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# Release Notes - RFID SDK for FX7500 v1.2.2 - Embedded programming

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## Introduction

This package contains the tools required to develop embedded applications for the FX7500 RFID reader. This package contains files required for C-based application development as well as Java-based application development. This is release v1.2.2. This SDK *must be used* when developing embedded applications for FX7500 software versions 1.2.9.

## Description

This package contains the files required for developing embedded application in C as well as Java. Refer 'Versions' sections to determine which components and their versions.

The following updates have been made in the API:

- **Fixed** – GetTimeZoneList API in .Net 64bit build (x64) throws AccessViolationException
- **Fixed** - Memory leaks observed in RFID3 API based application when reading tags overnight
- **Fixed** - Reader returns incorrect information for RFID\_GetSystemInfo() API
- **Fixed** - C API RFID\_ExportProfileToReader is not working
- **Fixed** - In multi byte mode RFID3 API Login does not support forceLogin
- **Fixed** - RFID\_Login API fails multi byte mode
- **Fixed** - ACCESS\_OPERATION\_BLOCK\_ERASE for OperationSequence fails with count > 1&& ByteCount > 8

## Contents

1. Motorola FX7500 Embedded SDK Installer ver.1.2.2.msi : RFID SDK package for developing embedded applications.

## Device Compatibility

This software release has been approved for use with the following Symbol devices.

Device	Operating System
FX7500	Linux

## **Installation Requirements**

This software package has been approved for use with the following OS:

- Windows XP (32-bit/64-bit)
- Windows 7 (32-bit/64-bit)

It is also required to have the CodeSourcery package for embedded application development on the FX7500.

- CodeSourcery Lite Version 4.4-290 (The installation file name 'arm-2010q1-202-arm-none-linuxgnueabi.exe can be downloaded from [www.mentor.com](http://www.mentor.com))

## **Part Number and Release Date**

February 14, 2014