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# Release Notes – FX7400 RFID release v3.6.0

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## Introduction

This *Release Notes* is for the RFID software version v3.6.0 for Motorola FX7400 RFID Readers.

This software release is a maintenance release which includes a OS update with Microsoft QFE updates and Motorola SPR fixes for several customer issues. These are listed below.

## Description

This FX7400 provider contains the following important SPR fixes:-

- Fixed issue : Slow access operations when reading multiple tags with a Tag-Access sequence operation.
- Fixed issue : Write operation immediately after access operation fails.
- Fixed issue : AD 317 tag write operations problems.
- Fixed issue : Reader crashes when continuously reading tags using access operations as part of tag-access sequences.
- Fixed issue : Web console does not work in browser with Java 8.

The device build includes “*Datawedge RFID plugin for Fixed RFID readers*” incorporated into the FX7400 firmware.

The following AKU updates are a list of the important Windows CE OS included in this release contains the following important AKU updates:-

- [041104\\_KB838781](#) - This is an update to the ARMV4I USB Function device driver.
- [050912\\_KB905911](#) - This update addresses the following issues on ARMV4i platform:
  - o The USB serial device may not get enumerated correctly by Windows XP host.
  - o A failure may occur when attempting to copy a large file over ActiveSync 3.7 to the device.
- [050912\\_KB904643](#) - A memory leak may occur when a USB 2.0 device is inserted/removed multiple times.
- [070223\\_KB931513](#) - When GWES initialization is dependent on a USB driver and the system prompts the user for a driver name, a deadlock may occur.
- [070608\\_KB937755](#) - This update addresses some USB mass storage performance issues.
- [070608\\_KB937830](#) - This update addresses multiple issues which help with stabilizing the USB Stack.
- [050922\\_KB898069](#) - A leak may occur when DST notification gets added into the notification

database when the device is soft booted.

- [051110\\_KB908026](#) - Under certain circumstances SNTP service may set local time incorrectly.
  - [060131\\_KB913551](#) - Daylight saving time may not be set correctly for the southern hemisphere time zone.
  - [060712\\_KB921095](#) - Timezones/DST may not update correctly for 2007 US Timezone change.
  - [070208\\_KB931924](#) - This release updates time zone registry data to resolve some DST 2007 related issues.
  - [070823\\_KB940981](#) - This release updates time zone registry data according to new daylight savings changes for New Zealand and Western Australia.
  - [080508\\_KB951984](#) - The time zone update for Arabic, Eastern Australia, Central Australia and Tasmania.
  - [080930\\_KB958079](#) - This update addresses some of Time Zone data that is out of date and also adds a number of new time zones.
  - [081223\\_KB960785](#) - This update addresses some of Time Zone data that is out of date and also adds a number of new time zones.
  - [090716\\_KB972358](#) - This update adds new time zones (Paraguay, UTC, Kamchatka, and Magadan), corrects time zone display strings, and updates TZI data to reflect current governmental DST timings.
  - [091231\\_KB977613](#) - This update addresses some time zone issues and adds new DST changes.
  - [120110\\_KB2600146](#) - This is a cumulative time zone update.
  - [120131\\_KB2645462](#) - This is a cumulative time zone update.
  - [120313\\_KB2683396](#) - This is a DST update for Chile.
  - [120411\\_KB2697598](#) - This update addresses some DST start/end times from 2011 to 2012.
  - [121022\\_KB2739152](#) - This update addresses some DST changes.
  - [121218\\_KB2785675](#) - DST update for Israel time zone for the year 2013.
  - [050303\\_KB890847](#) - ReTransmit timer is not stopped when a Leave is requested from multicast Group which may result in joining an unwanted multicast group.
  - [050318\\_KB896019](#) - There may be a memory leak when the device is suspended and resumed with a wireless LAN adapter installed.
  - [060720\\_KB922439](#) - ARMv4i only: During TCP communication sessions, Windows CE 5.0 device may reject packets when the TCP sequence number gets too high.
  - [060912\\_KB924889](#) - TCP retransmit timeout may be very large after a long period of no activity on the socket.
  - [070118\\_KB930642](#) - Security update. Vulnerability in TCP/IP could allow denial of service.
  - [070712\\_KB939561](#) - Memory corruption in the TCPSTK may cause an exception error.
  - [080612\\_KB953229](#) - This update turns on the TCP timers when sending packets even if the timestamp option is not being used.
  - [080125\\_KB947371](#) - Security fix. This update addresses SNMP vulnerability.
  - [060523\\_KB918363](#) - Every time the device is restarted, hive registry file may increase in size.
  - [080115\\_KB947560](#) - .NET Compact Framework 3.5 for Windows CE 5.0.
  - [070310\\_KB934175](#) - .NET Compact Framework 2.0 SP2 update addresses known issues.
  - [050422\\_KB897324](#) - DNS responses may not be handled correctly if they require a TCP connection.
  - [060414\\_KB917549](#) - This update addresses the issue with INTERNET\_OPTION\_RECEIVE\_TIMEOUT value not functioning correctly for FTP transfers
- Please contact the Zebra support desk for further details if required.

## Contents

Merlin-5.03.01-Plat3600.zip

## Device Compatibility

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

Device
FX7400

## Installation Requirements

- FX7400 device must contain a released version of software.

## Installation Instructions

There are two methods of updated the FX7400 RFID reader

1. FTP server method à The update files are loaded on a external FTP server and the reader is directed to download the update from that location.
2. File upload method à The update files are updated individually on the reader from users PC.

Please refer the FX7400 user guide for installation process guidance.

## Part Number and Release Date

August 06, 2015