

Jianqi Chu

CEO Yi Qi Software





YIQI Partner Development Case

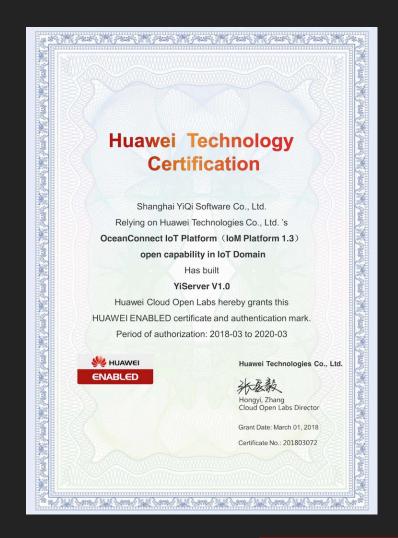
Jianqi Chu

13 Jun 2018



About YIQISOFT

- Huawei Global Partner in IoT
- Focus on IoT Solutions
 - Smart City
 - Smart Factory
 - Smart Community
 - Smart Agriculture
- IoT Education



We want to develop an IoT application: Environment Device

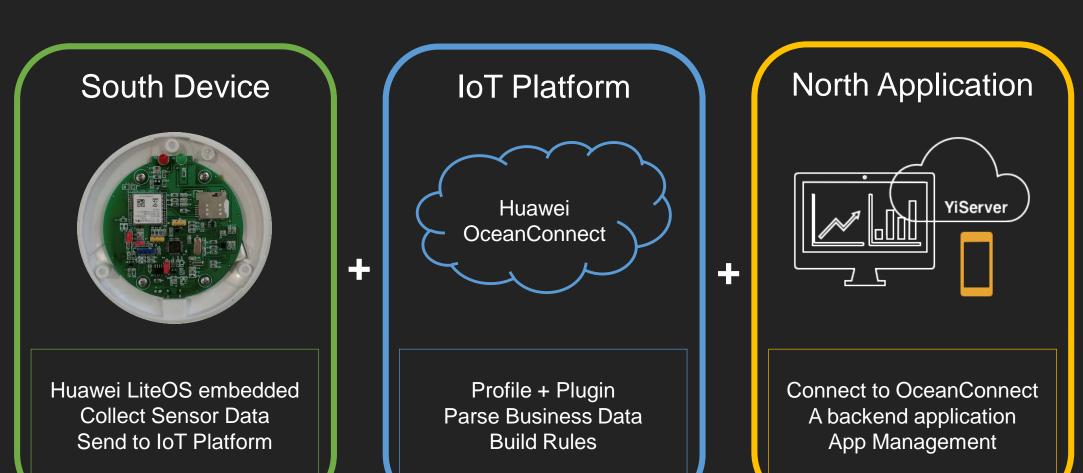






Smart Device base on NB-IoT technology

How to develop an IoT application?



