
Release Notes WT6000 Release 03-07-04-L-00-MV

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Description

Wearable computers give workers the hands-free mobility they need to boost productivity to a new level. But your workers find today’s wearables uncomfortable — until now. Introducing the WT6000, the new Android wearable computer that sets a new standard for enterprise-class wearability. It’s smaller and lighter than other wearables on the market. With the incredible new mounting system, the WT6000 fits comfortably on every worker, on any size arm. The larger touchscreen provides more real estate to display intuitive graphical Android applications. Integrated NFC allows workers to instantly tap-to-pair with Zebra’s Bluetooth ring scanner, Bluetooth headset and Bluetooth printers at the start every shift, making it easy to deploy a

complete hands-free speech-directed solution. And the industrial rugged design delivers maximum uptime in your most demanding environments. The result? Maximum comfort. Maximum durability. Maximum workforce productivity. The WT6000 — putting the wearable in industrial wearable computing.

- Android Lollipop 5.1 operating system with powerful 1.0 GHz quad-core processor, providing more than enough performance for the most advanced supply chain applications.
- Pre-licensed and loaded All-touch Terminal Emulation (TE) and enterprise web browser for real-time, remote connection to business critical supply chain applications
- 3.2 inch capacitive touch screen provides ample room for both your application and intuitive virtual keyboards and enables input even when user is wearing gloves
- Three function buttons beneath the display for navigation in legacy TE apps
- 3350mAh lithium ion PowerPrecision+ battery pack provides full shift life and proactive health statistics
- NFC reader enables seamless tap-to-pair functionality for supported Bluetooth accessories, such as RS6000 Bluetooth ring scanner, HS3100 Bluetooth headset and Bluetooth mobile printers.

Component Contents

Component / Description	Version
Product Build Number	03-07-04-L-00-MV-032017
Android Version	5.1.1
Android security patch level	2017-02-01
Linux Kernel	3.14.52
Android SDK Level	22
Platform	Freescall imx6
Bluetooth Stack	Android 5.1.1
Flash Size	4GB
RAM Size	1GB
MSP Agent	7.08.86 (Included for Airwatch support only)
Scanning	17.0.6.0
Datawedge	6.2.23
Mx / OSX	MXMF: 6.2.1.0 / OSX: FSL.51.5.2.10
WiFi	FUSION_BA_1_02_0.1.004_L
PTT Express	3.1.28
EMDK Service	6.3.23.623
RxLogger	4.58.5.0
Touch FW	25
Zebra Volume Control	1.1.23
Battery Manager	1.5
B2M	1.0.0.297
Bluetooth Pairing Utility	3.7

Device Central	1.0.4.3
DataAnalytics	1.0.2.1884
File Browser	1.13
Stage Now	2.6.1.1045
App Gallery	2.3.8
WLAN FW	7.35.205.8 (r) FWID 01-5837a1dd
NFC	NFC_NCIHAL_AR3.2.0_L
Sensors (Accel, Gyro)	3060105
Sensors (Light)	1
MobiControl	12.2.0. Build 23469
Wavelink Velocity	1.2.101.16301
Print Station	1.3
Tap and Pair	2.0
Zebra Utilities (Printer)	2.0.5152
Enterprise Keyboard	1.3.0.0

Features Added/Supported

- RS5000 Wired Imager Support
- Device Central
- Updated Mobility DNA components (DataWedge, EMDK, Scanning Framework, StageNow, Fusion)
- WaveLink Velocity Update

Release Notes for New Components

Device Central 1.0.4.3 Features

- The Device Central application that displays the connection status and device details of supported peripherals. Currently supports the RS6000, RS5000, and HS3100.

Release Notes for Updated Components

DataWedge 6.2.23 New Features and Fixed Issues

- RS5000 Support

EMDK 6.3.23.623 New Features and Fixed Issues

- Added support for MX v6.2 in Profile Manager:
 - KeyMapping Manager
 - Added key mapping support for Touch NAV_PAD.
 - Touch Manager

- Device Type - Select the Device Type to configure touch sensitivity.
 - Protector - Enable or disable the screen protector on the supported devices.
- Enhanced Barcode Manager APIs with the following features:
 - Added support for new RS5000 wired scanner to be used with WT6000 device. Use "PLUGGABLE_IMAGER_RS5000" under BarcodeManager. DeviceIdentifier for selecting this scanner.
 - Added new reader parameters in each ImagerSpecific, CameraSpecific and LaserSpecific classes under ScannerConfig.ReaderParams.ReaderSpecific:
 - aimTimer - Sets the duration for timed aim types such as timed hold and timed release.
 - sameSymbolTimeout - This setting is used to prevent the scanner driver from decoding the same symbol within this time interval during continuous scan.
 - differentSymbolTimeout - This setting is used to prevent the scanner from decoding another symbol within this time interval during continuous scan.
 - picklistEx - Allows the imager or camera to decode only the barcode that is directly under the cross-hair (+)/ center of the reticle part of the pattern. This replaces the Picklist field under the imager specific class . This feature also allows selecting the hardware or software picklist.
 - aimType - Allows selecting the aim type such as continuous, press & release, timed hold and timed release.
 - The ContinuousRead class which can be used to enable the continuous scanning has been deprecated. It is recommended to use the aimType, sameSymbolTimeout, differentSymbolTimeout of camera, imager and laser specific reader parameters.
- Enhanced Profile Manager for the following features:
 - DataCapture feature:
 - Support for selecting RS5000 as the scanning device.
 - Support for the new "Data Capture Plus (DCP)" feature. This feature Data Capture Plus (formerly known as the "Data Capture Panel") enables areas of the device screen to be designated as scan triggers. By tapping on a designated screen area, DataWedge will respond as it would to a scanner button-press or other hardware trigger.
 - Support for the new "Keep enabled on suspend" feature. Enabling this feature will keep the Bluetooth scanner enabled when the device is in suspend mode. Pressing the Bluetooth scan trigger will wake up the device for scanning.
 - Added new parameter "Receiver foreground flag" in Intent Output for delivering the captured data via Broadcast Intent to broadcast recipient permission to run at the foreground priority with a shorter timeout interval.
- Added the following new parameters in Keystroke Output feature:
 - Multi byte character delay - Sets an inter character delay in milliseconds for multi byte characters. This setting was required to be set in-order to overcome data dispatching errors when dispatching multi byte characters to browser.
 - Key event delay - Sets a delay in milliseconds for dispatching control characters as keystrokes correctly to the foreground application.

FUSION_BA_1_02_0.1.004_L New Features and Fixed Issues

- 802.11K support
- 802.11W support
- Voice Enterprise WFA certified
- Wake on WLAN enabled

Scanner Framework 17.0.6.0 New Features and Fixed Issues

- Support for the RS5000 wired imager
 - Firmware download supported via RSM CSP and Device Central

StageNow 2.6.1.1045 New Features and Fixed Issues

- Improved battery life when leaving Stage Now in the background.

SPRs Fixed

- 30824 – Improved control over WLAN radio roaming between bands
- 31129 – Improved remapping of P1, P2, P3 keys. Sequences such as Control + Enter are now supported.
- 31518 - DhcpOptionMgr support for HostNameState & UserClassState
- 31534 - 'Networkmonitor warning' disable modification

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

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.

Installation Instructions

1. Download the Full Package Update file (WT6K0L300PUWW30704.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
WT6K0L300PUWW30704.zip	Full Package Update File for Android Lollipop. Version 30704.
WT6K0L3E0REWW30704.zip	Enterprise Reset Package
WT6K0L3F0RFFWW30704.zip	Factory Reset Package

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