



Line-side Labeling

Easy and Error-proof

Push-Button Labeling™ is a wireless hardware/software solution designed to simplify and error-proof the process of labeling finished parts at line-side.

A simple, one-button RF device in the work cell replaces the need for machine operators to leave the work cell and use a PC to print labels.

Instead, the operator remains at the line and simply pushes a wireless button to signal that a label is needed. The SPEDE software automatically retrieves the correct label data and format for the part being made in that work cell, and sends the data to the printer in that cell. The label prints, and the operator immediately applies it to the container of parts being packed.

There is no operator decision-making, and no need to use a PC. It's simple to use and virtually human-proof. Operators are trained in minutes.

Push-Button Labeling ensures that:

- Container labels match the Part# inside
- Label data is current
- Label format is correct
- Pack Count is correct
- Label is correct after machine changeover

MAKE, PACK & LABEL

With Push-Button Labeling, your machine operators can remain at the line and focus on making, packing and labeling parts.

There is no distraction of leaving the line to print labels, no using PCs, and no batch-printing labels and applying them later.

About SPEDE Technologies

SPEDE Technologies is a software and systems integration company celebrating our 29th year in developing and implementing inventory labeling and control systems for manufacturing and automotive companies.

Our solutions enable industrial companies to operate more efficiently and profitably by using wireless technologies throughout their 4 walls—to automate processes, eliminate errors and reduce labor.

We implement total solutions tailored to your requirements and business objectives. Our customers are mid-sized to Fortune 500 companies with multiple facilities throughout the U.S., Mexico and Canada.

To learn how your company can benefit from today's technology and the SPEDE solution advantage, call us, or visit our website:

Toll Free: 888.808.4237

www.SPEDE.com



*Innovative Solutions for Plant Floor Excellence,
Since 1980.*



Error-Proof **LINE-SIDE LABELING SOLUTIONS**



**Prints the Correct Label
Every Time – Automatically!**

- Just Push a Button
- Touch a Screen
- Or use a PLC

Virtually Human-Proof®!

Is Your Labeling Process “Human-Proof”?

For many companies, labeling Finished Parts is an inefficient, multi-step process that is prone to human error. It usually requires a machine operator to:

1. Leave the work cell
2. Walk to a label-printing station
3. Use a PC and mouse to choose a label format and key-in data
4. Print a batch of labels
5. Return to the work cell
6. Match the labels to the containers

Some companies opt to batch-print large quantities of labels in advance and distribute them to the work cells later, hoping the right labels will get to the right cells, and the labels won't be obsolete by the time they're finally used.

Both of these processes are not only labor-intensive, but create many opportunities for mis-labeling parts.

LINE-SIDE LABELING IS KEY TO ACCURACY

One of the best ways to eliminate labeling errors is to print labels on-demand, at the point of production, and apply them immediately as containers are being packed. The less human involvement in this process, the more efficient it is, and the more accurate.

SPEDE Line-side Labeling solutions virtually automate the labeling process to eliminate errors due to operator confusion, guesswork and using a PC. Whether a production machine makes a single part number, or many parts at once, the SPEDE System will print the correct label for the part or parts being made in that work cell – every time, automatically.

There's no PC to use, no confusing software, no data entry. SPEDE Line-side Labeling solutions are so accurate and easy to use, they're “human-proof”.

SPEDE WIRELESS BRIDGE FOR PUSH-BUTTON OR PLC

The SPEDE Wireless Bridge is a patented device that minimizes human involvement when printing labels at line-side. As a result, it eliminates the labeling errors caused by mis-identifying parts, selecting the wrong label, and using labels that have inaccurate or expired data.

A SPEDE Wireless Bridge can be located in the work cell to function as a Push-Button, or as an interface between a PLC and the SPEDE Server. Both options will trigger the correct label to print automatically, right in the work cell.

As a Push-Button Labeling solution, the operator simply pushes a button when a label is needed. This action sends a signal to the SPEDE Server. SPEDE interprets the signal, and sends the correct label data to the printer in that work cell. The label is printed and immediately applied.

As a PLC solution, the SPEDE Wireless Bridge gets a trigger from a PLC and sends it to the SPEDE Server, automatically printing a label, but without manually pushing a button.

LABEL SET-UP IS AUTOMATED, TOO

The SPEDE label set-up process requires no data entry or decision-making. Label set-up is a 3-scan procedure, performed by the Supervisor during Machine set-up, to ensure the new part number will get the correct label.

The Supervisor scans 3 barcodes:



1. Part Number
2. Wireless Bridge ID
3. Printer ID

Scanning the Part Number indicates to SPEDE the label format to use, and source of ERP or EDI data to print. SPEDE prints a sample label, which can be affixed to the Push-Button/Bridge to provide visual confirmation of the label that will print.

JUST PUSH A BUTTON



Push-Button Labeling

Ideal for work cells where a single Part Number is being made.

The SPEDE software logically associates a Push-Button to a Part Number, on a one-to-one basis. When the button is pushed, the correct label for that Part Number will print in that work cell.

OR TOUCH A SCREEN



TouchScreen Labeling

Designed for work cells where a machine makes several part numbers at a time.

In a work cell where several parts numbers are produced (requiring several different labels) you can use an RF TouchScreen in place of the Push-Buttons to further simplify the process.

The TouchScreen displays a photo of each Part Number being made. The operator simply touches the photo of the part that needs a label. The label correct prints and is immediately applied to the container being packed.