

IoT Device for Shop Smart Electric Bikes and Ebikes Sharing Rental Projects

omni IoT

Professional Team
Self-Developed

Smart GPS Tracker



Used for e-bikes, scooters,
and other vehicle types.

MISI

omni

The advertisement features a black background. In the center is a large, black, rectangular IoT device with a blue light bar on top and the 'omni' logo on the front. To the left of the device is a white electric bike, and to the right is a white electric scooter. The text 'omni IoT' is in the top left, 'Professional Team Self-Developed' is in the top right, 'Smart GPS Tracker' is in large white and blue letters on the left, 'MISI' is written vertically on the right, and 'Used for e-bikes, scooters, and other vehicle types.' is below the title. A small GPS icon is also present.

IoT Device Applications

A shared and personal e-bike solution offers real-time monitoring of location, battery, speed, and riding habits for health insights.

Factory-compatible, custom exterior, and built-in tracking

After proofreading, riders can use the OMNI APP or your app with Bluetooth (4G, compatible with 2/3G) to sync e-bike parameters for personalized control.



Short-term or long-term e-bikes and scooters rental

Monitor vehicles and user activity in real-time, streamline rental and



Smart e-bikes and scooters sharing

Scan to use, auto lock/unlock, real-time data reporting, and constant back-end monitoring.



By using an [eBike rental app](#), server program, database, and background management system, which can be integrated with an IoT device which has functions of smart gps tracker,electric bike lock , theft prevention,auto lock and unlock etc..You can create a seamless, real-time, and efficient platform for managing your e-bike fleet, tracking their locations, monitoring battery levels, and providing users with a convenient and reliable user experience and rental experience.

Multi-Mode High-Precision Positioning

GPS GLONASS Beidou

Various positioning technologies and signals offer precise location information.



Six communication modules

Six built-in communication modules meet various needs.

4G LTE-CAT 1 CAT M1

CAT NB2 EGPRS CAN

BLE 5.2



Removable SIM card slot

It offers users more options and flexibility to change SIM cards as needed.

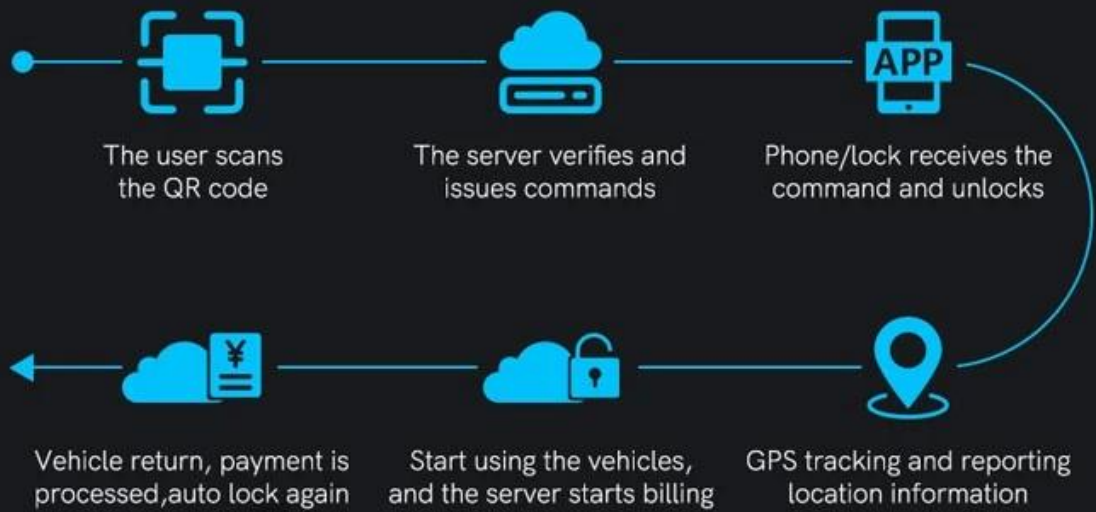


External installation

Easy to install and remove, with a compact size that doesn't affect appearance.

