

WIRELESS CONNECTIVITY & MOBILE BIG DATA ANALYTICS

A global leader in Wireless Connectivity and Mobile Big Data collection and analytics, Wefi has positioned itself to provide telecommunications carriers, sport venue owners, the auto industry, infrastructure companies, and enterprise companies an Always Best Connected wireless connectivity with high-end Mobile Big Data analytics and business insights that offer cost efficiency, planning, design, deployment, management, and marketing of their services.



Our mobile Connection Manager SDK is used by the Telecom and IoT industries to seamlessly connect mobile devices, cars, and other end-points to wireless networks



Our Data Collection SDK collects rich, granular, and accurate location-based data from tens of millions of mobile endpoints



The collected information is used to build valuable 5G, 4G, and IoT network analytics and actionable insights

Our wireless Connection Manager provides seamless connectivity to Amenity and wholesale Wi-Fi networks with always best connected quality of experience and efficient Wi-Fi offload solution for saving operational costs.

The data we collect comes from tens of millions of devices generating billions of data points daily. Our analytics solutions provide our customers actionable business intelligence to operate more efficiently, improve network performance, better manage quality of service, and business insights.

wefi

Company Profile



Products

WeConnect

Wireless Connection Manager & Offload Mobile SDK
WeConnect is a market-leading, patented Connection Manager, enabling smart and optimal connectivity to free, captive, and wholesale Wi-Fi and Cellular networks. Since 2006, it has been installed and used in tens of millions of devices around the globe, enabling organizations to offer optimized mobile broadband connectivity quality of experience while implementing policies to increase offload and control costs.

WeCollect

Data Collection SDK

Our lightweight data collection SDK is integrated in our customers' mobile devices. Seamlessly working in the background, it collects over 200 data points from mobile and IoT devices with geographical resolution of 10x10 meters. The SDK doesn't collect PII data and complies with GDPR & CCPA regulations and user permissions. This data is uploaded to Wefi's fully redundant and secured cloud-based Data Center where it is cleansed and made ready for analysis. Our SDK has been deployed to millions of devices for over 10 years and undergoes continuous quality and security testing to ensure the data we collect is the most accurate in the industry.

WeScore

Cell Quality Competitive Analysis SaaS Tool

Service providers spend millions of dollars every year drivetesting their networks. Wefi's WeScore uses the experience of millions of users to measure the actual delivered performance of every available mobile network. These performance measurements are delivered to the customer in an easy to understand dashboard format. It is significantly less expensive than traditional drive testing while providing much richer data about network performance at any location, all different times of day, all periods of the year, and for any device type.

Services

Mobile Cell Data Offload

When integrating WeConnect to their mobile applications or as a system App to their OEM devices, telecom operators, especially MVNOs and 2nd and 3rd tier MNOs, can offload cellular data to Wefi's Amenity Wi-Fi network or to any wholesale Wi-Fi network, which results in significant operational cost savings.

Data Collection and Feed

Knowing your network performance is much more powerful if done from the user or end-device perspective. Our Data Collection and Feed service aggregates data collected from the devices using our WeCollect SDK, then cleanses, aggregates, and stores the data to Wefi's cloud-based, highly scalable, and secure data center. This data is provided to the data owner on a scheduled basis and is used for generating highly valuable analytics.

5G Network Analytics

Wefi's Advanced Research Platform uses the data collected via WeCollect to provide a wide range of analytics dashboards and reports giving insights into various aspects of network performance and user experience to help Telecom Providers better plan, design, build, and monitor their 5G and 4G networks. Analysis ranges from market/city level, through specific venues, neighborhood, or highway, down to pixel level with our unique 10x10 meter resolution.

Sports Venue Analytics

Wefi's data collection and analytics solution can provide detailed insights on the QoS of wireless services in and around the venue. Which cellular carrier has the fastest speeds or is the Wi-Fi network better in certain locations? By integrating Wefi's SDK, sport teams and venue owners can also collect fan data that can be used to build profiles to better understand their shopping and spending habits. Where do they go before or after the game, where do they eat and shop or what mode of transportation did they use?

IoT Connectivity for Connected Cars

Embedded to the connected car's OS level, our WeConnect SDK seamlessly and automatically connects to available Wi-Fi networks (among them, Wefi's Amenity Wi-Fi) to provide a high bandwidth and a reliable, secure, and cost-effective connection to receive and transmit non-mission critical data such as car telemetry, new s/w and firmware download, configuration and tuning, OTT service offline media, version upgrades, and more.