



Application Questionnaire

Over the years we have found that there are a few general questions that need to be asked of any opportunity to determine the proper products to offer you the customer. We want to make sure that your experience with Balogh is a very positive one and if we fit the right RFID products to your application you will have an RFID system that will work without difficult to diagnose application related issues for years and years.

We would ask that you print this Questionnaire and fill it in as completely as possible. Even if you can't answer all of the questions, we should still have a good foundation to start working from.

1. Please describe your experience level with RFID: *We cater to everyone and if you are new to RFID we can help to educate you on how an RFID system works.*

2. Have you used RFID in the past? If applicable, what reservations do you have with using RFID?

3. Is this a new or existing RFID application? Please briefly describe the application.

4. Indicate the type of application?

Palletized System:

Monorail System:

Tote Tracking:

Logistics:

Item Level Tracking:

Vehicle ID:

Other: _____

5. Describe the application environment that the RFID system will be applied within? *Classify the system as HEAVY Industrial, MEDIUM Industrial, LIGHT Industrial, and Non-Industrial* If you can elaborate on the details of why you feel the application falls in your designation that would be very helpful.

6. Is there considerable Electromagnetic Interference (EMI) in the environment?

If yes, describe: e.g. induction welders, variable frequency drives, etc.

7. How do you hope to use the Tags? Will it be a factory programmed (**Read-only**) system or a dynamic (**Read-Write**) system?

It is common to think of an application that reads at every station and only makes changes to the data on the Tag strategically as read-only. This is NOT true. Read-only Tags are factory programmed and can never be changed. So even if you ever plan to change data on a Tag, it would technically be considered a Read/Write application.

8. How many Tag interrogation stations will there be?

9. How many Tags will be needed: _____

10. Will the Tag or Transceiver be mounted to metal? (Yes) or (No)

11. Are there any physical size restrictions or requirements for the Tag or Transceiver?

If yes, describe:

12. Does Tag and Transceiver Orientation change during the application: (Yes) or (No)

13. What is the maximum Read/Write distance that you are looking to achieve with the system?

14. How much memory would you like to have on the RFID Tag? *Common memory capacities are 512 bytes, 2Kbytes and 8Kbytes of Read/Write information.*

15. Would you like to Read from or Write to the RFID Tag statically (at a stop) or dynamically (while moving)? *We can do both but if it is dynamically, there is a finite amount of data that can be read/written and we have a formula to calculate the amount based on the speed of the line.*

16. If dynamically, what is the speed of line in feet per minute?

Choosing the Interface Controller:

17. What are the planned controls to be used on the lines? *Allen-Bradley, Siemens, GE, Mitsubishi, PC, etc.*

18. Would you like the RIFD system to be part of a Network Bus System like Profi-Bus™, DeviceNet™, EtherNet/IP™, etc?

19. Do you require an IP rated enclosure for the controller? *An IP rated enclosure will allow the controller to be field mounted OUTSIDE the control panel.*

That's it...now with this questionnaire in hand give us a call at (800)252-7343. We should be able to quickly assess your needs and give you a product recommendation that you can be confident will be the perfect fit for you!