Walk-In Walk-Out by UST

Powering fully autonomous stores with real-time intelligence



Overview

As consumers increasingly expect speed, autonomy, and zero friction, retailers are rethinking the very concept of checkout. In high-frequency environments where time is the most valuable currency, traditional points of sale introduce unnecessary delay, labor cost, and operational complexity.

UST Walk-In Walk-Out (WIWO) is a fully autonomous retail solution that enables shoppers to enter a store, select items, and leave - without scanning, queues, or checkout stops. Powered by computer vision, sensor fusion, edge computing, and real-time data processing, WIWO accurately tracks every item picked up or returned and automatically bills shoppers after exit.

Shoppers simply tap a payment card or scan a QR code to enter. Receipts are generated automatically and delivered digitally within minutes - no apps, no pre-registration, and no friction.

Designed for transit hubs, airports, hospitals, campuses, corporate offices, and convenience retail, WIWO has delivered:

Zero billing errors since initial launch in 2019	**Support for 50 concurrent shoppers in 1,000 sq. ft. stores**	**Rapid deployment in 8–10 weeks, scalable up to 5,000 sq. ft.**	**Reliable, low-bandwidth operation across ambient and chilled SKUs**

This is autonomous retail - accurate, effortless, and ready for enterprise scale.

UST Walk-In Walk-Out features

Flexible autonomous checkout models

Supports walk-in walk-out, scan-and-go, or pay-at-terminal configurations - allowing retailers to tailor autonomy to store format and shopper behavior.

Computer vision and sensor fusion

Cameras and shelf-level IoT sensors work together to monitor product interactions with SKU-level precision, tracking every pick-up and put-back in real time.

API-first enterprise integration

Integrates seamlessly with ERP, CRM, PIM, inventory systems, and payment gateways through secure APIs, ensuring alignment with existing retail ecosystems.

Edge-enabled with cloud-native control

All decisioning and billing logic run locally on edge infrastructure for ultra-low latency, while data syncs to the cloud for analytics, reporting, and centralized management.

AI-powered age verification

Facial recognition and optional document scanning enable automated age validation for restricted items, supporting regulatory compliance without manual intervention.

Cash-inclusive and digitally flexible

For cash-preferred markets, the solution supports secure in-store cash boxes alongside digital payments, ensuring broad accessibility.

Seamless, app-free store entry

Shoppers tap a credit or debit card or scan a QR code to enter the store. No mobile apps, accounts, or pre-registration are required, ensuring fast adoption and universal access.

True walk-out checkout

Customers exit freely without scanning or stopping. Purchases are automatically calculated and charged to the shopper's preferred payment method after exit.



Retailer benefits

Eliminate queues and maximize throughput

Remove checkout bottlenecks entirely, enabling fast, high-volume shopping during peak hours with no added friction.

Accelerate deployment across formats

From micro-markets and express stores to campuses and hospitals, WIWO is modular, scalable, and production-ready within weeks.

Reduce operating costs while maintaining control

Minimize staffing requirements without sacrificing visibility into inventory, transactions, or shopper behavior.

Ensure accuracy, compliance, and trust

AI-driven billing and automated age verification deliver consistent, error-free transactions while meeting regulatory standards.

Elevate brand perception and loyalty

Deliver a modern, premium retail experience aligned with digitally native expectations, driving repeat visits and long-term loyalty.

Ready to rethink retail access and automation?

Let's bring secure, checkout-free shopping to your stores - at scale.

Visit
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