Feasibility Questionnaire

In order to have a better knowledge of your environment and to help you to integrate very easily our wireless sensors networks, it is necessary to answer precisely the following questions.

1: For what type of application would you like to implement a Beanair® wireless sensor network?

2: Do you plan to realize an installation on a site characterized by the absence of external power?

3: Is your application for indoor or outdoor use?

If outside, what is your protection index (PI)?

4: What is the operating environment (mountains, power plant, air-conditioned room)?

5: Can you describe the environment where the wireless sensor networks must be deployed ?

6: Do you need a mobile or a static wireless sensor network?

7: Is the network in line-of-sight are or are there any obstacles?

If there are obstacles, can you specify the type and quantity (approximate)?
- large metal parts
- Metal Doors
- Fire doors
- Partitions
- Wall (concrete, …)
- Disturbances EMC
- Other: …

8: how far is your network supervisor control monitor?

9: Do you use a WiFi connection?

10: Do you use other 2.4 GHZ band wireless technologies? Specify (distance from the network, channel used ...).

11: Please tell us the type and number of measurement node you want to instrument (example: pressure, 4 temperatures, 2 tilt ...)?

12: If you want to integrate your own sensors, can you specify the following technical informations:

- Sensor Output type (analog, digital, PWM….):

- Sensor power supply

- Current consumption

- Number of pinout

13: What is the maximum data sample that you want to use?

If there are various data samples on the same network, please, specify.

14: Do you need a real time radio transmission?

15: What are your constraints in terms of battery life?

16: Do you have a limitation on the Radio transmission power?

17: When do you plan to install a wireless sensors network?

18: What is the estimated budget for your project?

Do you have questions or suggestions?

Thank you for giving your time to respond to this questionnaire!!

We will do our best effort to give you a response as quickly as possible. Be sure that we will propose you a solution tailored for your application.