

Release Notes - **SYMBOL TC75 KitKat v1506 with Non-GMS**

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Introduction

Work more efficiently and better serve your customers by giving your employees enterprise-class handheld computers that survive life in the field or shop floor, communicate and access information in real time.

The TC70/TC75 is the professional-grade Android device built from the ground up for the enterprise.

- 4G/LTE (TC75 only) and 8.02.11a/b/g/n connectivity for anywhere, anytime access to information
- Zebra's Mobility Extensions (Mx)
- Mobility DNA, a suite of mobility enabling applications, development tools and utilities
- Most advanced scan engine with longer range date capture capability
- Rugged and ready for every day enterprise use inside and outside the four walls

Description

1. TC75 GA2 REVC Maintenance Release WITHOUT GMS
2. The UI to change SIM Card slot is Pre-Installed. Please do the following to activate the UI and set the SIM slot.
 - Settings -> About phone -> SW components -> Tap "WWAN" 5 times and now the UI to select the SIM slot is activated.
 - Settings -> More... -> Mobile networks -> SIM socket selection

Component Description and Version

| Component / Description | Version |
|-------------------------|------------------------|
| Product Build Number | X1-23257-K-15-06-00-MV |
| Android Version | 4.4.3 |
| Linux Kernel | 3.4.0 |

| | |
|------------------------------------|-----------------------------------|
| Android SDK Level | 19 |
| Platform (TI/MPA/ etc) | QC 8960 Pro |
| Flash Size | 8GB |
| RAM Size | 1GB |
| MSP Package | 7.08.85 |
| Scanning | 6.33.0 |
| SimulScan | 2.5 SimulScanEngine 1.12.8 |
| Datawedge | 6.2.23 |
| EMDK | 5.0.3.0 |
| Mx / OSX | QC_OSX_4.4-4/MXMF: 6.1.1.0 |
| WiFi | Fusion_QA_1.02.0.0.039 |
| PTT | 3.1.20 |
| Touch FW | Stylus-80_GLOVE-105, FW:1.2.AA |
| RxLog | 3.0.0.52 |
| Mlog | v06.52 / Service v06.52 |
| B2M | 1.0.0.260 |
| Bluetooth Pairing Utility | 3.3 |
| DataAnalytics | 1.0.2.1877 |
| File Browser | Ver 1.13 |
| Stage Now | 2.2.1.1445 |
| App Gallery | 3.0.1.7 |
| Tech Docs | 1.0.0 |
| WLAN | WLAN-1240294.1 |
| NFC | NFC_NCIHAL_AR2.4.0_KitKat, FW:122 |
| Sensors (Accel, Gyro, Light, Prox) | 1 |
| Camera | CAM-FRONT-1.0.0 CAM-REAR-1.0.0 |
| MSRN | 0.94 |
| MobiControl | 12.2.0. Build 23469 |

Feature added/supported

- Added support for SE4750CR scanner
- Added support for ak099xx Ecompass sensor

SPR fixes:

- SPR29036 - Resolved an issue wherein Random reboot is being observed during staging process over LAN
- SPR29202 - Resolves the issue in Add support for disabling the quick settings in the Status Bar
- SPR29099 - Resolves the issue of showing incorrect SOC after battery swap
- SPR29009 - Resolved an issue wherein Scanner Exception occurs when switching between SOFT and HARD trigger
- SPR28906 - Resolved an issue wherein Enterprise reset fails during processing XML
- SPR28905 - Resolved an issue wherein AppMgr fails to install/uninstall during redeployment test

