# Zebra RFID Mobile Application for Android[Part #: ]

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## Description

The Zebra RFID Mobile application demonstrates the performance, functionality and versatility of the RFD8500 over Bluetooth Serial Port Profile. It is also an application that can be used as reference to develop new application or to port existing ones to use directly the powerful ZETI (Zebra Easy Text Interface). The text interface provides the flexibility to write once and re-use code on any platform.

Functionality:

1. Inventory – A quick snapshot of the scanned RFID tags and the ability to search a tag from the list.

2. Rapid Read – A simple screen to quickly get unique and total tag counts..

3. Locate Tag - Use the Locate Tag feature to find and locate an item by searching for a specific Tag ID. The device will provide feedback that indicates the relative distance to the tagged item.

4. Filter – Select/deselect a tag based on pattern criteria

5. Access - manipulate standard tag memory locations

6. Settings – Configure the reader to meet your needs.

 a. Connect your iOS device to the RFD8500 once the Bluetooth connection has been established.

 b. Configure the RFID Antenna power and link profile.

 c. Time the Start/Stop Trigger

 d. Control the audible beep volume

7. Use the Power Management settings to optimize battery usage

8. Offload RFID data after RFD8500 inventories in batch mode

9. Battery level notifications

10. Export RFID data to a file in csv format

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## Device Compatibility

* RFD8500

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## Release Notes

### Version 1.0.0.59

* 1. Initial release

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## Components

The zip file contains the following components:

* Android Studio project
* Zebra RFID Mobile Application APK file and source code
* ZETI interface jar and document

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## Installation

Supported operating systems:

* Android 4.4.x and later

Developer system requirements:

* Developer Computers: Windows 7/64-bit
* Android: Android Studio (1.0 or later), and Android API Level 19 or later

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## Notes

Refer to the RFD8500 RFID Developer Guide to get more details on the ZETI interface

Refer to the RFID8500 RFID User Guide for notes on RFID Zebra Mobile application usage

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