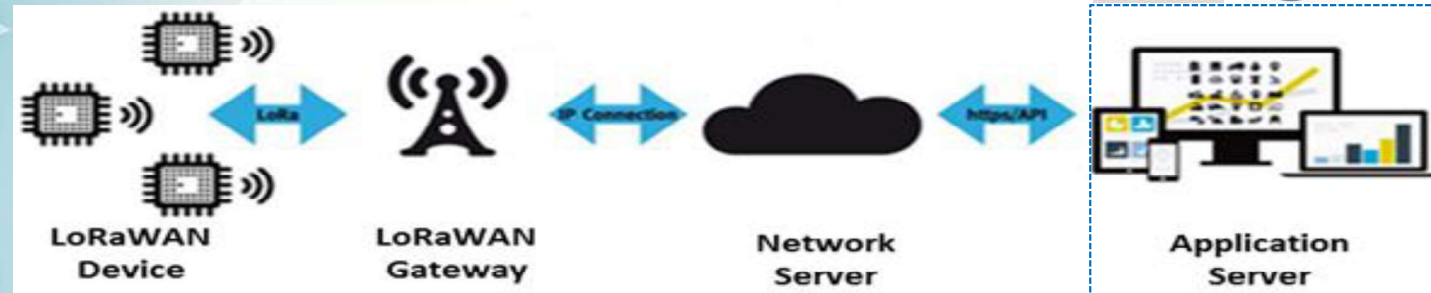


Application Server Modbus TCP



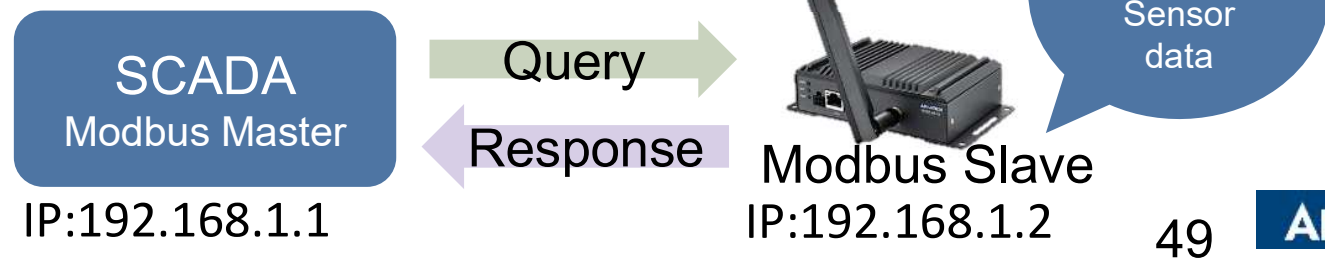
Modbus TCP Mapping 1/3

If you have Application Server enabled. Also, having App argument setting “Advantech” for BB-WSW node. There is a new ModbusTCP mapping function to bridge the sensor data (RS485/AI/DI/DO) with your SCADA system.

The screenshot shows the 'LoRaWAN Gateway Settings' page with the 'Modbus TCP Mapping Table' highlighted. The table contains two entries:

Request Slave ID	Node ID	Type	Action
1	FE4E939E	Class A	Delete
2	FE0D242C	Class A	Delete

Below the table are buttons for 'Modified/Add' and 'Restart Application'. The left navigation menu includes 'Router', 'LoRaWAN Radio', 'Network Server', 'MQTT', 'Application Server', 'Settings', 'Status', 'Modbus Mapping Table', 'Payload Engine', 'Licenses', and 'Return to Router'. The 'Modbus Mapping Table' option is highlighted with a red dashed box.



Modbus TCP Mapping 2/3

Please add the node info and map the slave ID to the BB-WSW node. We prepare the Modbus Address Table for mapping with the input on BB-WSW node(see next page).

1. Only Class A type for AI/DI/DO SKU
2. Class A/C was supported on RS485 SKU. If you choose Class C, the Modbus Table will follow the original Modbus address on the sensor. So you can query the sensor directly.

Navigation	LoRaWAN Gateway Settings
Router	Modbus TCP Mapping Setting
LoRaWAN Radio	Request Slave ID
Network Server	<input type="text" value="1"/>
MQTT	Node ID
Application Server	<input type="text" value="FE4E939E"/>
• Settings	Type
• Status	<input type="text" value="Class A"/>
• Modbus Mapping Table	Node Slave ID
• Payload Engine	<input type="text" value="1"/>
Licenses	<small>If type select Class C , must set this value (1 - 247 or 255).</small>
Return to Router	

Modbus TCP Mapping 3/3

Please refer to this FAQ:

What is the Modbus Address definition of BB Wizard on WISE-6610

<https://www.advantech.com/support/details/faq?id=1-21ZCCS1>