- SPR28470 - Resolved an issue wherein When proxy setting is applied, device is not able to access INTRANET site but able to go to INTERNET sites
- SPR28244 - Resolved an issue wherein VPN does not work when "Always-On" option is enabled
- SPR29320 - Resolved an issue wherein Phone dialer crashes when accessing call history menu
- SPR29618 - Resolved an issue wherein TC75-key programmer configs are not consistently functional
- SPR29666 - Resolved an issue wherein Data connection keep bouncing On and Off Using "Any Connect VPN"
- SPR29030 - Resolves the issue of key-config.xml when deploying into device over the air
- SPR29432 - Resolved an issue wherein NFC write command with ISO 15693 card not reliable
- SPR29797 - Resolved an issue of Battery Swap activity is crashing on both activate and deactivate
- SPR30085 - Fixed an issue wherein Settings application becomes enabled after battery swap
- SPR30140 - Fixed an issue wherein the application installation fails due to FAILED_UID_MISMATCH error requiring a data-wipe to overcome this issue
- SPR30183 - Fixed issue for Unable to use Mobile data when VPN Connection is ON
- SPR30129 - Fixed issue wherein Appswitch key remapped border and surroundings of original key functionality takes place
- SPR29355 - Fixed an issue wherein the volume level was not getting updated upon pressing Vol +/- keys with PTT PRO running on the device
- SPR30582 - Fixed an issue wherein random data network connection drop
- SPR30815 - Fixed intermittent error message failed to persist when enrolling TC75
- SPR30656 - Fixed an issue wherein Keypad Wakeup Source Scan Trigger takes long press to reset Sleep Timer TC75/TC70
- SPR30318 - When TC75 14.04 is used with EHS 2.4.4,logging in/out from EHS Admin mode causes reboot of the terminal
- SPR29608 - TC75 AW com.symbol.proxyapi.bridge.AppLockout not working on GMS Builds, works on non-GMS
- SPR29726 - TC75 device shows minor sluggishness when opening apps/navigating after white listing is applied
- SPR29700 - Resolved an issue wherein the DHCP Option 119 is not working. In TC70 and TC75 Integrated
- SPR29818 - Fixed issue wherein Dex accessory does not work after BLE session In TC70
- SPR30591 - Resolved an issue wherein Camera Flash light affected by Sim card - In TC70 and TC75 Integrated
- SPR30925 - Fixed an issue wherein localized strings missing in the device causing APPOPS menu to crash when device is in non english locale
- SPR30069 - Resolved issue wherein the GPS position is not accurate.
- SPR30389 - Resolved an issue wherein Customer complaining intermittent error of failing to persist mprodigy when enrolling TC75 into mprodigy

- SPR29311 - Resolved an issue wherein Profile cannot be applied when it have password with > symbol.
- SPR29035 - Fixed an issue wherein Internal Storage (not SD \card) on Android variants need to be wiped on Repaired Units
- SPR30494 - Fixed an issue wherein TC70 1803 Settings / Security /AppOps will crash when Language is chosen which is not equal to English US or English CAN
- SPR29048/SPR30844 - Fixed an issue NP Object deleted error while using iframes in the html page
- SPR30110 - Resolved an issue wherein APPGALLERY - ERROR received when creating new user from device
- SPR31003 - Resolved an issue wherein The scanner stays on for ~ 2-3 Minutes but flickers / goes dark and then illuminates again noticeably
- SPR28994 - Resolved an issue wherein Enabling the picklist mode in DW Settings doesn't work
- SPR29184 - Resolved an issue wherein customer unable to scan RSS14 barcodes
- SPR29200 - Enabled Bluetooth Wide Band Audio on TC70/75
- SPR30048 - Fixed an issue wherein Crashes in Binder cause system reboot
- SPR30493 - Fixed an issue wherein August 1404 OS build with CFE v02.20 or CFE 00.03 installed Can't Connect to the Camera error done
- SPR30945 - Need to reduce speed at which the WLAN disconnect is reported to the top running Application. In this case Wavelink Velocity
- SPR31376 – Resolved an Issue wherein TC75 1404 october build EMDK SimulscanSample1 will fail after switching internal imager - internal camera works ok on 1404 august build
- SPR29256/SPR29628 - Resolved an Issue wherein Persist Folder Not Accessible After Factory Reset and Mprodigy commissioning process
- SPR29965 - Resolved an Issue wherein TC70(KK; Fusion v1.02.0.0.034) frequently fails WPA-PSK authentication handshake (AP generates reason codes 15, 16) ONLY when roaming from 2.4GHz(working) to 5GHz, or exclusively within 5GHz.