"2 + 1 + 2" Development Action

2 Minutes

Connect IoT Platform

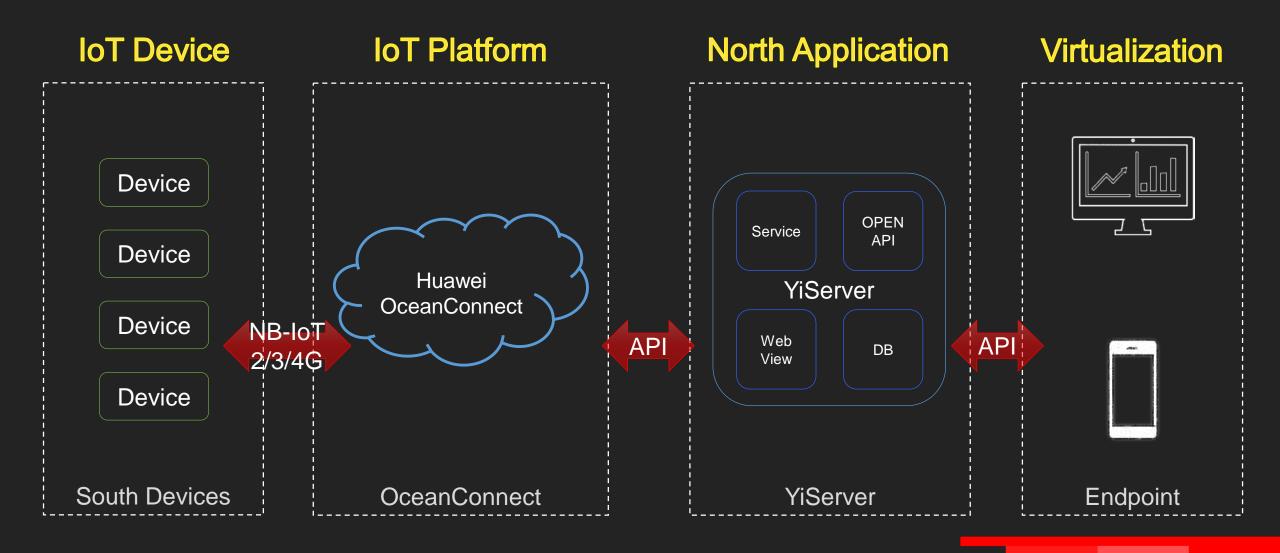
1 Day

• Develop A NB-IoT Product

2 Weeks

Verify IoT Application

End-to-End IoT Architecture



IoT Device (Hardware Development)

