
Release Notes WT6000 04-10-03-L-00-MV Android L MR Non-GMS

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Description

This Maintenance Release for the WT6000 Android Lollipop Wearable includes these changes:

- New Diagnostic Tool application
- Support for DS3678 Bluetooth Imager
- App Gallery 3.0
- Bluetooth Tethering
- Support incremental Update of OS images
- Enterprise Keyboard has been removed from the OS image and is available as an external installable.

SPRs Fixed

31669 – Screen recorder clips the recorded output. Now the default screen rotation is used when determining if the display is rotated.

Device Compatibility

This software release has been approved for use with the following SKUs:

Device	Operating System
WT60A0-TS0LEUS WT60A0-TS0LEWR	Android 5.1.1

Installation Requirements

This software can be used with compatible devices listed above.

There are no restrictions upgrading from previous releases.

Component Contents

Component / Description	Version
Product Build Number	04-10-03-L-00-MV-061617
Android Version	5.1.1
Android security patch level	2017-06-01
Linux Kernel	3.14.52
Android SDK Level	22
Platform	Freescale imx6
Bluetooth Stack	Android 5.1.1
Flash Size	4GB
RAM Size	1GB
MSP Agent	7.08.86 (Included for Airwatch support only)
Scanning	18.0.8.0

Datawedge	6.3.41
Mx / OSX	MXMF: 6.3.0.8/ OSX: FSL.51.5.2.10
WiFi	FUSION_BA_1_02.1.0.003_L
PTT Express	3.1.28
EMDK Service	6.4.9.709
RxLogger	4.58.5.0
Touch FW	25
Zebra Volume Control	1.1.24
Audio	1.23.0.0
Battery Manager	1.5.1
Elemez	1.0.0.297
Bluetooth Pairing Utility	3.7
Device Central	1.0.4.3
DataAnalytics	1.0.2.1884
Diagnostic Tool	1.14
File Browser	1.13
Stage Now	2.7.1.1088
App Gallery	3.0.1.7
WLAN FW	7.35.205.8 (r) FWID 01-45b2cefa
NFC	NFC_NCIHAL_AR3.2.0_L, FW:8.1.24
Sensors (Accel, Gyro)	3060105
Sensors (Light)	1
MobiControl Stage	12.2.0. Build 23469
Wavelink Velocity	1.2.101.16301
Printer Setup	1.1.1454
Print Station	1.3

Tap and Pair	2.0
Zebra Utilities (Printer)	2.0.5152

Release Notes for New Components

Diagnostic Tool 1.14 Features

- The Diagnostic Tool application is to be used to provide a real-time device readiness check. The application exercises device subsystems and reports back a pass/fail status for the device. The subsystems that effect the overall health can be configured in settings. The Diagnostic Tool application also includes functionality for a remote launch which will exercise the device and output the test results.

Release Notes for Updated Components

AppGallery 3.0 New Features and Fixed Issues

1. Features Supported are:

- Self Update
- Push Notification
- AppGallery Login
- Marketplace
- App Search
- App Open, Install & Uninstall.
- Categories Page and App search by Category.
- App Details
- Reviews and Ratings for Marketplace Apps
- Logout.

2. AppGallery has been redeveloped in Android to support Zebra Android devices.

3. Push Notification feature works only if the device is connected to an OPEN network (Without Proxy) (Ports used: 1883 & 443)

DataWedge 6.3 New Features and Fixed Issues

New APIs:

- [CLONE_PROFILE](#) - creates a copy of an existing DataWedge Profile with settings.
- [DELETE_PROFILE](#) - deletes Profile(s) from the device.
- [ENABLE_DATAWEDGE](#) - switches DataWedge on or off.
- [GET_ACTIVE_PROFILE](#) - retrieves the name of the Profile currently in use.
- [GET_DATAWEDGE_STATUS](#) - returns the DataWedge state (enabled/disabled).
- [GET_PROFILES_LIST](#) - retrieves a list of DataWedge Profiles on the device.
- [GET_VERSION_INFO](#) - gets version numbers of DataWedge and of scanner and SimulScan frameworks on the device.
- [RESTORE_CONFIG](#) - restores a DataWedge configuration to its default settings.
- [REGISTER_FOR_NOTIFICATION](#) - tells DataWedge to inform specified app or activity of updates to scanner and/or Profile status.
- [RENAME_PROFILE](#) - changes the name of an existing Profile.
- [SET_CONFIG](#) - create new, or overwrite or update an existing Profile
- [UNREGISTER_FOR_NOTIFICATION](#) - cancels request for app notification.