Contents

| File | Description |
|------------------------|--|
| T75N0KEXXPUEF01506.zip | Full Package Update, v15-06 |
| T75N0KEXXRExx01506.zip | Enterprise Reset Package |
| T75N0KFXXRFxx01506.zip | Factory Reset Package |
| T75N0KFXXRFFx01506.zip | Full Factory Reset Package. |
| TC75WLAN_NA01506.zip | ManufPT-WLANId, AND, KK, vNA, RELEASE,SVC |
| TC75WLAN_ROW01506.zip | ManufPT-WLANId, AND, KK, vROW, RELEASE,SVC |
| T75N0KEXXAUEF01506.apf | Airbeam Full Package Update, v15-06 |
| T75N0KEXXAExx01506.apf | Airbeam Enterprise Reset Package |

| | |
|------------------------|-------------------------------------|
| T75N0KFXXAFxx01506.apf | Airbeam Factory Reset Package |
| T75N0KFXXAFFx01506.apf | Airbeam Full Factory Reset Package. |

Device Compatibility

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

| Device | Operating System |
|--------|------------------|
| TC75 | Android 4.4.3 |

Installation Requirements

This Software must be used with compatible devices listed above

Installation Instructions

1. Plug the TC75 to the USB Cable and then the Cable to the PC. If you have a Cradle with USB connectivity, connect it.
2. You will be connected as a media device.
3. Download following packages
 - a. T75N0KEXXPUEF01506.zip (the Full Package Update v15-06),
 - b. T75N0KFXXRFxx01506.zip (Factory Reset Package v15-06),
 - c. T75N0KEXXRExx01506.zip (Enterprise Reset Package v15-06).
 - d. WLAN BIN UPDATE
 1. TC75WLAN_NA01506.zip (if you are in North America or Taiwan)
 2. TC75WLAN_ROW01506.zip (if you are outside of North America... RoW = Rest of World).
4. Now, copy the .zip files (and the **Optional** files too) to your TC75's storage.
5. You will need to put your device into Recovery Mode.
 - a. Hold the "Power Key" until "Reset" option appears and then release
 - b. Tap "Reset" and then immediately hold the "PTT Key" until recovery mode is initiated (Let go after you feel the vibration 😊)

- c. Once on the Recovery Screen, scroll down using “Volume Keys” +/- to the location where you copied the files and press the “PTT Key”
 - d. Scroll down using “Volume Keys” +/- and select the WLAN Bin Update for your part of the World with the “PTT Key”
 - e. Upon completion, you will be back at the Recovery Mode screen.
 - f. Follow same procedure and select the T75N0KEXXPUEF01506.zip (the Full Package Update v1506), with “PTT Key”
 - g. Upon completion, you will be back at the Recovery Mode screen.
 - h. Next step only if you are switching between GMS and NON-GMS software, otherwise this step is not required.
 1. If you are updating device from GMS to NON-GMS or Vice Versa, it is required to either use T75N0KFXXRFxx01506.zip (FactoryReset, this will give complete OOB experience) or at Minimum, please do a T75N0KEXXRExx01506.zip (EnterpriseReset).
 - i. If you are going to install the optional packages (see 3e above), then do so now with the same procedure used above...
 - j. Upon completion of all the updates, you will be back at the Recovery Mode screen. Select, “reboot system now” with the “PTT Key”, you will see it reboot, then you will see “Android is upgrading...” and then you will see the main screen, then...
6. Go to “Settings” and scroll down to “About phone” and look at the “Build number”. It should end with “15-06-00-MV”. Now... you can either start using the TC75 or if you are not going to install a working SIM (or at least not right away), please manually set the date and time. Go to “Settings” and scroll down to “Date & time” and set the correct date and time by unchecking “Automatic date & time” and “Automatic time zone” and then select “Select time zone” and do that. Then, select “Set date” and do that. Finally, select “Set time” and do that. Lastly, put check marks back in “Automatic date & time” and “Automatic time zone”.
7. Now you are all set to use your updated **TC75 WITHOUT GMS**.

Special Note when switching between GMS AND NON-GMS BUILD

- o Follow Instructions to update the Software

- Do Factory (for full experience including Welcome Screen) OR Enterprise Reset.
(without welcome Screen, however saves enterprise persist data)

Part Number and Release Date

T75N0KEXXPUEF01506

T75N0KEXXRExx01506

T75N0KFXXRFxx01506

T75N0KFXXRFFx01506

TC75WLAN_NA01506

TC75WLAN_ROW01506

T75N0KEXXAUEF01506

T75N0KEXXAExx01506

T75N0KFXXAFxx01506

T75N0KFXXAFFx01506

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