

MC9090-G RFID Customer Release Notes For Software Release Version 3.01.1

Customer Release Notes for Version 3.01.1

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Introduction

The *Customer Release Notes* are designed for the Symbol Technologies MC9090-G RFID mobile computer. The *Customer Release Notes* contain new features, major bug fixes, and a list open issues (not resolved at the time of the release).

The latest support documents updates are available at: <http://www.symbol.com/support>

- MC9090-G RFID Integrator Guide (PN: 72E-89963-xx)
- MC9090-G RFID Customer Release Notes (PN: 72E-899664-03)

Enhancements:

- RFIDDLL directory containing the RFIDAPI32.DLL is copied into the Windows directory during a cold boot.
- Airbeam directory
- WMDRM directory
- Gemini_RFID.exe (sample application)
- Gemini_RFID.Ink (Gemini_RFID link file)
- MPR_FW_003.000.En.S (RFID radio firmware file)
- RFIDDEMO.exe (sample application)
- Gemini_RFID.cpy (copies the Gemini_RFID.exe demo application link into \Windows\Start Menu)
- RFIDFLASH.exe (RFID radio firmware loader)
- RFIDAPI32.CPY (copies the RFIDDLL into the Windows directory)
- RFIDInfo.reg (RFID radio operability status and general information)

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Software Download

The software update package (Build Version 01.33.00) includes the files required to update the MC9090-G RFID radio to the Fusion 2.5 software. This software is only intended to be used to update an existing 3.01 software release with the Fusion 2.5 software release. The RFID software components are not included in this software update however, the RFID software components are provided in the 3.01 software update. Please note that an SD card is required in order to upgrade the reader. Select the appropriate package for the update method being used. The Software Release Files table lists the updated software files contained in the update packages.

The software download is available at: <http://symbol.com/support>

Note: The entire software update bundle must be used. Do NOT mix the update files with previous releases.

Version	File	Date	Size
Software Update Packages			
SD Card Update Loader Package Build Version 01.33.00	9090w50LenUL013300.zip	2/07	1.2 Mb

Zip file contents, software release files:

Image Type	Version	File Name	Date
Application Partition	00.00.01	9090w50LenAP000001R.udl.bin	2/07
Operating System file	01.33.00	9090w50LenOS013300.sig	2/07
Splash screen file	01.33.00	9090w50LenSC000015.BMP	2/07
Monitor Lite file	01.33.00	9090w50XenML0142XX.sig	2/07
Clean Boot (Traditional cold boot)	01.33.00	CleanPS.bin	2/07
How to re-flash via SD card	01.33.00	INSTRUCTIONS.TXT	2/07
Package list file	01.33.00	Pkgs.lst	2/07
Update Loader executable	01.33.00	StartUpdLdr.exe	2/07
Symbol certificates	01.33.00	Symbolcerts	2/07
Flag permits update @ Batt>90%	01.33.00	Uldsettings.cfg	2/07

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MC9090-G RFID Software Upgrade

Installation Prerequisites

The following items are required to perform the update procedure:

- MC9090-G RFID mobile computer with Software Release Version 3.01 installed
- External power supply
- SD Card
- MC9090-G RFID Integrator Guide (PN: 72E-89963-xx) available at: <http://www.symbol.com/support>

Notes: Not all of the files are updated every release. Read the release notes for information about which files were changed. There is not a specific order necessary when installing these files.

Installation Instructions

The version 3.01.1 software update package includes the files to update the MC9090-G RFID mobile computer radio to Fusion 2.5.

External AC power must be applied during this software image update procedure. Do not remove the device from A/C power during the upgrade:

1. Unzip the 9090w50LenUL013300.zip file to the root folder of an SD card.
2. Remove the Keypad and install the SD card in the SD card slot. See the MC9090-G RFID Integrator Guide (PN: 72E-89963-xx) available at: <http://www.symbol.com/support>, for detailed SD card installation instructions.
3. Place the device to be upgrade on external A/C power.
4. Navigate to the SD Card and start the STARTUPDLDR.EXE program.

Note: The update takes about 10 minutes to complete.

Upgrade the software image without AC power. The "ULDRSETTINGS.CFG" is not required if ImageUpdate is being run on AC Power:

1. Unzip the 9090w50LenUL013300.zip file to the root folder of an SD card.
2. Remove the Keypad to access the SD card slot and install the SD card. See the MC9090-G RFID Integrator Guide (PN: 72E-89963-xx) available at: <http://www.symbol.com/support> for detailed SD card installation instructions.
3. Navigate to the SD Card and start the STARTUPDLDR.EXE program.
4. Select the "ULDRSETTINGS.CFG" file. This file contains a flag "AllowUpdateOnBattery"
 - The flag "AllowUpdateOnBattery" set to 1 would allow Image update to continue on battery provided battery life is more than 90%.
 - Setting the flag "AllowUpdateOnBattery" to zero would not allow Imageupdate to continue. An update warning splash screen would be displayed.

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Open Issues

The Customer Release Notes provide the user with known issues, and a listing of feature updates that have not been implemented. This list is an aid, but it not a complete listing of every issue.

	App/Tag Reads/etc	Issue	Frequency	User Impact / Workaround
1	Application	Lock	Always	Does not lock
2	Application	Kill	Always	Does not kill

Questions

For sales related enquiries, contact Symbol Technologies Inc. at 301 610-6100 (Monday-Friday 8:30 a.m. – 5:00 p.m. EST): <http://www.symbol.com/rfid>

For technical assistance please call Symbol at 800-653-5350 (24x7 support line):
http://www.symbol.com/services/howto/howto_contact_us.html

Disclaimer

While Symbol Technologies Inc. has committed its best efforts to providing accurate information in this document, we assume no responsibility for any inaccuracies that may be contained herein, and we reserve the right to make changes to this document without notice.

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