



The Great Android Migration

10 Reasons U.S. Government Warehouse Leaders
are Choosing Zebra's Android™ Solutions





Modernizing your Warehouse Operations

10 Reasons to Choose Zebra for Android

Android is transforming government warehouse operations, from receiving and shipping and everywhere in between, with new levels of speed, accuracy and efficiency. As the world's most popular operating system, with a global market share of 88%¹, Android is familiar and easy to understand. And, with Zebra Mobility DNA, together with the hardened security provided by our exclusive built-in Mobility Extensions (Mx) and LifeGuard, your Android devices are more secure, versatile and longer lasting.

Zebra has the largest range of enterprise-optimized Android devices available today, purpose built to maximize warehouse agility, mobility and productivity. Our solutions seamlessly connect frontline workers and give you visibility into all your assets, people and processes to ensure you have an integrated, productive and compliant supply chain.

In this guide, we look at the key factors governing your choice of warehouse mobility technology. You'll see how the combination of industrially toughened devices and a secured operating system can provide you with fresh capabilities that are perfectly aligned with your operational needs and strategic goals.

Source:

1. Statista, Sept 2018

1

Application and Environment

Can your device survive the inevitable? In a warehouse environment, you need tools that stand up to drops, spills, extreme temperatures, dust and dirt. Will the device be used by someone wearing gloves, in direct sunlight or encounter harsh chemicals such as disinfectants?

Zebra Android devices' rugged go-anywhere designs are at home indoors and out, in sub-zero cold and blazing-hot temperatures, in forklifts and trucks, and even in bright sunshine. With a broad range of solutions, you can select the solution that best meets your unique needs.



2

Data Capture

Speed and accuracy are the critical factors when scanning. Users may need to scan 1D and 2D barcodes, and the codes may be damaged, or distorted by shrink-wrapping. In locations where items are stored in awkward corners, or on high shelves, devices that can scan over long distances can improve safety and save time.

Zebra Android devices can capture an entire document or multiple barcodes with a single trigger pull and automatically populate data in your management system. With Zebra Swipe Assist, your users can capture barcodes, documents and photos with the touch of a fingertip, instead of using the physical data capture button, maximizing comfort and productivity.

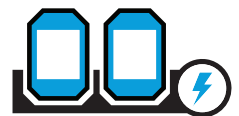


3

Power Needs

Will your device be in continuous use all day or even over several shifts? Are your workers always on the move? Will they be unable to access a charging solution for long periods of time?

Power management goes beyond having a high-capacity battery that can last a single shift, or swapping out a battery in the middle of a shift. The power management capabilities within Android can enable longer battery life and fewer charges. With PowerPrecision+ Batteries, you can identify and remove aging batteries from your battery pool before they impact workforce productivity. And, with Zebra Intelligent Cabinets, you can maximize the long-term performance and lifecycle of each device through effective management, making every device ready for optimum use during every shift without interrupting operations.



4

Training and Ease of Use

Android is familiar to billions of people across the globe and is found on every four in five consumer handhelds. As such, onboarding new users takes less training time and requires fewer resources. Frontline workers come up to speed faster and quickly achieve peak productivity levels.



5

Security and Lifecycle Management

What are the risks and implications of a potential security breach stemming from your mobility deployment? Securing your mobile devices is a multi-faceted effort: from MDM selection and configuration; to policy definition, enforcement and training; and ultimately, to the capabilities of the devices you select.

Mobility Extensions (Mx) from Zebra transforms Android from a consumer operating system (OS) to a true enterprise-class OS with features and options that improve security and device management. Mx fortifies Android with AES encryption, application whitelisting, multi-user login, remote staging, updating, troubleshooting, lock, wipe and device monitoring. Zebra also offers devices that comply with FIPS 140-2, TAA and Common Criteria. And, by adding Zebra's LifeGuard for Android, you can extend the lifecycle of your enterprise mobile computers up to seven years, significantly lowering your total cost of ownership.

Zebra has the broadest portfolio of Security Technical Implementation Guide (STIG) validated rugged devices with more than 25 Android 10 devices listed on the Department of Defense (DoD) Information Network's approved product list.



6

Connectivity and Quality

Does your device have the power and features required to maintain connectivity and high-quality application performance? When workers need to access job-related data or back-end systems on the move, robust WWAN/WLAN connections and seamless roaming can make all the difference. Consider whether your workers will require only voice, only data or a combination of both. Then determine how the scale of the deployment might impact the range required for each. Will your system need to span one building, several buildings, a large industrial space or support workers in the field?

With Zebra's WorryFree Wi-Fi, you get unsurpassed 'won't drop' wired style Wi-Fi connections every minute of every shift. Proprietary features enable unsurpassed management of the Wi-Fi connections at the device and network levels, providing an exceptional Wi-Fi data and voice experience that takes productivity and collaboration to new levels.



7

Manageability, Control and Support

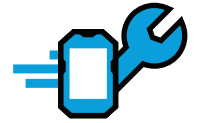
Will your device lighten the load on IT or add to it? Our Mobility DNA management tools make it simple to implement maximum control and security, along with toolkits to make integrating apps and mobile devices fast, easy and problem-free. The ability to centrally and remotely manage your devices simplifies upgrades and troubleshooting, easing the burden on your IT teams. Also, because Android is a widely used interface, it's readily compatible with mobility management policies, and its familiarity helps to reduce routine helpdesk calls.



8

Support and Repair

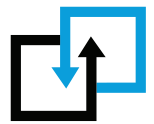
Is a support plan available for your devices? Is it cost effective? Is it all encompassing? Keeping your device fleet up and running requires a fast turnaround on repairs, replacement options with pre-existing software and setting provisions, and exhaustive, no-questions-asked coverage. Our fast, expert device and infrastructure repair service applies this enterprise level of continuity to the Android platform.



9

Lifecycle Management

How will the rate of device churn impact your deployment? Constantly replacing devices that have failed and/or upgrading too frequently can result in a fleet of mixed-generation devices with significant support complexities and capital outlays. The accessories and chargers for newer device models may not be backwards compatible, requiring additional purchases and a loss of equity in prior investments. With Zebra's Android devices, the roadmap is clear, future-proofing your mobility strategy.



10

Total Cost of Ownership

How much will your mobile device really cost? When you factor in the potential costs of worker downtime, accelerated replacement cycles, additional accessories and the support needed for a successful implementation, the true costs of mobility go far beyond just the device's initial purchase price. Standardizing on Zebra's Android devices eliminates much of the complexity of running a fleet of mobile devices, and further reduces your overall Total Cost of Ownership (TCO).



Let's Talk

Every mobile deployment is unique, and yet,
whether you need five devices or five thousand,
one thing never changes – you want
your investment to be a success.

With more than 50 years of cross-vertical expertise, Zebra Technologies has the information and tools to guide you towards the solution that's right for you. Our end-to-end approach begins by helping you overcome the complexity of mobility to understand your options. Our broad portfolio of purpose-built devices, including the largest range of enterprise-optimized Android devices available today, offers numerous options to fit the specific needs of your workforce. And our lifecycle management solutions ensure your entire device deployment delivers the functionality warehouse environments demand.



To learn more about how Zebra's Android solutions can help you optimize productivity and deliver real-time results, visit zebra.com/android-in-the-warehouse



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