



Automation Wedge

Accelerate warehouse workflows with hands-free scanning

Modern warehouses and distribution centers are under constant pressure to operate more quickly and efficiently. As order volumes climb, timetables shrink, and labor becomes difficult to find, train, and retain, today's warehouse and logistics operators look for ways to automate or streamline manual tasks.

Zebra's Automation Wedge machine vision solution helps streamline labor-intensive shipping and receiving operations. By connecting Zebra mobile computers and fixed industrial scanners using software already preinstalled, you can create an easy, hands-free scanning solution that saves valuable seconds on every manual task.

Installed on pack benches, on conveyor lines, on forklifts, and at dock doors, Automation Wedge transforms manual chokepoints into hands-free stations. By eliminating the wasted motion of picking up and putting down handhelds, it boosts hourly throughput and ensures accurate order-tracking.

Leveraging existing Zebra mobile devices, Automation Wedge is fast and easy to deploy, with minimal IT involvement and no custom coding required.

Key benefits



Easy hands-free scanning



Improved quality control



Fast, simple deployment



Increased throughput and productivity

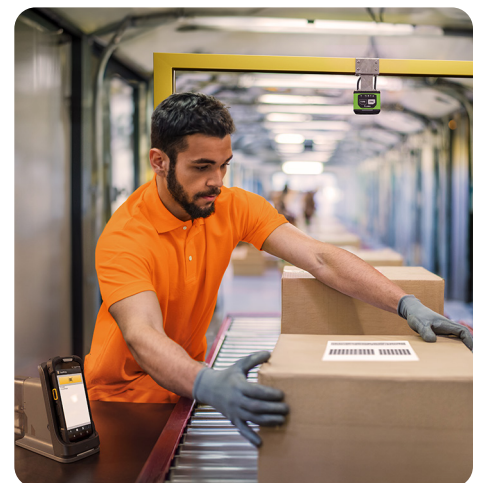


Automated track-and-trace



Compatible with current devices

Save up
to 30 hours
of labor
per day*



* Assumes two seconds per scan, 3,000 scans per shift, and two shifts per day across ten pack benches.

Applications

Automation Wedge uses DataWedge software preinstalled on Zebra mobile computers to integrate fixed industrial scanners into existing manual workflows, enabling hands-free scanning to improve productivity and efficiency in warehouse and logistics applications.



At the **pack bench**, hands-free fixed scanners and linerless label printers accelerate packing and shipping, taking valuable seconds off every task.

On conveyor lines, fixed scanners mounted on **scan tunnels** capture and verify data from multiple angles without slowing down your process.

At **dock doors**, hands-free scanners read labels for goods as they arrive and provide final verification when they depart, ensuring all inbound and outbound items are accounted for and routed correctly.

Installed directly on the equipment, **forklift scanners** allow users to verify pallets and products without slowing or stopping for manual scans.

Mobile computers

Most enterprise-tier Zebra mobile computers that can be upgraded to (or shipped with) Android 11 or higher are compatible with **Automation Wedge**, including the following devices.



TC2 Series

Next-generation handheld computing with powerful enterprise features.

zebra.com/tc2x



TC7 Series

Ultra-rugged handheld computers engineered for demanding environments.

zebra.com/tc7x



TC5 Series

A perfect combination of rugged design, performance, productivity, and ease of use.

zebra.com/tc5x



ET4 Tablets

Rugged, full-featured enterprise tablets ready to use right out of the box.

zebra.com/et4



Zebra FS10 Fixed Industrial Scanner

A compact, easy-to-deploy, plug-and-play scanner for basic track-and-trace applications.

zebra.com/fs10



Zebra FS42 Fixed Industrial Scanner

Optimized for high-volume, high-speed scanning and AI-powered OCR with an embedded neural processing unit and onboard memory.

zebra.com/fs42

System requirements

There are three strict requirements for connecting a Zebra mobile computer to a fixed industrial scanner via Automation Wedge: (1) The operating system must be Android 11 or higher. (2) It must explicitly support the Zebra USB scanner framework within the preinstalled "DataWedge Demo" application. (3) It must be docked in a Workstation Connect cradle with an available USB-A port.

→ For more information, talk to your Zebra representative or visit zebra.com/automation-wedge

