

AI SELF-CHECKOUT PLATFORM

BARCODE-FREE CHECKOUT, BUILT FOR SPEED.

SLATEaiPOS™ is an AI-powered self-checkout solution designed to help customers select items, complete payment, and continue on their way without the need for traditional barcode scanning, cashier lines, or cashier-assisted checkout.

Powered by proprietary computer vision, AI, machine learning, IoT, and edge computing technologies, SLATEaiPOS™ identifies multiple items within seconds and helps create a faster, more convenient checkout experience for customers while supporting more efficient store operations.



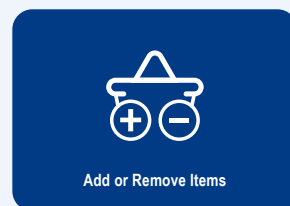
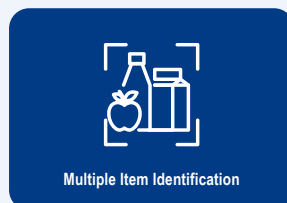
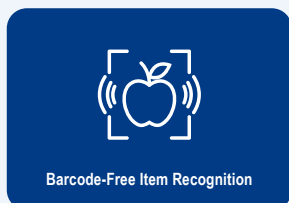
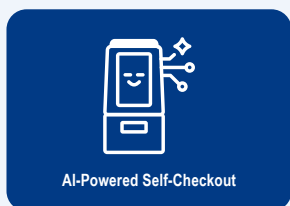
BARCODE-FREE SELF-CHECKOUT

SCAN LESS. MOVE FASTER.

SLATEaiPOS™ allows customers to place selected items on the countertop plate, where the system uses AI-powered computer vision to recognize products without requiring traditional barcode scanning.

Customers can add or remove items during the checkout process, and the virtual cart updates in real time as products are placed on or removed from the SLATEaiPOS™ plate.

CHECKOUT CAPABILITIES



Create a faster checkout experience with AI-powered item recognition that helps customers scan less, pay quickly, and continue on their way.

AI COMPUTER VISION TECHNOLOGY

IDENTIFY MULTIPLE ITEMS WITHIN SECONDS

SLATEaiPOS™ uses proprietary AI-based computer vision technology to rapidly identify multiple items in seconds. Its AI Matrix is powered by computer vision, machine learning, AI, IoT, and edge computing technologies.

The system is designed to identify a wide range of products, including groceries, fresh vegetables, fruits, packaged foods, and more. SLATEaiPOS™ can also identify objects from different angles and distinguish between product sizes, brands, and contents without requiring a scale or barcode.

AI TECHNOLOGY FEATURES



Proprietary Computer Vision



AI & Machine Learning



IoT Technology



Edge Computing



Multi-Angle Product Recognition



Grocery, Fresh & Packaged Item Support

Use AI-powered computer vision to recognize items quickly, reduce manual scanning steps, and support a more seamless checkout experience.

FRICTIONLESS CUSTOMER EXPERIENCE

NO LINES. NO CASHIERS NEEDED.

SLATEaiPOS™ helps customers scan, pay, and continue on their way quickly. The platform is designed to reduce long waiting lines, simplify the checkout process, and improve the overall shopping experience.

SLATEaiPOS™ enables customers to complete their purchase in as little as 10 seconds, delivering a checkout experience that can be up to 6× faster than traditional self-checkout machines.

CUSTOMER EXPERIENCE FEATURES



Faster Customer Checkout



Reduced Waiting Lines



Scan, Pay & Go Experience



Receipt Selection



Customer Support Hotline Access

Improve the customer experience with a faster self-checkout process designed for convenience, speed, and reduced checkout friction.

STORE OPERATIONS & INVENTORY SUPPORT

SUPPORT EFFICIENT, ALWAYS-ON RETAIL

SLATEaiPOS™ helps operators streamline checkout, support current staff, address labor shortages, and improve store operations. By increasing hourly transaction flow, SLATEaiPOS™ can help support revenue growth and operational efficiency.

