specify heater action.
 - iii. Added ability to configure auto power options.
 - iv. Added ability to disable GMS Welcome Screen on Enterprise Reset.
 - v. Added ability to specify the temperature at which the heater should turn ON or OFF.
 - UI Manager
 - i. Added ability to enable/disable Navigation Bar.
 - ii. Added ability to enable/disable Recent App button.
 - Wi-Fi
 - i. Added ability to enable/disable Wireless Network Management (802.11v).
5. Enhanced SerialComm API:

- Added a feature to concurrently communicate with the multiple connected serial devices.
6. Enhanced Barcode Manager API with the following features:
- Added support for new USB Scanner DS3608:
- i. Added new enum under BarcodeManager.DeviceIdentifier for selecting the DS3608 USB Scanner.
- ii. This scanner is supported with ET5X device.
7. Terminated EMDK for Android support for all KitKat (Android 4.4.x) devices. - The EMDK for Android v6.6 was the final version supporting KitKat (Android 4.4.x) devices. Starting from EMDK for Android v6.7, only the Lollipop or higher devices are supported.

Device Compatibility

For a complete list of supported devices, visit the [TechDocs](#) webpage.

Installation Requirements

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

- 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)
- [Java Development Kit \(JDK\)](#) v7u45 or higher
- [Android Studio](#) v2.2.x or higher. EMDK for Android has been validated with Android Studio v2.2.x, v2.3.x and v3.0.

Notes:

1. The appropriate Android SDK Platform package must be installed on the development machine in order to target the right EMDK APIs SDK add-on. For example, Android 6.0 (API 23) must be installed for targeting EMDK APIs (API 23) as Compile SDK Version in Android Studio.
2. For building EMDK samples, the Android SDK Build-tools rev.23.0.x or higher must be installed.
3. All the Android Studio sessions must be closed if already running.

Device Updates

EMDK OS update package for KitKat devices will no longer be distributed - The EMDK for Android v6.6 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.

Usage Notes

None.

Known Issues

None.

Part Number and Release Date

EMDK-A-0607095
November 21, 2017

© 2014-2017 Zebra Technologies Corp. All rights reserved.