

**Master**

**XBee 3 RF module**

**NC:**  
ZigBee 3.0  
coordinator

**MQTT-SN<sup>1</sup>**  
UART

**Raspberry Pi 2B**

**GW:**  
Python MQTT-SN  
transparent gateway

**MQTT**  
TCP/IP

Mosquitto  
MQTT  
Broker

**MQTT**  
TCP/IP

**UI:**  
Node-RED server  
with dashboard