SLATEaiPOS™ also uses real-time inventory tracking to help maintain precise product availability data. When a purchase is made, the system updates inventory information promptly.

OPERATIONAL CAPABILITIES



Real-Time Inventory Tracking



Product Availability Updates



Checkout Process Optimization



Labor Efficiency Support



Higher Transaction Flow



Staff Training Support

Support efficient retail operations with AI self-checkout tools designed to reduce checkout friction, improve transaction flow, and maintain product availability visibility.

SECURITY, PAYMENT & SUPPORT

BUILT FOR SAFE, SUPPORTED TRANSACTIONS

SLATEaiPOS™ supports secure payment processing and customer data protection. Customer data is securely stored in encrypted form and protected by robust security measures to help safeguard sensitive information.

SLATEaiPOS™ integrates with the NownPOS Campus App to support Stripe credit card processing, meal plan integration, and secure payment processing. It also integrates with payment providers and video analytics cameras to enable real-time monitoring, theft deterrence, and suspicious activity detection.

SECURITY & PAYMENT FEATURES



Nown Campus App



Credit & Debit Card Payments



Encrypted Customer Data



Payment Provider Support



Video Analytics Camera Integration



Real-Time Security Monitoring

Support safer checkout operations with secure payment handling, encrypted customer data, staff support, and optional video analytics camera integration.

KEY ADVANTAGES



Barcode-Free Self-Checkout



AI-Powered Item Recognition



Multiple Item Identification



Faster Checkout Experience



Reduced Waiting Lines



Real-Time Virtual Cart Updates



Real-Time Inventory Tracking



Labor Efficiency Support



Secure Customer Data Handling



Video Analytics Camera Integration

IDEAL APPLICATIONS



CONVENIENCE STORES



RETAIL STORES



GROCERY STORES



CAFETERIAS



AIRPORT FACILITIES



EVENT VENUES



SPORTS ARENAS



HOTELS



MICRO MARKETS

SLATE^{ai}POS™ is designed for high-traffic retail, grocery, hospitality, cafeteria, airport, event venue, & micro market environments where faster self-checkout can improve customer flow and operational efficiency.

TECHNOLOGY OVERVIEW

SPECIFICATION	DETAILS
Platform	AI-Powered Self-Checkout Solution
Core Technology	Proprietary Computer Vision, AI, Machine Learning, IoT & Edge Computing
Checkout Method	Barcode-Free Item Recognition
Customer Flow	Select Items, Place on Countertop Plate, Review Cart, Pay
Cart Updates	Real-Time Virtual Cart Updates
Product Handling	Add or Remove Items During Checkout
Item Support	Groceries, Fresh Vegetables, Fruits, Packaged Foods & More
Unknown Products	Barcode Fallback Mechanism
Payment	NownPOS Campus App with Stripe Credit Card Processing and Meal Plan Integration
Inventory	Real-Time Inventory Tracking & Product Availability Updates
Security	Encrypted Customer Data & Security Measures
Video Support	Video Analytics Camera Integration
Staff Support	Store Staff Training & Associate Assistance
Deployment	Retail, Grocery, Convenience Stores, Cafeterias, Airports, Event Venues, Hotels, Manufacturing & Micro Markets
Brand Connection	Powered by Digit7

WHY CHOOSE SLATEaiPOS™

Traditional checkout can create long lines, staffing pressure, and unnecessary friction for customers. SLATEaiPOS™ helps simplify the checkout process by using proprietary AI-powered computer vision to identify multiple items quickly without traditional barcode scanning.

By combining barcode-free recognition, fast self-checkout, real-time cart updates, inventory tracking, secure payment support, and operational efficiency, SLATEaiPOS™ helps businesses improve checkout speed, support staff, reduce waiting lines, and create a more convenient customer experience.