Huawei OceanConnect









NB-IoT Module

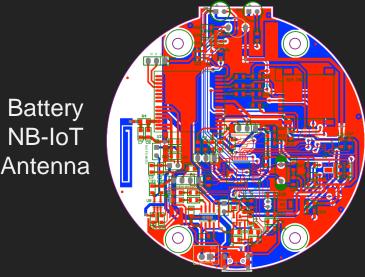
MCU embedded or OpenCPU

PCB with in Sensors

Temperature

Humidity

Illumination

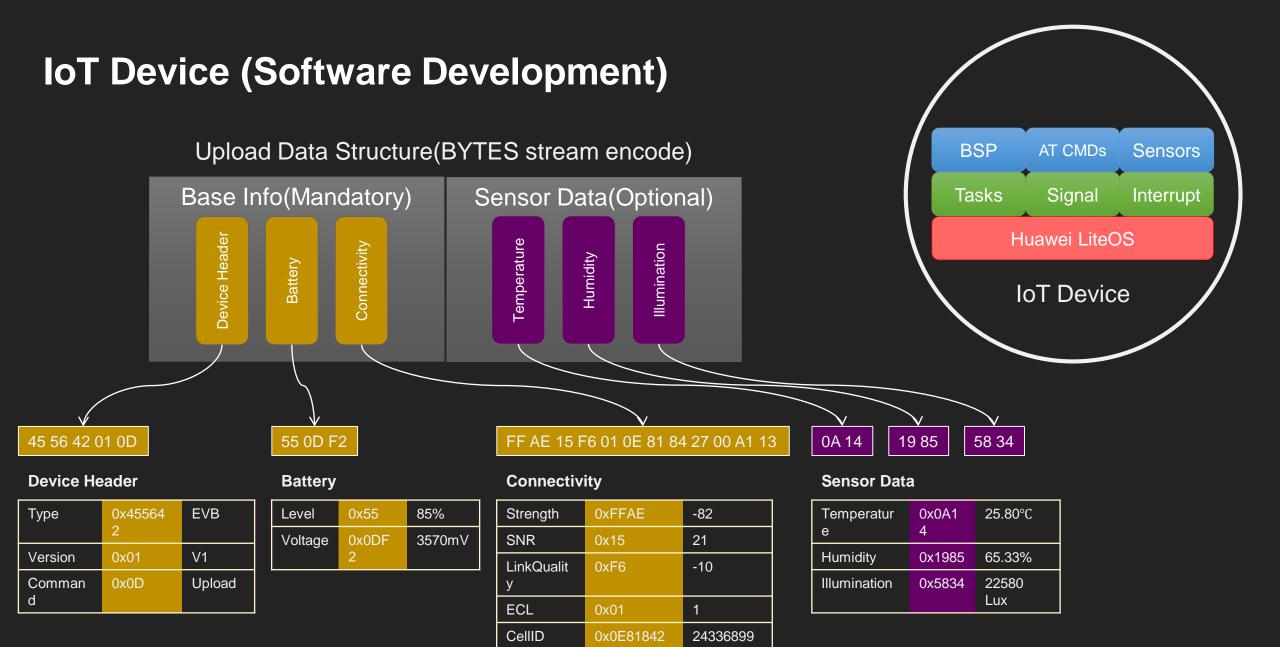


Sampling



AT Commands

Antenna



0x00A1

0x13

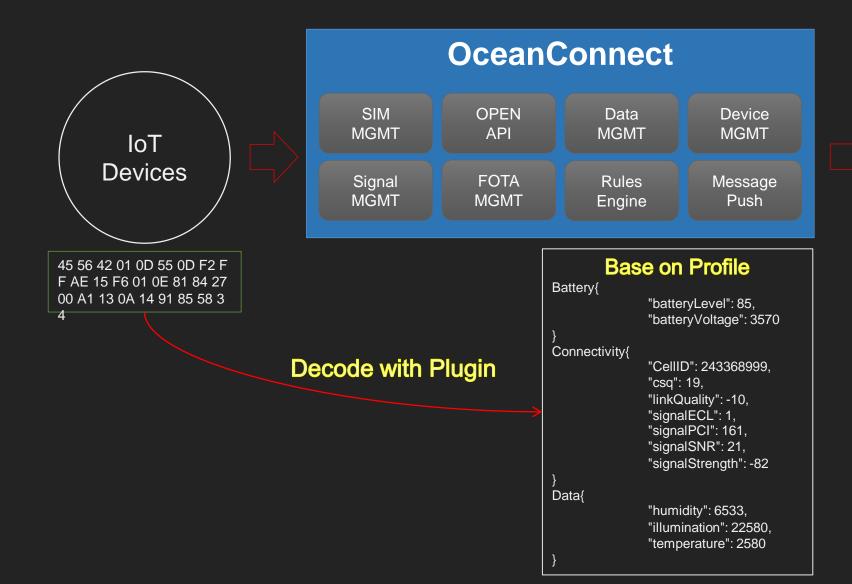
161

19

PCI

CSQ

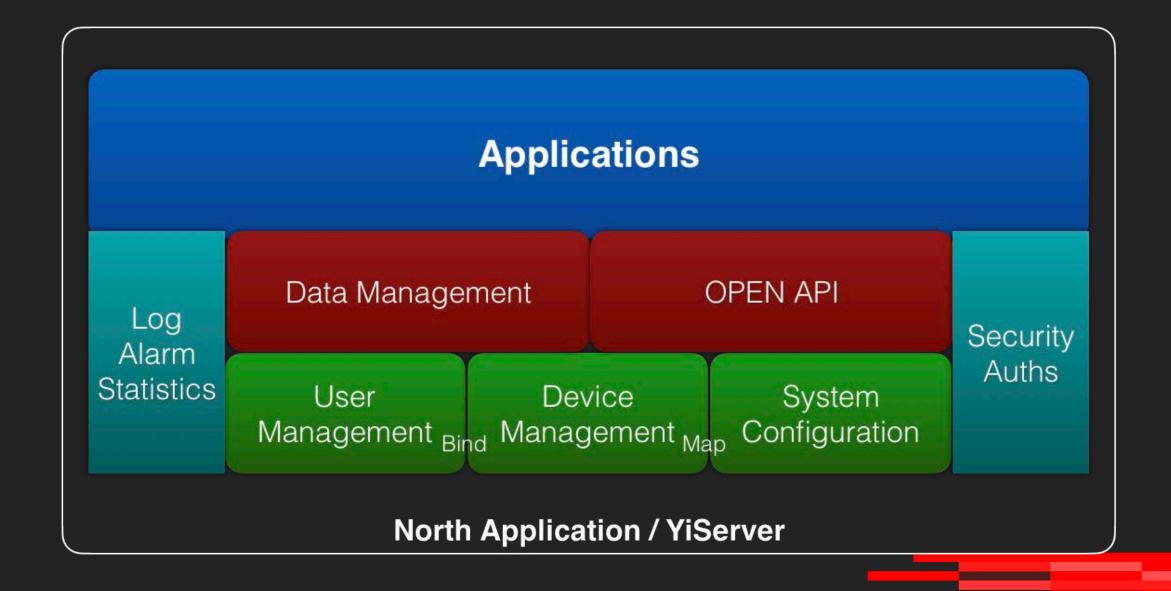
IoT Platform / OceanConnect





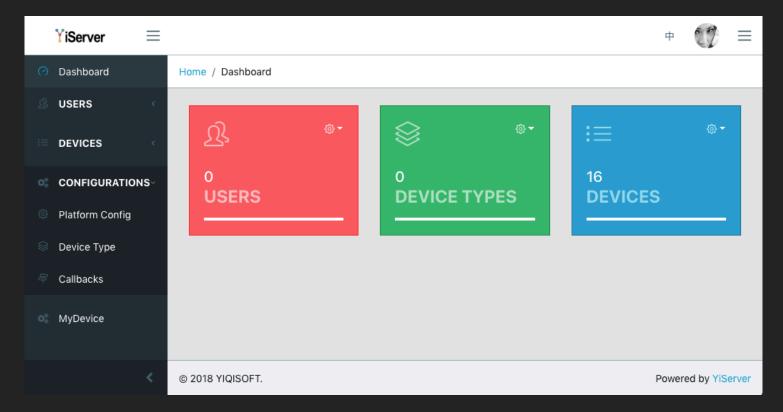
