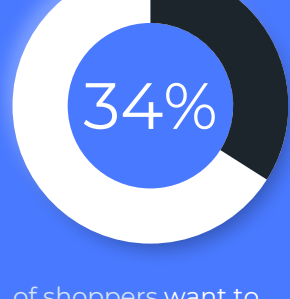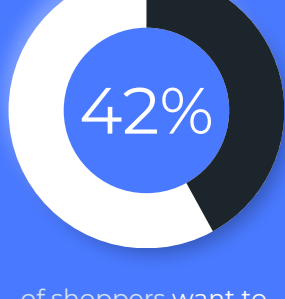# AiFi

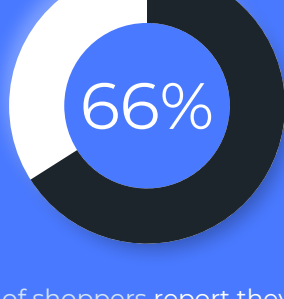# An Insider's Look at an AiFi Autonomous Store vs. Others

As technology has advanced with the rise and ease of e-commerce, consumers have come to expect instant gratification and now demand seamless and quick shopping experiences in-store:

34%
of shoppers want to leverage "scan & go" devices and apps to bypass long checkout lines.

42%
of shoppers want to and/or prefer to use self-checkout kiosks.

66%
of shoppers report they would spend more if their purchasing experience was more convenient.

Autonomous stores, powered by AI technology, provide shoppers with a hassle-free, convenient, and cashierless shopping experience that's available 24/7. But not all autonomous stores are created equal.

AiFi brings the ease of e-commerce shopping to brick-and-mortar c-stores.

Autonomous Retail:
3 Value Drivers for Store Performance

Due to long lines, 86% of U.S. consumers have left a store, leading to over $38 Billion lost in annual revenue.

2X Meanwhile, autonomous stores have the **potential to nearly double** profit margins compared to traditional retail stores.

AiFi enables retailers to achieve business goals efficiently by automating resource-intensive tasks and optimizing operational processes like inventory and planogram management, even with limited resources.
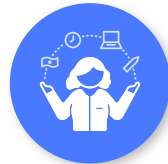
Enhanced Customer Experience
Customers enjoy a hassle-free, convenient, and cashierless shopping experience that's available 24/7.

Operational Efficiency
AI solutions enable automated inventory management, streamlined planograms, and fast transaction processing.

Labor Optimization
Retailers reduce the need for excess staff, eliminating high labor costs and optimizing staffing resources.

How Does AiFi's Autonomous Store Solutions Stack Up to Competitors?

AiFi	Capabilities	Others
AiFi's autonomous stores can accommodate many points of entry—from gates and doors to turnstiles and even entry via a credit card app through a variety of payment providers. Not to mention, AiFi's physical flexibility enables us to support indoor and outdoor retail spaces.	**Easy Entry Options**	Some autonomous stores are limited in entry options as well as store location options.
AI-powered computer vision begins shopper tracking and identifies items customers interact with, offering easier deployments and enhanced scalability. AiFi's AI-powered frictionless checkout provides shoppers with a convenient, accessible, and personalized experience to purchase items in-store without having to wait in line or stop to scan and pay.	**Computer Vision**	Other autonomous stores use sensors, not computer vision, to track items taken off shelves. However, sensor technology is limited in analyzing visual data, often resulting in inaccuracies, longer processing times, and latency.
Through the AiFi Store Console retailers are able to capture exclusive customer analytics to optimize profitability and productivity.	**Back Office Analytics**	Not all in-store analytics provided by competing companies track important KPIs such as shopper conversion rate, transaction time, or pinpoint hot spots throughout the floor plan.
With AiFi's proprietary integrated operations app, you'll get complete control of store staff and labor allocation, and experience easy planogram and inventory management. Through our Store Management Portal, store operators can easily audit order details and customer receipts.	**Operations App**	Other operations software pales in comparison, as most other autonomous stores have limitations on deep machine learning insights on buyer behavior, and throughput.
AiFi's camera-only AI platform begins tracking shoppers as they enter the store using keypoint tracking technology that creates a unique individual. Our approach combines computer vision and machine learning to infer over 8 joints (or keypoints) on a body, making our solution suited for accurate tracking within stores.	**Keypoint Tracking Technology**	There are few, if any, autonomous store solutions besides AiFi that offer keypoint tracking technology. Instead, many of these other autonomous stores rely on inefficient custom depth cameras to help track the whereabouts of shoppers and items taken from shelves.
Access retailer options to integrate payment, entry, and back office operations through powerful AiFi API integrations with various applications and payment providers. We support the most payment providers in the space!	**API Integrations**	Other autonomous stores lack the integrations that enable you to continue working with certain partners or payment providers of your choice.
We partner with top connectivity and technology providers to guarantee the utmost accuracy and efficiency in every store launch. Our partnerships with companies including Verizon, Microsoft, HP, Nvidia, and Qualcomm enable our clients to leverage robust infrastructures and seamlessly deploy certified, high-quality equipment.	**Partnerships**	While other autonomous store solutions have partners, our cloud service provider and connectivity provider deliver bottom-line saving results. For instance, our partnership with Verizon reduces hardware and maintenance costs by 60% compared to other autonomous shopping solutions.

Discover the largest AI platform empowering retailers to scale autonomous shopping solutions with 100% computer vision.

Learn more about AiFi