Port1 AP1	Port2 AP2	Port3 AP3

Common Communication Data Storage

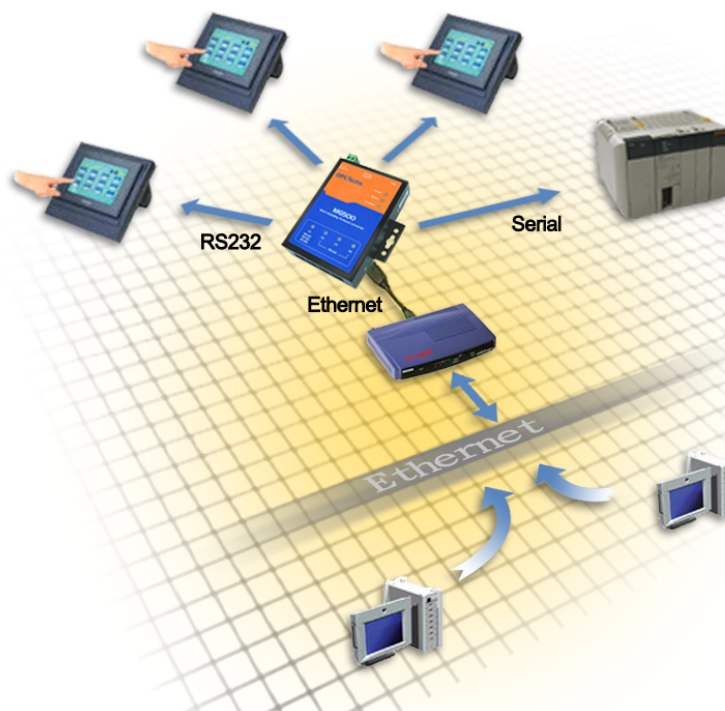Communication Data AP

PLC port control AP

Multi-gateway provides the transparent communication way to serve all of the APs or devices

Integration is a very important part in the automation fields. Most of the PLC lack of the communication and data storage function. Multi-gateway is becoming an assistant to help PLC solve the protocol conversion or data communication.

Solution1:
There are three fields want to monitor a Omron C series PLC. The Omron C series PLC lack of extension RS232 port. So we use multi-gateway to solve the problem. This type of multi-gateway could integrate server more HMI through serial communication and Ethernet communication.

Solution2:

It's difficult to fetch the data from the Modbus devices such as power meters or another special protocol devices. We use multi-gateway to integrate the Modbus devices and Omron C series PLC. We could also provide the data to two more HMI through multi-gateway.