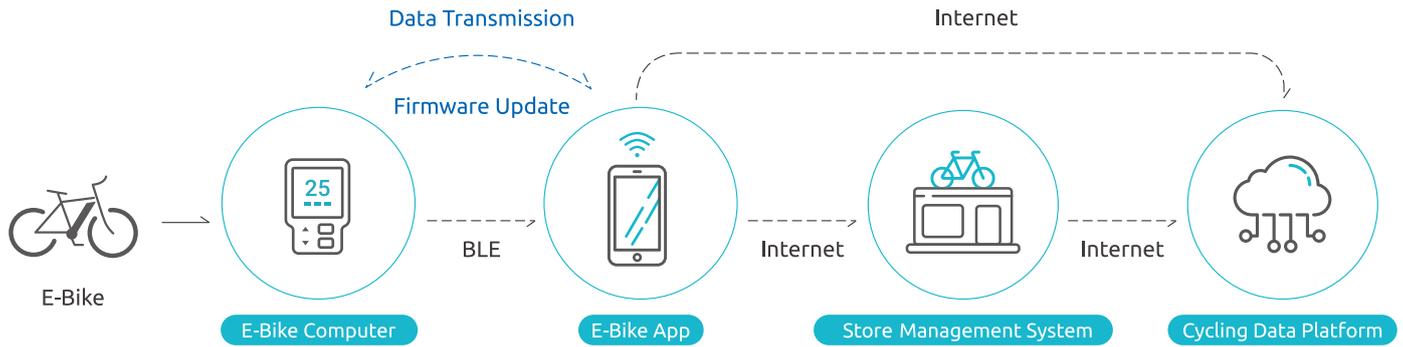# Bikonnect

Connect Your Bike, Ride the Future.

E-Bike Data Service Solution

The Bikonnect "E-Bike Data Service Solution" provided by Microprogram enhances E-Bike cyclist experience and bike brand service value with IoT and Big Data to make smart technologies improve global competition for E-Bike. E-Bike data service has combined E-Bike Computer and E-Bike App, which can collect cyclists' real-time dynamic cycling data to the Cycling Data Platform for bike brands or component manufacturers. Through cyclists' data to assist the brand's business decision-making, the E-Bike digital upgrades practically to create more added value for the brand owner. For cyclists, a series of smart bike products, including E-Bike Computer and E-Bike App, make the cyclists' experience more intelligent and convenient, reaching a win-win situation for cyclists, bike brands, dealers and component manufacturers.

Bikonnect

Data Transmission　　　　　　Internet

Firmware Update

E-Bike　→　E-Bike Computer　—BLE—　E-Bike App　—Internet—　Store Management System　—Internet—　Cycling Data Platform
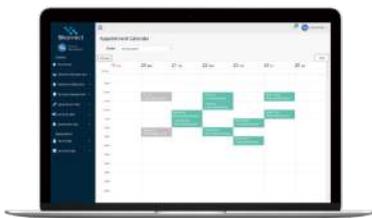
E-Bike Computer

- Connected to E-Bike App
- Battery status / Assist mode / Speed / Real-time Display
- Update the firmware with Bluetooth and E-Bike App
- USB device recharging
- CAN BUS / CANopen communication interface

E-Bike App

- Cycling record uploads to the cloud system in real time
- Riding navigation and battery usage estimation
- Diagnose your E-Bike system health by one-click
- Make an appointment easily for your bike repair and maintenance
- Digital maintenance history on the go

Store Management System

- Get real-time information about members and their bikes
- Schedule available time for online appointment
- Visualized appointment calendar management
- Build up bike maintenance history
- Catch the maintenance and repair statistics easily

Cycling Data Platform

- Visualized members' cycling data statistics
- Member's relevant data is easy to query
- Easily send marketing notifications to members
- E-Bike system equipment management for members' E-Bike
- Assign easily to administrative authorizations of members' data