

TRANSPORTATION + LOGISTICS



GETAC SOLUTIONS DRIVE IMPROVED EFFICIENCIES & ROI FOR MAJOR TRANSPORTATION + LOGISTICS CARRIER

/ Overview /

Before implementing Getac Solutions, a major transportation and logistics carrier with over 400 warehouses nationwide, faced several operational challenges, which included improving worker productivity, warehouse efficiency, cellular connectivity, decreased security vulnerabilities, and labor and fuel costs.

To address these issues, this organization decided to outfit its entire fleet of over 10,000 forklifts with Getac ZX10 fully rugged Android tablets, along with a docking station and a customized mounting solution to improve connectivity, efficiency, and output.

/ Challenges /

Before deploying Getac's rugged solutions, the organization utilized a competitive rugged tablet mounted on each forklift. This solution was highly cumbersome, weighing 6.65 pounds, and required numerous security updates and other software installations, slowing down the system and making it difficult for forklift operators.

These challenges led to a less efficient workforce, increased fuel, cost overruns, extended boot-up times (up to 15 minutes or more), unplanned downtime, and lost productivity.



Getac ZX10 Fully-Rugged Android Tablet

/ Challenges /

Other notable operational challenges included high costs associated with licensing the operating system on each tablet, managing updates, and ensuring proper functionality.

Harsh weather can affect cellular connectivity in some warehouse environments resulting in the tablets going offline and not working.

It is important to note that the operating system was difficult to secure, resulting in numerous security vulnerabilities. And if a device attached to a forklift became inoperable, the tablet needed to be replaced and lift scales recalibrated, resulting in additional downtime and extra calibration fees. The organization needed a reliable solution to reduce fuel and labor costs.

/ Solution /

Getac was chosen as the solution provider for a Proof of Concept (POC) and deployment project based on its exceptional responsiveness, problem-solving abilities, and dedication to customer service. The Request for Proposal (RFP) evaluated Getac's offering based on price, device performance, technical support, long-term benefits, and overall solution for the project.

Given Getac's years of deploying rugged solutions to enterprise customers, we will be able to deploy over 10,000 ZX10 tablets with the Android operating system across 400 locations in the United States by Q3 2023.

The deployment process involved installing a docking station with a custom mounting solution and hub to eliminate device replacement and calibration costs associated with recalibrating the scale mounted to each forklift along with Getac's deployXpress® for device configuration and management.

This project also utilized Getac's Android migration support, MDM engineering customization, and promotion as an Android Enterprise Recommended provider.

Getac's deployment services team oversaw the installation process on various brands of forklifts, and the projected ROI is expected to be less than one year, thanks in part to the reduced boot-up time from 15 minutes to less than one minute, as well as the B2B warranty.

The ZX10's easy-to-use interface allows workers to adjust between touch, glove, or stylus for operational readiness, minimizing downtime and maximizing efficiency.

The deployment offered strategic redundancy in connectivity, including a 7511 modem, wireless capability, and dual SIM, ensuring operational efficiency. The project's success earned Getac a seat on the company's technology council and opportunities for future collaboration.

/ Results /

Getac's solution offered strategic redundancy regarding connectivity, including an embedded wireless modem designed to provide unprecedented LTE speeds, bandwidth, and network performance.

A dual sim ensured each tablet never lost connectivity. And with significant temperature changes possible, the ZX10's easy-to-use interface allows workers to operate between touch, glove, or stylus.

Because the ZX10 boots in less than a minute, the improved efficiency and productivity would ultimately improve revenue. It was estimated that the reduction in lost man-hours would cover the entire cost of the deployment within the first year.

/ GETAC ZX10 /

The ZX10 is powered by the Android™ 11 operating system and is verified by Google™ as an Android Enterprise Recommended Rugged Device. Getac's sophisticated technology and rugged devices – combined with the Android Enterprise Recommended verification – makes it even easier to scale and support your mobile fleet. Standardized features let you manage devices seamlessly and consistently every time.

The ZX10 10" fully-rugged Android tablet offers an exceptional workday solution that combines intuitive operation and power efficiency with a slim, versatile profile.



To Learn More About The Getac Fully-Rugged ZX10, Please Scan The QR Code.

