




CIPHER LAB
Smarter

A grayscale photograph of a warehouse environment. In the foreground, a hand holds a handheld mobile device (a rugged PDA or scanner) horizontally. To the left, a vehicle-mounted computer screen is visible, displaying a software interface with various data fields and buttons. The background is slightly blurred, showing industrial shelving and equipment.

Optimize picking, put-away, and inventory management with rugged VMTs and wearable technology.

Empower your warehouse and distribution teams with robust, integrated technology. By combining **vehicle-mounted computers**, **handheld mobile devices**, and **wearable ring scanners**, operations teams gain a unified solution for real-time visibility, task accuracy, and streamlined workflows.

The JLT Rugged **Vehicle-Mounted Terminals (VMTs)**, **CipherLab's RK96 handheld**, and **ring scanners** work seamlessly together to optimize every stage of warehouse operations—from receiving and put-away to picking and shipping.



Integrated workflow for maximum productivity



The JLT VMT provides real-time task guidance, helping forklift operators navigate safely and efficiently.

Upon reaching the assigned location, operators can use either the CipherLab RK96 handheld or a CipherLab ring scanner—paired via Bluetooth—for rapid, close-range barcode capture on bins, items, or pallets.

All scans automatically sync with the Warehouse Management System (WMS) through the VMT, instantly updating inventory records and prompting the next instruction.

This combination ensures accurate data capture, reduces manual entry, and maintains a seamless, uninterrupted workflow from vehicle to handheld to wearable scanner.



KEY BENEFITS



Flexible integration – compatible with leading WMS and ERP platforms for smooth deployment and data flow.



Real-Time connectivity – continuous communication between the VMT, RK96, and ring scanners keeps operations synchronized.



Rugged reliability – each device is built to withstand vibration, temperature extremes, and dust, ensuring uptime in demanding warehouse



Safety & ergonomics – hands-free operation using ring scanners and mounted terminals minimizes distraction and enhances operator comfort.



Operational accuracy – reduces scanning errors and rework, ensuring precise inventory management across every task.

Unified management



Simplified IT integration and centralized device management enable smooth rollout and support.



A consistent Android platform across CipherLab RK96 and ring scanners simplifies training, software updates, and security.



Users can move seamlessly between the JLT VMT, RK96 handheld, and ring scanners without losing session data or interrupting WMS workflows.



One connected warehouse. One integrated workflow.

JLT Rugged VMTs along with CipherLab's wearables, deliver unmatched visibility, speed, and reliability—transforming warehouse operations with a unified, efficient workflow from the floor to the forklift.

Use cases

1

Picking & put-away – receive instructions on the VMT, navigate safely, and scan items hands-free with a ring scanner or RK96.

2

Inventory management & replenishment – real-time stock verification and movement updates via handheld or wearable devices.

3

Receiving & shipping – accelerate dock operations with fast, accurate barcode capture and WMS synchronization.



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