

# Attract and retain customers with contactless, autonomous shopping .

## 5G Edge Partner Program: AiFi

Solution brief

**The pandemic has dramatically impacted consumers' shopping preferences and journeys in ways that may become long-term habits. As the lines between the physical and digital blur even further, retailers want to offer consumers more convenient, personalized and secure shopping experiences.**

Retailers, however, understand more than other industries that to deliver these new contactless shopping experiences requires a reliable, advanced and secure infrastructure. AiFi and Verizon are transforming retail spaces and delivering the “phygital” experiences consumers now want and expect.

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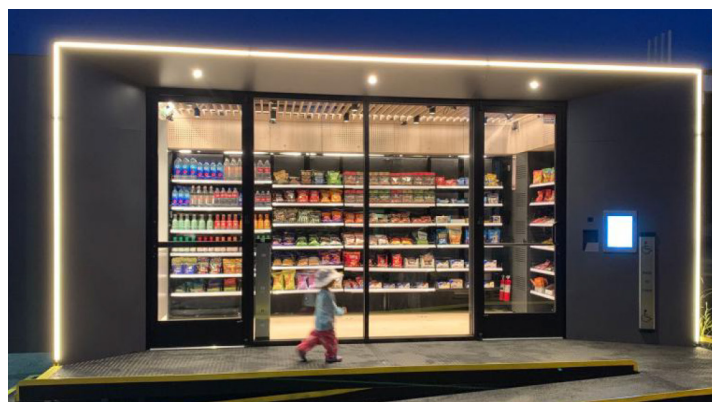
### A whole new shopping experience, powered by 5G

AiFi enables reliable, cost-effective and entirely contactless autonomous shopping using artificial intelligence (AI)-powered computer-vision technology. It provides an unrivaled shopping experience for retailers and consumers around the world.

Top global retailers are using the solution to customize autonomous shopping experiences that feature flexible integration and entry options, giving customers the option to check out with a cashier or autonomously through the use of AiFi's technology.

Verizon enables AiFi's solution to be easily deployed in any location with mobile connectivity, including to Verizon's 5G Ultra Wideband network. AiFi uses Verizon 5G Edge with AWS Wavelength services to help eliminate the need for traditional services, which also can help reduce the need for regular servers and upfront hardware and maintenance costs.

AiFi's use of Verizon 5G Edge with AWS Wavelength Services puts technology resources closer to end users. Data is processed and stored at the network's edge, not at some distant data center, significantly reducing end-to-end latency.



Multi-access edge computing (MEC) provides both an IT service environment and cloud-computing capabilities to help enable the real-time enterprise.

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### Shopping experiences with AiFi include three steps:

- **Easy entry.** Shoppers check in with an app or credit card, and AiFi starts tracking shopping activity immediately without any disruption to regular shopping habits
- **Seamless shopping.** AiFi's machine learning is trained to recognize tens of thousands of SKUs with pinpoint accuracy, as well as to recognize when stores need to restock their shelves
- **Contactless checkout.** Shoppers can head home completely checkout-free, and receipts are sent directly to their email or mobile app

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## Flexible shopper journeys

AiFi offers hybrid shopping and several entry options to help you create unique experiences for your store. The hybrid solution lets shoppers check out with a cashier or enjoy a contactless, checkout-free experience with AiFi's computer-vision technology. The solution can include:

- **Turnstiles.** Located at the store entrance to require shoppers to check in before entering for secure 24/7 shopping
- **Kiosk.** Placed inside the store for shoppers to check in for an autonomous shopping experience upon entry or when exiting the store
- **Door locks.** Positioned outside the store to allow for easy and secure entry when the staff isn't present, in addition to regular shopping hours

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## Benefits

- **Shopper convenience.** Save shoppers time and make shopping enjoyable with grab-and-go stores that can stay open 24/7
- **Operational efficiency.** Use back-end store analytics to help find the optimal inventory mix for each location, reduce stockouts and shrinkage, and lower labor costs
- **Optimized productivity.** Automatically generate a restocking to-do list for staff and allow them to focus on providing exceptional service that drives revenue instead of scanning

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## About the 5G Edge Partner Program

The 5G Edge Partner Program<sup>1</sup> aims to accelerate 5G Edge adoption and development by partnering with best-in-class, cross-industry application providers and developers who will change how we live, work and play.

Verizon was the first in the world to launch 5G mobility service for customers in 2019 and continues to work with key partners to lead the development of the 5G ecosystem.



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## Why AiFi and Verizon

The power of Verizon's 5G network, combined with our edge infrastructure and AiFi's application and NanoStore, delivers a joint solution that's proven, secure, scalable and easy to deploy.

Together, we deliver new and exciting retail experiences that will help drive digital transformation forward and it's all seamlessly available on a single Verizon bill.

## Why Verizon

- **Superior coverage.** Our 4G LTE network covers 327 million people. That's over 99% of the U.S. population
- **5G innovation.** Verizon 5G Ultra Wideband gives you ultrafast speeds, with low lag and massive capacity<sup>2</sup>
- **Trusted security.** Managing over 500,000 security network and hosting devices gives us valuable insights into the digital landscape
- **Expansive focus.** We obsess over the details, analyzing millions of gigabytes of data every day
- **Easy integration.** We've certified 900+ machine-to-machine (M2M) chipsets, modules and devices



### Learn more:

To learn more about how AiFi and Verizon 5G Edge can help accelerate retail transformation, improve operations and productivity, and deliver a better shopping experience, email [vz.5g.edge.partnership@verizon.com](mailto:vz.5g.edge.partnership@verizon.com)



<sup>1</sup> Purchases of any products or services offered by businesses participating in the Verizon 5G Edge Partner Program ("Program Participant") are directly with the Program Participant, not Verizon. You [Customer] should carefully review and evaluate its offerings and terms offered by a Program Participant.

<sup>2</sup> 5G Ultra Wideband (UWB) available in select areas. 5G UWB access requires a 5G-capable device with select voice/data and 5G UWB plans. 5G Nationwide available in 2,700+ cities