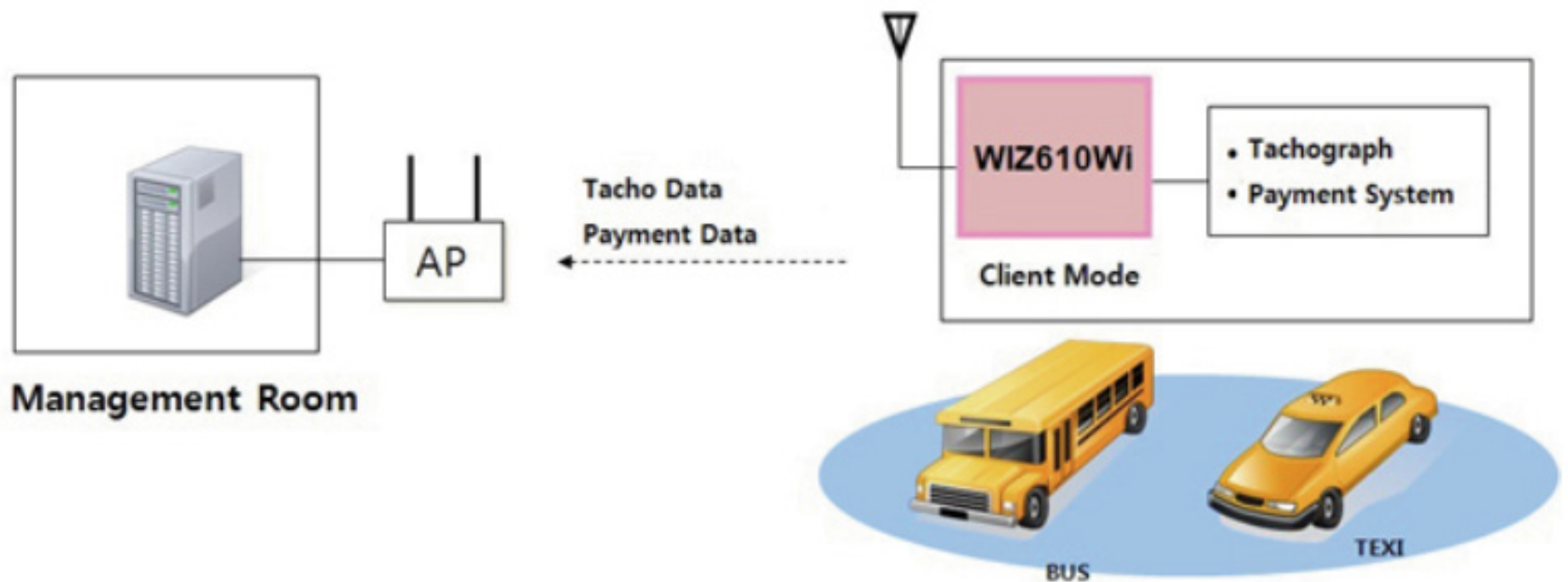


Application example : Public Vehicle System



- **Application** : Public Vehicle System.
- **Company** : Zenovo, Caspo (Korean Companies)
- **Background** : In order to reduce traffic accidents and upgrade the driving efficiency, Korean government legislated to equip the public vehicles with digital tachograph system. Digital tachograph's records are saved to a smart card and are transmitted to the server through wireless network. The digital tacho records the payment data and driver activity such as driving time, rests, and etc in the card. The legal purpose of Digital tachograph is to find the systematic solution to upgrade traffic safety by analyzing the data collected by the tachograph.
- **Solution** : [WIZ610wi](#)
WIZ610wi provides serial to wireless connectivity for the tachograph to transmit the data saved in the smart card. Inside the tachograph, WIZ610wi operates as client mode and establishes wireless networking by automatically connecting to the access point. The tacho data is transmitted to WIZ610wi through serial interface. WIZ610wi converts the serial data into TCP/IP and sends to the server through wireless network.

WIRELESS MADE SIMPLE -Make Your Product Wireless Quickly and Effectively

WIZnet's WiFi product line includes embedded modules and external device server. WIZnet's WiFi product line is designed to connect RS-232 serial device to an 802.11b/g/n network with advanced features such as access point mode, Ethernet to Wireless Bridging, enhanced security (64/128 bit WEP, WPA, WPA2, SSL) and so forth.



[WIZ610wi](#)
802.11b/g embedded Module



WIZ620wi (coming soon)
802.11b/g/n embedded module



[WIZ6000](#)
802.11b/g external device server