

Navigating the Future of Retail: An Overview of the Shopper's Journey in an Autonomous Store

Today's consumers demand more convenient shopping experiences. According to PwC, **approximately 80% of consumers rate speed and convenience as the top two most vital elements of a positive customer experience**. Because of this, many physical retailers are looking to incorporate digital technology, such as artificial intelligence (AI) to augment the in-store shopping experience.



(Source: PwC's February 2023 Global Consumer Insights Pulse Survey)

Enter the frictionless checkout experience in autonomous stores.

Convenient, accessible, and personalized, camera-only frictionless checkout experiences (like AiFi) allow shoppers to purchase items in-store without having to wait in line or stop to scan and pay.









Shoppers can enter the store quickly with a credit card or app.

Easy Entry

Seamless Shopping

Al-powered computer vision begins shopper tracking and recognizes products taken. Shoppers can head home completely checkout-free with receipts sent to them within minutes.

Frictionless Checkout

Streamlining the shopper's journey in an autonomous store.



Easy Entry

Consumers can easily walk into the store and begin shopping.

AiFi's autonomous stores accommodate many different points of entry including: gates, doors, turnstiles, and app or credit card.

Hardware Flexibility

- Turnstiles for gated entry
- Freestanding kiosks for open or hybrid entry

Entry Customization

- Branded or white labeled app
- Credit card
- Combination of an app and a card

Seamless Shopping

AiFi's camera-only AI platform begins tracking shoppers as they enter the store using keypoint tracking technology that creates a unique, anonymous* individual.

Our approach combines computer vision and machine learning to infer over 8 joints (or keypoints) on a body, making our solution suited



for anonymous** and accurate tracking within stores.

Flexible & Affordable

- No weight sensors allow for greater flexibility and lower overhead costs
- Scalable from 200 sq. ft. up to 7,000 sq. ft.
- Enables higher tracking flexibility across multiple product categories (produce, bakery, prepared foods, etc.)

* GDPR and CCPA compliant.

** AiFi's platform is open and we can work with partners to help customers integrate biometrics when desired.



Frictionless Checkout

Product and shopper tracking cameras identify items customers interact with and ensure all shoppers are charged accurately for their items.

Customers can simply walk out of the store with a detailed receipt of their purchase sent via email or SMS.

Payment Systems Include:

- An existing retailer app
- Payment terminals
- A credit card-based entry/checkout system

The future of retail is autonomous.



Shoppers report they would spend more if their purchasing experience was more convenient.



Shoppers prefer selfcheckout systems over traditional cashierassisted checkout.

The number of autonomous stores worldwide is expected to grow to 12,000 by 2027.

Retailer Benefits

Enable easy, more convenient, and seamless shopping experiences for your customers by leveraging autonomous AI technology and you'll gain:











Increased customer throughput



Reduced transaction

wait time



Increased frequency

of shopping visits

Increased basket size and order value



Retail space optimization



A 60-70% reduction (on average) in labor costs

Higher sales per labor hour

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Better CSAT and NPS

Request a demo

About AiFi

AiFi, a globally leading AI provider, empowers retailers worldwide to scale autonomous shopping solutions with 100% computer vision. Powered by the most cost-effective and flexible method of deploying cashier-less technology solutions, AiFi's camera-only platform enables businesses to provide a frictionless checkout experience to their customers. AiFi's technology works through cameras and computer vision to allow quick and efficient shopping for various store formats across multiple global retail segments.

AiFi's solutions adapt to numerous verticals, including convenience stores, sports and entertainment venues, universities, workplaces, and travel retail. AiFi customers include: LA Clippers, Golden State Warriors, NASCAR, Florida Panthers, Aldi, Carrefour, Compass Group, Zabka, and many more. AiFi now has the highest number of store deployments globally, with over 100 active stores. The company has raised a total of \$80 million from investors, including Qualcomm Ventures, Verizon, HP, Mithril, Duke Angel Network, Cervin Ventures, TransLink Capital, and Plum Alley.

To learn more about AiFi, please visit aifi.com.