Smart Fleet

InHand Smart Fleet Cloud Platform

Efficient and Smart Monitoring & Management Platform

InHand Smart Fleet Cloud Platform (Smart Fleet) is a service platform that allows enterprise customers to monitor and manage their enterprise class vehicles. Smart Fleet provides user-friendly UIs and simple processes as well as InHand's on-board terminals highly recognized by customers around the world. It helps you smartly and efficiently manage your vehicles, inter-collects vehicle data to implement joint analysis based on multiple data sources, vehicle lifecycle control, and smart vehicle O&M, and facilitates informatization and digitalization of engineering vehicles.

Smart Fleet collects multiple vehicles to the same network, so that you can monitor and manage the vehicles, deliver the configurations, and upgrade the firmware in a unified manner.

Smart Fleet helps you quickly build an Internet of Things (IoT) network to allow you know the vehicle running data in real time. You can easily monitor and manage vehicles and gateways in a unified manner through the cloud platform. It can effectively resolve problems such as data isolation, collaboration bottleneck, and management missing.

Characteristic

● **Multiple Data Convergence**

Based on multiple types of data that are collected and reported by on-board terminals, Smart Fleet analyzes and processes the data to display the vehicle archives, live data, location, track, and other information. It breaks the barriers between vehicle data, fully mines and utilizes the data, and resolves the data isolation problem of traditional on-board devices.

● **Multi-data Joint Analysis**

Smart Fleet uses advanced big data analysis methods and models to jointly analyze the collected data, improving the accuracy of the analysis results. It ensures smooth communication between the foreground and the background, and resolves the collaboration bottleneck.

● **Lifecycle Management**

Smart Fleet provides user-friendly visual UIs, which helps you view the real-time data and historical data of any vehicle that is collected to Smart Fleet on the web page, so as to monitor the vehicle assets and the vehicle lifecycle. It resolves the problems of missing vehicle information, unknown vehicle usage, and unknown vehicle health. It reduces the input cost of manpower and time, and transforms the monitoring management from passive response to active prevention.

● **Smart O&M**

Smart Fleet provides smart vehicle warning, maintenance plan, work order and three linkage functions. It can effectively avoid potential risks, quickly locate abnormal nodes, and reduce losses.

● **Unified Management**

Smart Fleet allows you to monitor vehicles, manage gateways, and upgrade the firmware in a unified manner, and deliver configurations in batch. This can reduce repeated tasks and improve your working efficiency.

● **Permission Classification/Customization**

Smart Fleet allows you to set different roles and permissions for different users. You can select the role based on your needs to avoid configuration deletion by mistake and protect your data security.

● **Flexible Custom Policy**

Smart Fleet allows you to customize monitoring policies based on your needs. You can select the data sources for monitoring based on your actual needs, application scenarios, and usage habits.

● **Multi-level Open System**

Smart Fleet can provide high-quality data to third-party platforms through Open APIs, inter-collecting data easily.

InHand Networks

Product Features

Smart Fleet	
Home	
Map	It supports global vehicle monitoring and specific vehicle, fence, address search.
Dashboard	It supports the display of data such as number of vehicles, attendance, working hours, mileage, warning and work order in different time ranges.
Vehicle Monitoring	
Vehicle Overview	It displays the global vehicle overview, including the total number of vehicles, the total mileage, and the total working hours.
Vehicle Details	It displays the information of a single vehicle, including the information, running parameters, data, track and capability of the vehicle.
Geofence	It allows you to customize a Geofence and display it on the map. An alarm is triggered each time a vehicle enters or exits the Geofence.
Operation Logs	It allows you to view the logs of operations on the vehicle.
Gateway Management	
Gateway Overview	It displays the global gateway overview, including the number of online gateways and the traffic.
Gateway Details	It displays the information of a single gateway, including the traffic trend, online trend, network topology, and channel list.
Configuration Management	It allows you to deliver the configurations in a unified manner.
Firmware Upgrade	It allows you to upgrade the firmware in batch.
Event	
Real-time Event	It supports real-time alarms for vehicle events.
Historical Event	It allows you to view historical events of vehicles.
Report	
Vehicle Report	It supports to generate reports for global vehicles.
Management	
Organization Management	It allows you to configure the basic information of an organization and configure parameters for vehicles of this organization.
Customer Management	It allows you to add, edit, or delete a customer.
Role management	It allows you to add, edit, or delete a role.
User Management	It allows you to add, edit, or delete a user.
Log Management	It allows you to view and export the operation logs.
Template Manager	It allows you to manage the vehicle templates and panel templates.

About Us

InHand Networks is a global leader of Industrial IoT, with a record of tremendous success following groundbreaking innovation since our inception in 2001.

InHand serves world-class partners and customers with industrial M2M routers, gateways, industrial Ethernet switches, rugged computers and IoT management platforms. We provide IoT solutions for various vertical markets including Smart Grid, Industrial Automation, Remote Machine Monitoring, Smart Vending, Smart City, Retail and more.

Proudly bearing the marks of both Rockwell Automation Encompass Product Partner in Asia-Pacific and Schneider Electric CAPP Technology Partner, InHand Networks defines industrial innovation and reliability.

InHand Networks

3900 Jermantown Rd., Suite 150, Fairfax, VA 22030 USA
T: +1 (703) 348-2988
E: info@inhandnetworks.com
www.inhandnetworks.com