North Application

North Application

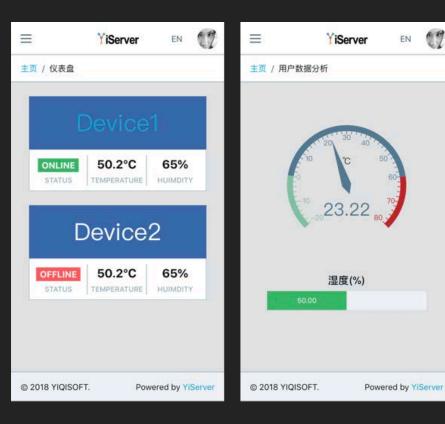


North Application

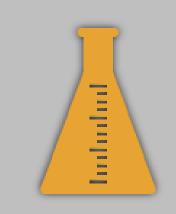
Manager



User



Development Process



STEP 1 Preparation

Choose Sensors Download Firmware





STEP 3
Launch

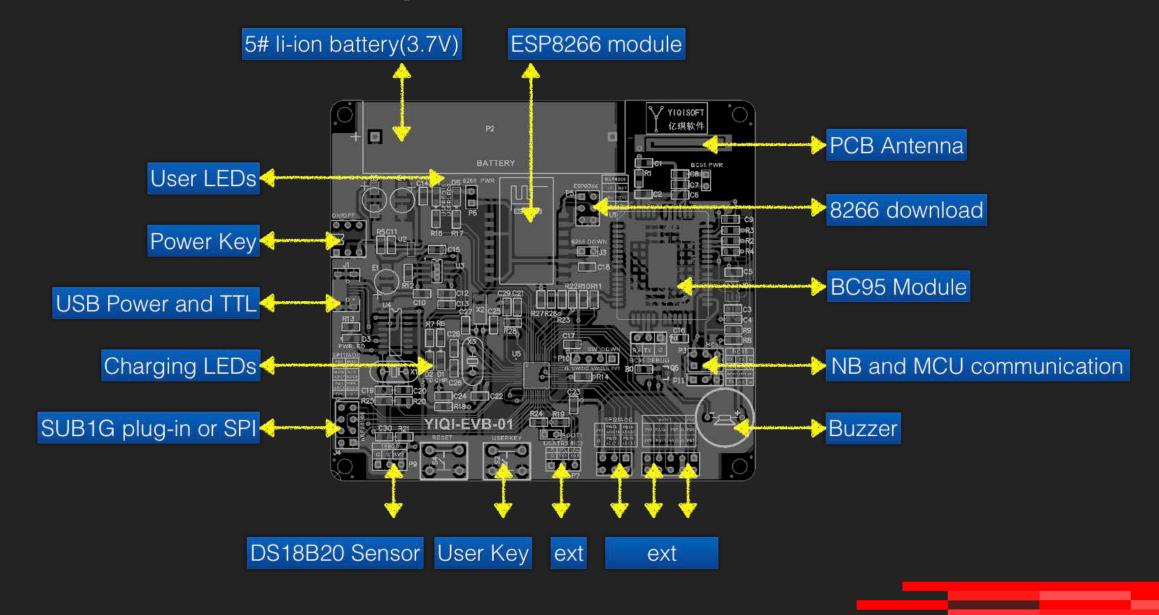
Ready for NA System MGMT



STEP 4BigData / Al

DevOps Visualization

YIQI-EVB-01 IoT Development Board



Thank You