

Zebra Technologies' New Mobile Computer Helps Toll Global Logistics Increase Warehouse Productivity

Enterprise-class TC8000 shown to boost efficiency at Toll's Altona distribution centre

Singapore – February 24, 2016 — Toll Global Logistics, a leading provider and innovator of logistics services in Asia Pacific, has experienced significant productivity gains through the implementation of the [TC8000](#) — the latest enterprise mobile computer from [Zebra Technologies Corporation](#) (NASDAQ: ZBRA). The enterprise-class mobile computer is a landmark innovation in warehousing technology that will drive significant gains in productivity and decrease worker fatigue. Zebra worked with users around the globe to completely re-think, re-design and re-engineer industrial mobile computers based on deep research and human factors analysis.

Now available in Singapore, the ergonomic and lightweight TC8000 mobile computer offers an innovative design that reduces muscle effort by eliminating the need for “tilt and verify” motions that warehouse workers repeatedly conduct with traditional devices. Shaving seconds off each repetitive motion can save up to one hour per worker per shift – increasing productivity by an average of 14 percent based on workflow.

Customised Solutions, a service offering of the Toll Global Logistics division that specialises in purpose-built and multi-user warehousing facilities, partnered with Zebra to pilot the new rugged TC8000 mobile computer. The results were proven in the demanding environment of one of Customised Solutions' Altona distribution centres, where the site has seen a rapid improvement in scanning speed and elevated workforce user experience through the pilot.

Toll's partnership with Zebra in the TC8000 trial demonstrates the company's clear intent to propel the logistics industry, with high productivity and leading-edge technology that address sophisticated business needs. Innovation is a critical part of Toll's global value propositions and within Toll City - a future ready regional distribution centre in Singapore and a connecting point in a region that is set to become one of the largest economic blocs in the world.

KEY TC8000 PRODUCT FACTS:

- The TC8000's re-engineered form eliminates the need for “tilt-and-verify” motions — usually needed with gun- style scanners — for faster and more productive scanning.
- The ergonomic design provides a better center of gravity and is 33 percent lighter than traditional mobile computers, reducing worker fatigue.
- The rugged Android™- based TC8000 is compatible with existing business solutions such as Terminal Emulation (TE), voice-directed picking (VDP), warehouse management, price audits and store receiving.
- Zebra's All-touch Terminal Emulation automatically updates legacy “green screen” interfaces with modern, graphics-based touch screens providing greater usability, increased accuracy and reduced training time.
- The TC8000 is the logistics sector's first hands-free proximity scanner, users can wear the device in a hip holster, shoulder strap, cart or desktop mount and simply pass items in front to scan.

SUPPORTING QUOTES

Gavin Norman, head of business services, Toll Customised Solutions

“As innovation is a critical part of our culture and customer value proposition, Zebra and its journey in developing the TC8000 are a great fit for us. What we really wanted to achieve was a streamlined operation for our business as well as greater worker experience and productivity across our warehouses. The results we’ve seen to-date are very exciting, and we remain passionate about our work with Zebra and our opportunity to innovate further.”

Wayne Harper, senior technical director, Zebra Technologies Asia Pacific

“We’re thrilled that Toll saw such strong results during the trial of the TC8000 in its facility. With its revolutionary design, the TC8000 mobile computer is the greatest advancement in warehousing technology in more than two decades. Companies can expect to boost productivity by 14 percent as the TC8000 will enable workers to be more efficient and deliver more accurate information. Ultimately, this will help businesses operate more profitably.”

SUPPORTING RESOURCES

Website: [Zebra TC8000 Mobile Computer](#)

Website: [Toll Customised Solutions](#)

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About Zebra Technologies

Zebra (NASDAQ: ZBRA) makes businesses as smart and connected as the world we live in. Zebra tracking and visibility solutions transform the physical to digital, creating the data streams enterprises need to simplify operations, know more about their businesses, and empower their mobile workforces. For more information, visit zebra.com.

About Toll Group

Toll Group is the Asia Pacific region’s leading provider of logistics services, employing approximately 40,000 people across some 1,200 locations in more than 50 countries. In 2016 Toll’s vision is to provide an unrivalled set of global supply chain capabilities to our customers, building on 128 years of connecting people to products.

www.tollgroup.com/customisedsolutions

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