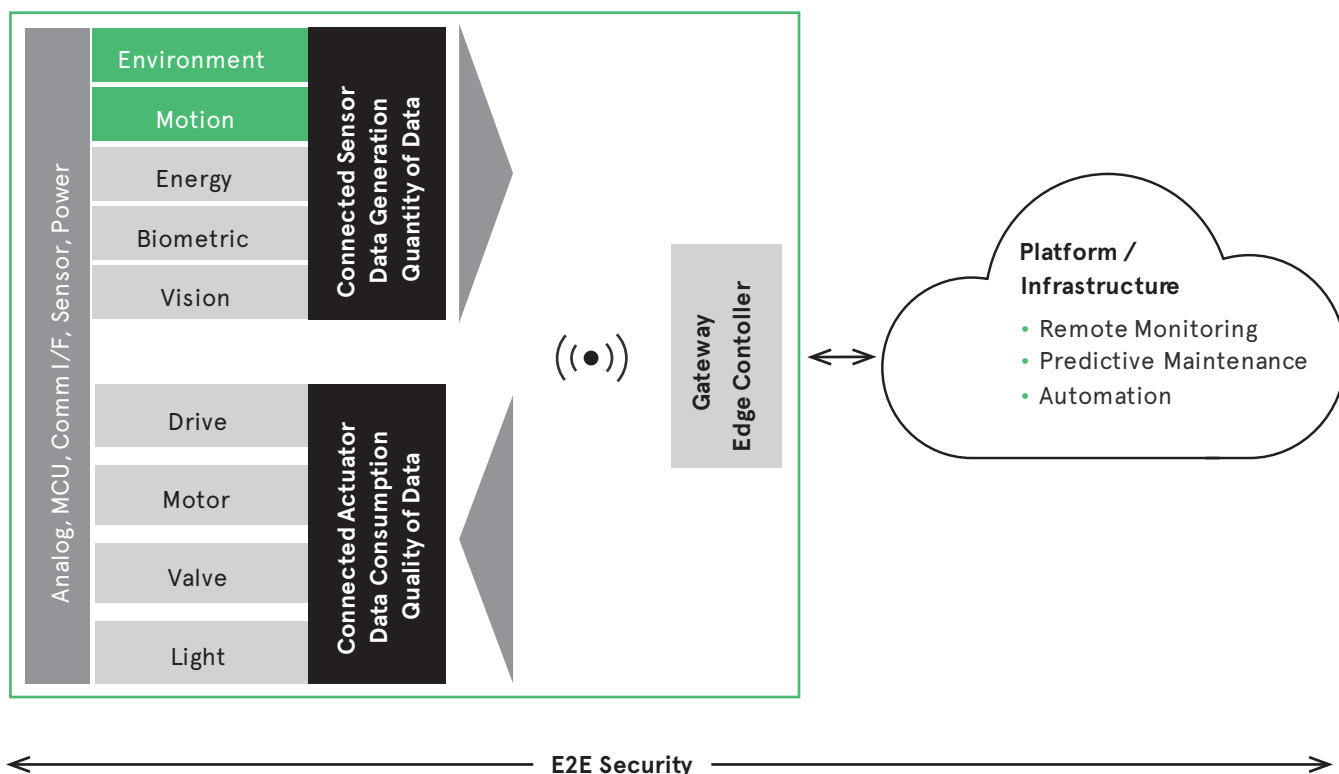


Horizone - Edge to Cloud Solution

AVNET[®] SILICA

VISUALISE REALTIME SENSOR DATA WITH
MICROSOFT[®] AZURE DASHBOARD



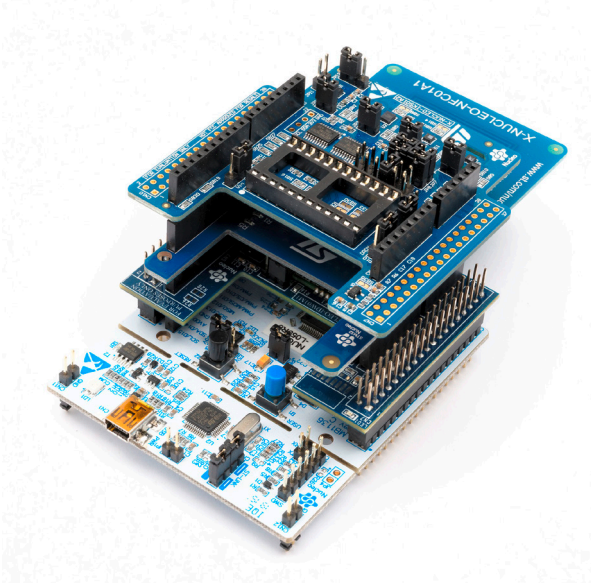
The Horizone kit is a fully integrated solution to bring sensor data into the Microsoft Azure Cloud

- Immediate cloud sensor data view within 2 minutes
- Registration (data for Avnet, STMicroelectronics and Microsoft)
- Seamless configuration / provisioning
- Proof of concept to start the project
- Clear path how to move on with the project
- Production ready, easy to integrate, including communication/security stack



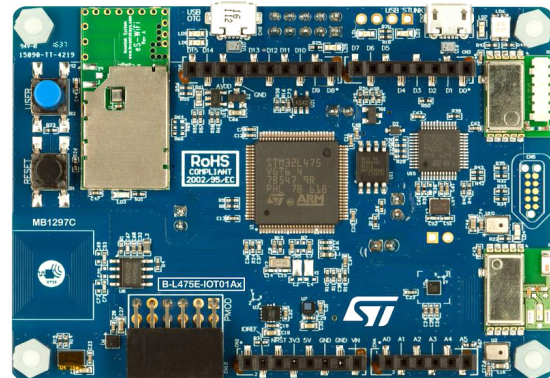
CONTENT NUCLEO KIT (AVAILABLE)

- NUCLEO-L476RG Nucleo-64 development board based on STM32L476RG MCU, support Arduino UNO R3 & ST Morpho Connectivity
- X-NUCLEO-IDW01M1 WiFi Expansion Board based on SWPF01SA module
- X-NUCLEO-IKS01A2 3D accelerometer and 3D gyroscope (LSM6DSL), LSM303AGR 3D accelerometer and 3D magnetometer, HTS221 humidity and temperature sensor and LPS22HB pressure sensor
