

RFID System Considerations

What is the application?

- FME Zone?
 - If yes, how many zones and how many entrances to each zone?
- Tool crib?
 - If yes, manned or not?
 - Open or counter?
 - How many entrances?
- M&TE Storage?
 - If yes, manned or not?
 - How many entrances?
 - Track calibration data?
 - Asset usage?
 - Will we need motion sensors at access points?
- Other? Please provide as much info on the application as possible.

IT Considerations:

Where will the SQL Toolsaver Database live?

- Company Server? If yes, get Corporate IT Cybersecurity involved early to get permission. And get Corporate IT involved, these are usually two separate groups. Corporate IT will have to install our Database on their server.
- Customer PC/Laptop?
- Cloud Hosting? We can offer cloud hosting if necessary
- Is there WIFI available?
 - If yes can our program have access to it? Please understand that we are not responsible for the performance of our system on your WIFI. We have experienced situations where there was not enough bandwidth and the data rates were very slow or non-existent. Additionally, the plant might have some programs that are “privileged” and that data takes precedent over all other data on the WIFI.

Specific Application Considerations:

- FME Zones:
 - Is there more than one entrance to the same zone? If yes, note that all of the laptops for that zone have to have access to, and share, the same database. If the database is hosted on a corporate server, there should be no problem. However, if the database is hosted on one of the laptops for that zone, or hosted on another laptop or PC that are remote from the zone, all of the laptops associated with that zone have to have access to the database. This can be accomplished using a WIFI, LAN or Cat 5 hardwired connection (usually not feasible).
- Tool crib:

- Is it a manned tool crib?
 - Is there more than one check-out area?
 - Is it a hot (contaminated) crib?
 - How do you want to identify employees making the transaction?
 - Is camera capability needed?
 - Is there already some type of software system being used for this?
- M&TE Storage:
 - Manned or not?
 - Do you wish to keep track of calibration data?
 - How to identify employees making the transaction.
 - Do we need to supply motion detectors > How many entrances?

We have interfaced with many other software platforms that were already being used such as Passport, Mettracks, NIMS and others. As long as the other third party software company is willing to share information we can usually interface and share data between the systems.