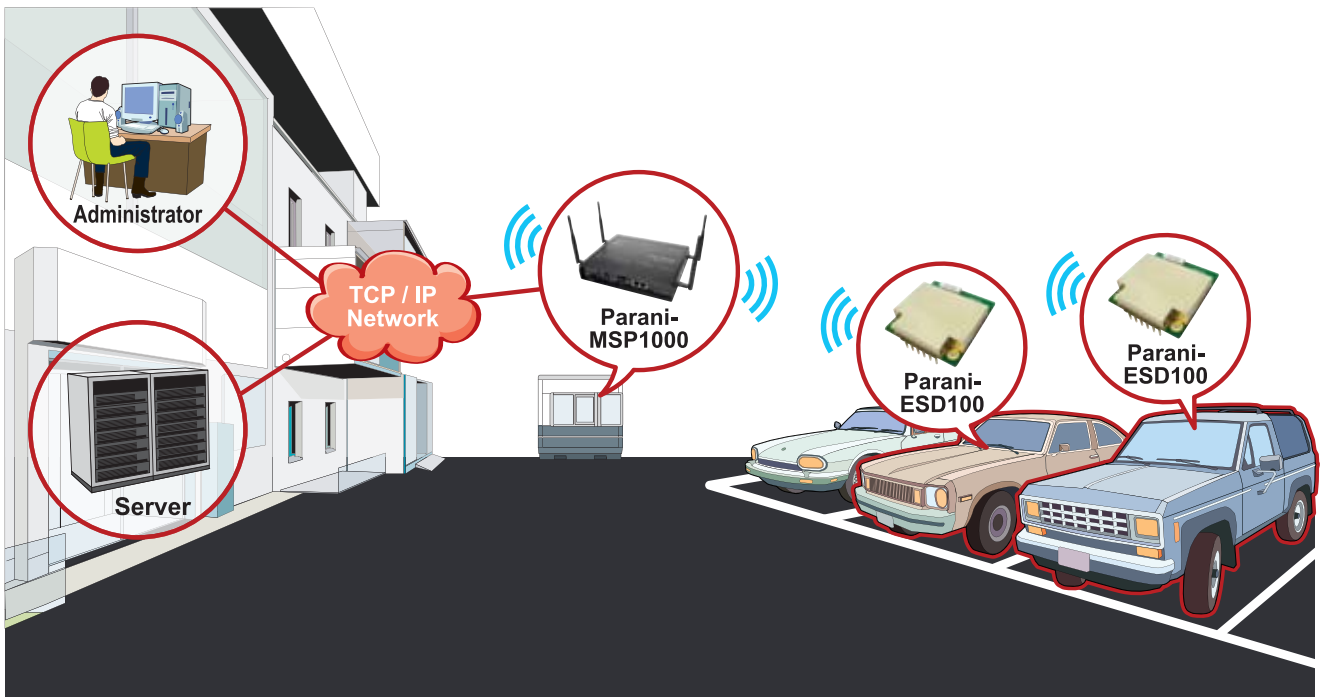


Case Study | Wireless Bluetooth Car Diagnostic System



Description

Automotive data acquisition can be simple and efficient using SENA Bluetooth devices.

How it works

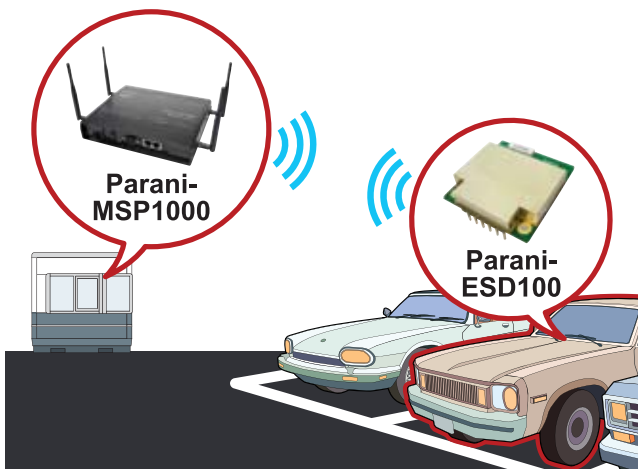


When a car equipped with Parani-ESD100 stops at the parking lot, Parani-MSP1000 tries to find it using previously set IAC(Inquiry Access Code). Once it's found, Parani-MSP1000 makes Bluetooth connections to Parani-ESD100.



⊕ Product : Parani-MSP1000

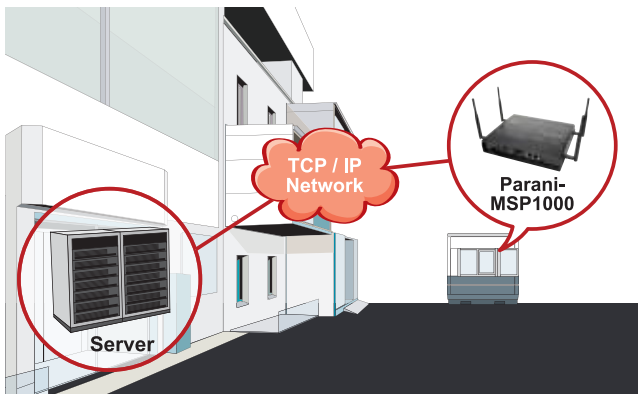
- Connects Bluetooth devices to Ethernet
- Bluetooth v2.0+EDR
- Supports 7/14/28 Bluetooth connections
- Supports various host modes for TCP/IP and Bluetooth communication
- Searches specific devices using IAC(Inquiry Access Code)



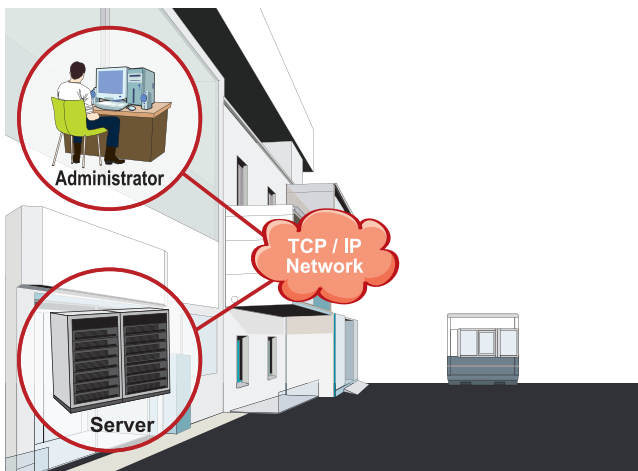
Automotive data is sent from Parani-ESD100 to Parani-MSP1000 via Bluetooth.

⊕ Product : Parani-ESD100

- Low Cost OEM Bluetooth-Serial Module
- Bluetooth v1.2 Class 1
- Built-in antenna



Parani-MSP1000 sends the automotive data to Database server over TCP/IP network.



Parani-MSP1000 sends the automotive data to Database server over TCP/IP network.

Benefits

- Car can be diagnosed automatically
- Exact diagnosis is possible using accumulated automotive data
- Removing the long cable and complex wiring of typical automotive diagnosis using Bluetooth

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