DataWedge 6.3 builds on the new structure for launching Android intents introduced with DataWedge 6.2, and can launch multiple intents as extras in a single intent action. DataWedge continues to support all original commands using their original syntax.

EMDK 6.4 New Features and Fixed Issues

- Added support for Android Studio v2.3.
- Enhanced Barcode Manager API with the following features:
 - Added support for new Bluetooth Scanner DS3678:
 - Added new enum under BarcodeManager.DeviceIdentifier for selecting the DS3678 Bluetooth Scanner.
 - Added support to enable/disable automatic re-connection after DS3678 scanner reboot. Refer to the parameter “ScannerConfig.ReaderParams.ReaderSpecific.ImagerSpecific.pairAfterScannerReboot” for details.
- Enhanced DataCapture feature in the Profile Manager:
 - Added support for new Bluetooth Scanner DS3678:
 - Added support selecting the DS3678 Bluetooth Scanner.
 - Added support to enable/disable automatic re-connection after DS3678 scanner reboot. Refer to the parameter “Keep Pairing Info After Reboot” for details.
- Fixed: NotificationDevice.release() fails after re-connection of RS6000 if BarcodeManager.addconnectionlistener() is called.
- Fixed: The vibrating functionality will continue for the remaining period when the External Vibrator accessory is disconnected and reconnected.

Scanner Framework 18.0.8.0 New Features and Fixed Issues

- Support for the DS3678 Bluetooth imager

StageNow 2.7 New Features and Fixed Issues

- [Threat Manager](#) - Added feature to detect rooted device
- [License Manager](#) - Bug fixes
 - Ability to select custom feature name or standard feature name
- [Personal Dictionary](#) - Adds the ability to bulk-add dictionary words from a file

Known Issues

- Zebra Volume Control is disabled by default. It can be enabled in settings by navigating to Apps->Disabled->ZebraVolumeControl. Press the "Enable" button. It can also be enabled via MX.
- Zebra Utilities requires a menu key. Any of the programmable keys can be configured for this function.

Exclusions

Not Supported

- Simulscan
- USB Mass Storage
- MSP
- Google Multiuser Support

Installation Instructions

1. Download the Full Package Update file (WT6K0L300PUWW41003.zip), Enterprise Reset Package file (WT6K0L3E0REWW41003.zip) and Factory Reset file (WT6K0L3F0RFWW41003.zip) from Zebra Support Site to a host computer.

2. Attach the USB Charge Cable to the WT6000 and to the host computer.

or

Place the WT6000 in a powered cradle. Connect a USB cable from the cradle to the host computer.

3. Copy the zip file from the host computer to the root of WT6000 internal storage.

4. Press and hold the Power key until the menu appears.

5. Select Reboot.

6. Select OK and then immediately press and hold the P1 key until the Recovery Mode screen appears.

7. In the Recovery Mode screen, press P2 key to scroll down to "Apply update from emulated storage."
8. Press P3 key.
9. After installation completes, the Recovery Mode screen appears.
10. If resetting the device to Factory Reset or Enterprise Reset, select the applicable zip file and repeat the step above.
11. Ensure that Reboot system now is selected.
12. Press P3 key to reboot the device. The Zebra Android screen appears and the device vibrates. The WT6000 splash screen then appears with five white dots moving. After a little over 4 minutes the Home Screen appears.

Downloadable Software Included in this Release

Filename	Description
WT6K0L300PUWW41003.zip	Full Package Update File for Android Lollipop. Version 04.10.03.
WT6K0L3E0REWW41003.zip	Enterprise Reset Package
WT6K0L3F0RFFWW41003.zip	Factory Reset Package

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