

# G.S.D. ASSOCIATES, INC.



## Data Collection Hardware Specification and Installation

Hardware selection and procurement are often planned early in the life cycle of any data collection project. At G.S.D. Associates, we help you select and acquire the necessary and most appropriate equipment to support the automation of data collection, identification, material handling and labeling. We serve as the vendor liaison for our clients. We can interface equipment with your existing computer system in a way that can seamlessly transition to tomorrow's newer platforms. You may rely on G.S.D. Associates to provide a true cost effective solution that reduces your total cost of ownership.

### Equipment Options

- ✓ *Portable Readers (Batch & RF).*
- ✓ *Scanners*  
*(Laser, Long Range, 2D, Linear Imager, CCD).*
- ✓ *Wedge Readers.*
- ✓ *Cordless Scanners (PicoLink, Bluetooth).*
- ✓ *Flexible Connectivity*  
*(Serial, Parallel, USB, Ethernet, RF).*
- ✓ *Label & Tag Printers.*
- ✓ *RFID Authorized.*
- ✓ *Wireless Backbone*  
*(2.4 GHz, 802.11x, 900 MHz).*
- ✓ *Rugged Fixed Station Readers.*
- ✓ *Fixed Head Scanners.*
- ✓ *Forklift/Vehicle Mounted Readers.*
- ✓ *Windows, Linux, Pocket PC, DOS Devices.*

### After the Sale

Being a direct Value Added Reseller/Integrator for the manufacturer allows us to provide quality after the sale support for equipment we sell.

- ✓ *Serial number tracking.*
- ✓ *Facilitate warranty repair and ongoing service.*
- ✓ *Installation pretesting and staging.*
- ✓ *Handling configuration/integration issues.*

### Ongoing Support

As a reliable vendor, *we take responsibility for the success of the pieces* that we provide to our clients and offer support in all phases of your bar coding project. We also support the hardware provided with software, programming, or consumables to keep your project running smoothly. We can also coordinate hardware maintenance for all the parts that we provide in order to minimize downtime and hassle.

### Broad Selection of Equipment

We represent proven, high quality, equipment manufacturers. Our equipment is used in Wood Products, Electronics, Health Care, Manufacturing, Warehouse, and more.

- ✓ *Rugged & Reliable.*
- ✓ *Current Technology.*
- ✓ *Ergonomically Designed.*
- ✓ *Appropriate for your environment.*
- ✓ *Multiple Platforms.*
- ✓ *Easy to Integrate with your existing system.*

### Professional Office with Real Service

Our staff is experienced and reliable. We answer your call live, to save you phone tag and voice mails. We're flexible and easy to communicate with.



# Professional Approach to Data Collection

## The Challenge:

Lumber mill requires process to track units from planer to customer's dock.

Electronic parts require access to lot number traceability and manufacturing production data years after production.

Food processor requires lot tracking for goods in process through multiple steps in the production.

Need to record finished good units received and produce a report showing individual unit serial numbers.

Small vials must be tracked by lot number and contents.

## The Solution:

- ⇒ *Print finished goods tags at planer out feed and store data for later access by forklifts in shipping using RF technology and EDI data transfer.*
- ⇒ *Integrate small, high quality, reliable fixed head scanners connected via USB to a PC monitoring the production line to read heat and chemical resistant Kapton labels.*
- ⇒ *Using industrial printers to print on trailer labels with five stubs, units are scanned or a stub is removed each time the unit is moved.*
- ⇒ *Scan unit tag stubs at a PC with a wedge scanner and document stand.*
- ⇒ *Linear imager with 2D bar codes which allow scanning on curved cylinder.*

## Step by step, G.S.D. provides your hardware solution:

- ☑ We review your requirements, advise, and list your options.
- ☑ Check specifications of potential equipment in order to avoid pitfalls.
- ☑ Research and interface with hardware manufacturers.
- ☑ Provide evaluation equipment as required.
- ☑ Coordinate and provide support for supplies, software, printers, scanners, maintenance, etc.
- ☑ **We follow up with reliable service as your project progresses.**