- X-NUCLEO-NFC01A1 dynamic NFC tag expansion board based on M24SR
- FP-CLD-AZURE1 FW package



CONTENT DISCOVERY KIT (COMING SOON)

- STM32L475VGT6 MCU with Mbed OS
- Arduino Uno V3 and PMOD
- Bluetooth® V4.1 module (SPBTLE-RF)
- Sub-GHz (868 MHz or 915 MHz) low-power-programmable RF module (SPSGRF-868 or SPSGRF-915)
- 802.11 b/g/n compliant Wi-Fi® module from Inventek Systems (ISM43362-M3G-L44)
- Dynamic NFC tag based on M24SR
- 2 digital omnidirectional microphones (MP34DT01)
- Humidity and temperature (HTS221)
- 3-axis magnetometer (LIS3MDL)
- 3D accelerometer and 3D gyroscope (LSM6DSL)
- Pressure sensor LPS22HB
- Time-of-Flight and gesture-detection sensor (VL53L0X)



6 STEPS TO THE CLOUD WITHIN 2 MINUTES

1. Unbox and stack the Demo
2. Scan the QR Code and register on the website
3. Provide WiFi hotspot, i.e. from a mobile phone
4. Power up the evaluation board
5. Check email for the direct link to the Azure Dashboard
6. See Sensor Data in the Azure Cloud Dashboard
7. Done



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