

Example Implementation roadmap

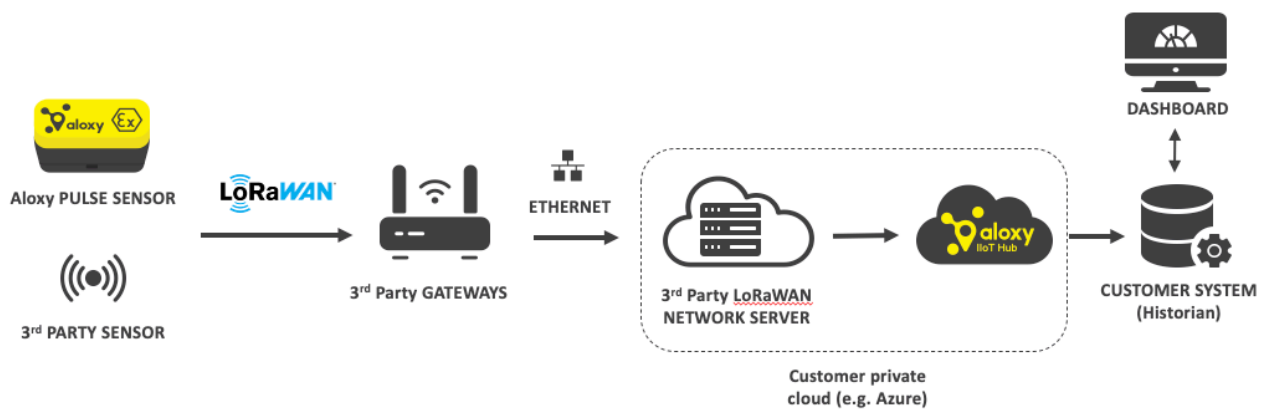
When embarking on a new venture and exploring for new technologies it is important to have a structured step by step approach. Two main reasons, firstly to limit complexity and to make sure the whole organization is aligned and on board with all steps, secondly it is important to have an early option to opt out without too much cost when the technology does not meet your requirements.

There are different aspects to test and by following the step by step approach, every step will bring you closer to full implementation without surprises afterwards.

The requirements (step 2) and architecture (step 4) should be your guideline in designing this roadmap. The architecture should be used to define the steps and the requirements should be the KPI's measured during this step.

To create this example, we will use the following architecture.

- Network:** LoRaWAN
- Network Server:** third party
- Hosting:** private cloud
- Customer system:** Historian



- Aloxy or third party sensors can be connected.
- Third party LoRaWAN network with Third party LoRaWAN network server
- Aloxy IoT Hub runs in the private cloud
- Connected to Historian through HTTP

Step by step roadmap

Step	Goal	activity	Monitor
1	Functional test of Aloxy valve monitor sensor	Test sensor on a valve with test gateway and Aloxy dashboard	functionality
2	Integrate Aloxy Pulse with existing loRaWAN network	Connect Aloxy IoT Hub to third party network server to obtain the pulse sensor data	Network coverage
3	Get data in customer system	Connect Aloxy IoT Hub to customer Historian to see the data in customer dashboard	Latency
4	Final installation on customer private cloud	Move the Aloxy IoT Hub from Aloxy cloud to customer private cloud	Full architecture test
5	Site roll out	Increase number of Aloxy Pulse sensors	Use cases