NET MODULE

Connectivity Suite

Fleet Management for Transportation Companies

The Connectivity Suite is tailored to the needs of transport operators. It helps them manage the networked devices installed in their vehicles. Therefore the focus is on reliable and secure communication at manageable costs.

Your Problem

As a vehicle fleet grows, so does the complexity of its management. The necessary maintenance cycles, such as software or configuration updates, result in an increased management effort. In addition, it becomes more difficult to be able to guarantee end-to-end encryption of all devices in the vehicle network. For these aforementioned reasons, growing vehicle fleets result in increased time, organizational and financial efforts. The Connectivity Suite, a web-based and modular management platform, helps to solve these challenges.

The Solution

The Connectivity Suite helps to ensure reliable and secure communication of your in-vehicle devices. It enables - in combination with a NetModule router - the management of a large number of routers and associated in-vehicle devices without cost explosion. The Connectivity Suite allows you to maintain control over the installed routers in the vehicles while ensuring access protection using an encrypted VPN network. In addition, the platform enables remote access to NetModule routers and connected in-vehicle devices for maintenance and update service.

How does the Connectivity Suite support you?

— Comprehensive overview list of your vehicle and their online status

— Grouping the vehicles for better overview based on vehicle types, regions etc.

— Control the access of each group based on the multitenancy capability of the Connectivity Suite to restrict access for service technicians

— Execute scheduled over-the-air configuration or firmware updates of your routers at any time and at any location of your vehicles without the need of taking them out of service.

— Provide secure end-to-end connectivity from the back office to your vehicle equipment

— Easy network integration of new vehicles into the existing vehicle fleet

— Operate the Connectivity Suite on-premise to keep your data secure and in-house

— Use the REST-API interface to access functionalities from the Connectivity Suite via your own platform or application
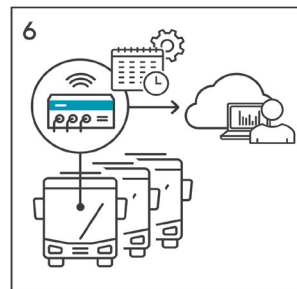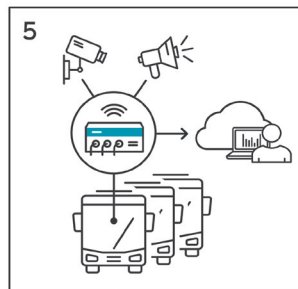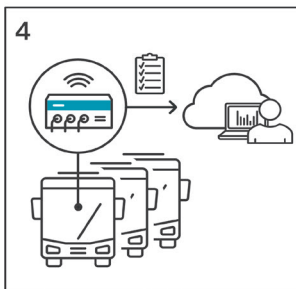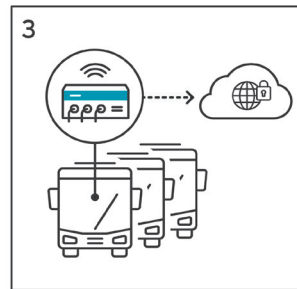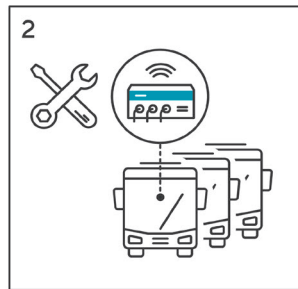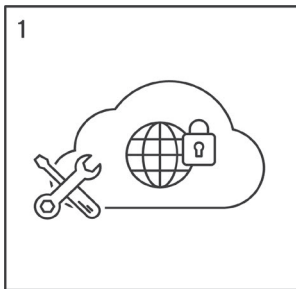
What makes the Connectivity Suite unique?

The Connectivity Suite is a management platform for dedicated IoT devices. It was developed specifically for remote maintenance of NetModule routers.

Thus, the Connectivity Suite is a tailor-made solution for extending the application possibilities of NetModule routers. Furthermore, as NetModule, we offer you the hardware including software as a system to manage your network.

How does it work?

1. Install the Connectivity Suite and then create a provisioning configuration.

2. Install the router in your bus and insert the SIM card. Switch on the router and upload the provisioning configuration to the router via USB stick.

3. The router automatically connects to the Connectivity Suite and is then ready for remote control.

4. The connected router appears in the overview list. The connection status of all routers is monitored.

5. Access to your bus equipment at any place and at any time.

6. Roll out scheduled firmware and configuration updates.

Conclusion

The NetModule Connectivity Suite offers many advantages and saves effort and costs. We offer you the complete system for setting up and operating your fleet network.

Take advantage of these opportunities, we are happy to support you!