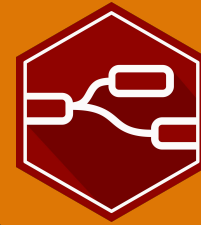
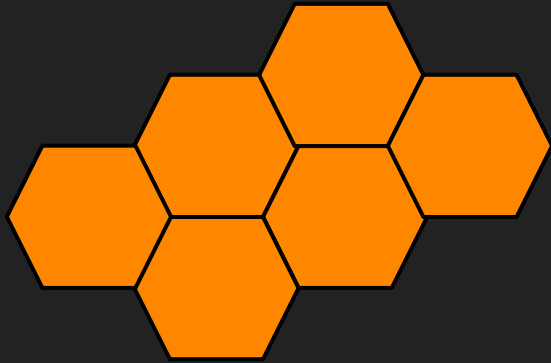


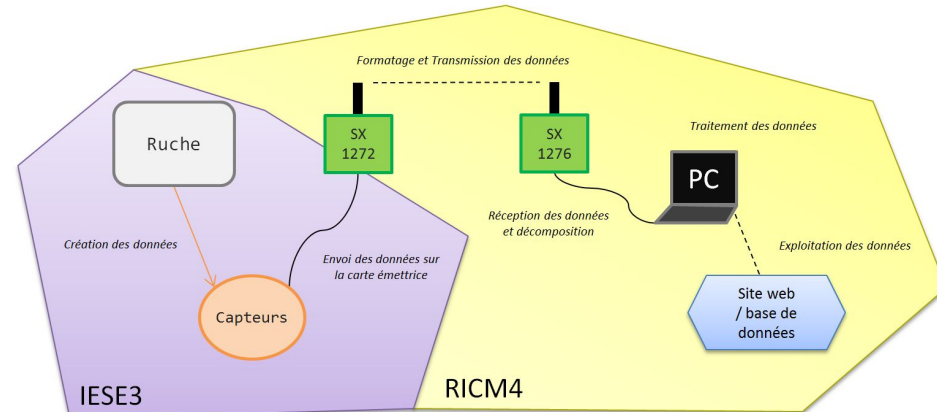
Connected Hive



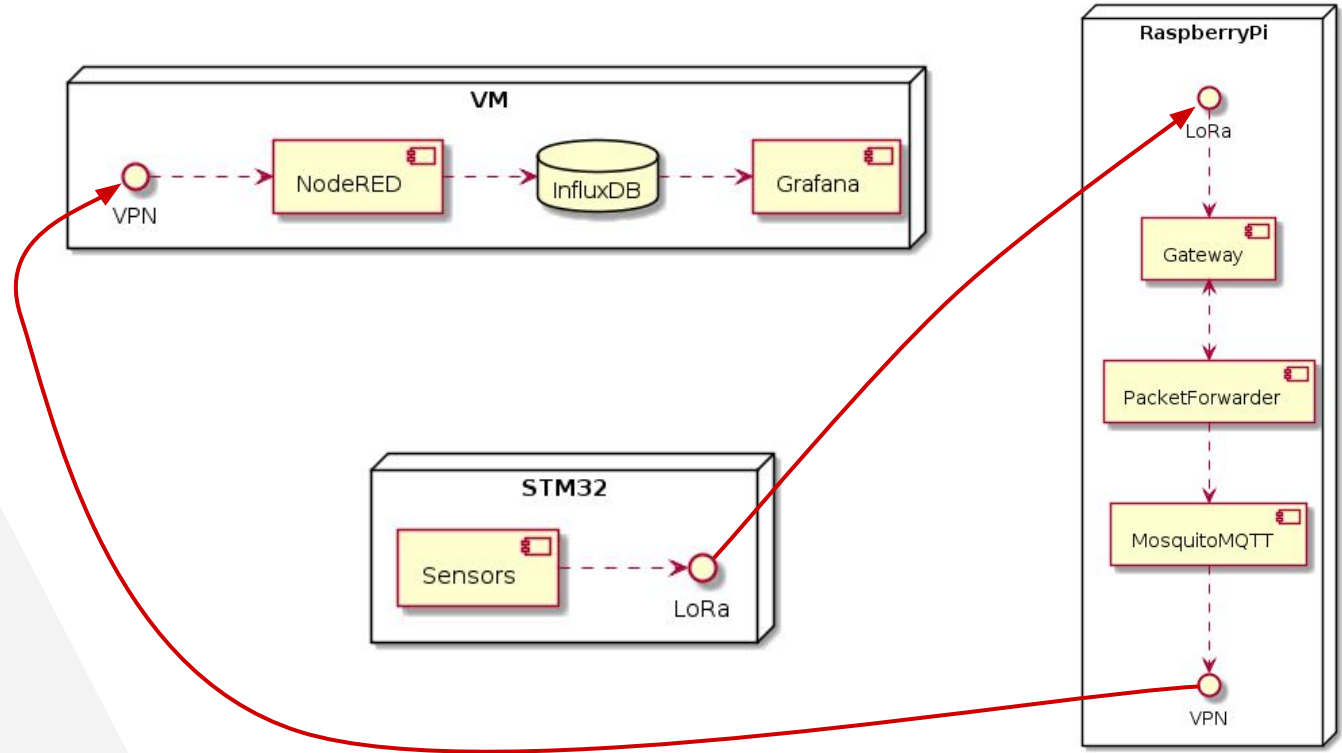
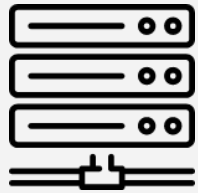
BESNIER Benjamin - LEVESQUE Théo - WEILL William

Presentation

Sensors placed in a hive
Improve honey production
Doesn't need to go on site



Deployment example



Tasks completed and roadmap

- ✓ STM32 programs (send and receive)
- ✓ Docker images for RPi and VM
(Packets forwarder, MQTT Broker, Node-RED, InfluxDB, Grafana)
- ✗ Custom data formatting for LoRa transmission
- ✗ Data visualization with Grafana
- ✗ LoRaWAN