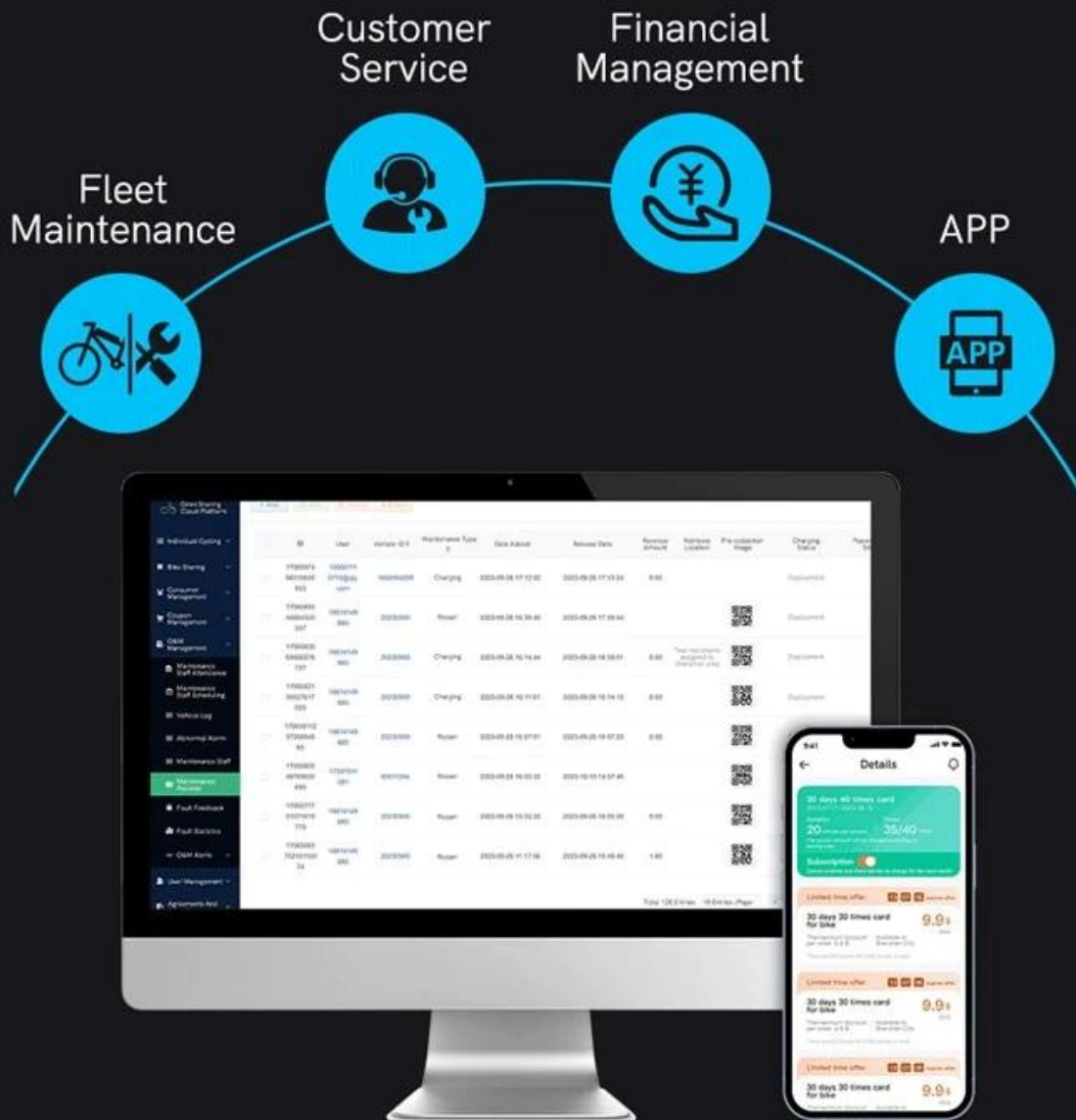


IoT Workflow



Fleet Management System

Customizable backend system + app for fleet management, customer support, and income tracking.





Core advantages

