

# G.S.D. ASSOCIATES, INC.



## RFID Systems and Consulting

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You don't have to be an expert to see the value of RFID improvements to your process. Many articles about RFID illustrate the benefits. However, expertise is required to get full value from your investment.

G.S.D. Associates adds value to your RFID project from start to finish. We assist your staff with:

- ☑ Planning the system infrastructure.
- ☑ Determining the degree of communication and integration required for host systems.
- ☑ Supporting current processes or designing new ones.
- ☑ Developing supportable criteria for systems performance success.
- ☑ Applying the appropriate RFID standards.
- ☑ Providing the most effective readers, antennas, and tags.

## Services

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### Requirements Definition

- ☑ Assess your starting point and where your company is headed.
- ☑ Evaluate approaches to RFID in your environment, including internal closed loop systems, compliance to meet your customers' tagging requirements, inventory movement, check in/check out, and more.

As an experienced AutoID provider we advise on the read/write range, material interference, read data filtering, and singulation. We compare cost with performance, then offer alternatives and narrow down your options so that you can choose among viable plans.



### Tag Selection

Based on the Requirements Definition, G.S.D. will present alternatives, and call on industry specialists as required to ensure that the tags are appropriate for your environment.

RFID tags include:

- ☑ Compliance labels including EPC Gen 2.
- ☑ ID cards.
- ☑ Pallet tags.
- ☑ Returnable container tags.
- ☑ Bin and location tags.
- ☑ Windshield and vehicle tags.

# RFID Systems—Continued

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## Printer Specification



We evaluate and recommend a printer/encoder:

- Compatible with your RFID labels.
- With RF interrogator to validate RFID label.
- Rugged to stand up in your industry.
- Capable of handling today's volume.
- Flexible to grow with your company in the future.

## Interrogator and Antenna Specification



Interrogators can read and write to the RFID tags. The interrogators and their related antennas can be mounted on:

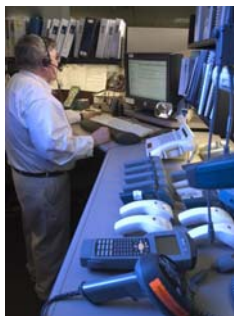
- Handheld units.
- Forklifts.
- Conveyor belts.
- Portals such as warehouse doors, loading ramps, and gates within your building.

## Testing and Qualification



We aim to take advantage of the experiences of companies similar to yours. To ensure readability the qualification process may include a test bed or a pilot project. As needed, we serve as the vendor liaison for our clients and will call in RFID industry experts on the physics of range, interference, collisions, and readability in your environment.

## Ongoing Support



We develop and maintain **long term relationships with our clients.** G.S.D.'s team remains available after initial installation and training to support your staff over the long haul.

G.S.D. provides the people, knowledge and dedication to bring all the pieces together. Whether it involves an initial meeting to discuss RFID in your industry, surveys of several locations, or the installation of one printer, G.S.D. takes responsibility for all of the pieces we provide.



*Helping you meet the data collection challenge*