

100% Accurate Labeling at Line-side

As with any business process, the more human involvement there is in the process of printing and labeling Finished Product, the greater the likelihood of making an error. And when mis-labeled product is shipped to customers, it increases costs and impacts productivity for both Supplier and Customer.

For more than 25 years, SPEDE Technologies has been helping manufacturers and automotive suppliers eliminate labeling errors by using the latest RF technologies to automate and control the label set-up and label-printing processes.

“Poke Yoke” Solutions

The SPEDE Line-side Labeling solutions are based on the Japanese concept of “Poke Yoke” (mistake-proofing) in which a device is integrated into a business process to prevent human errors.

Our solutions use an RF device such as a Wireless Bridge, a Push-button or a TouchScreen, installed at the production line, to allow only the correct label for that line to print.

Simple, On-demand Labeling

Labels can print automatically via a command from a PLC, or by pushing a wireless button or touching a screen.

There's no PC to use, no decision-making about which label to print, and no mis-identifying the part number to be labeled.

Labels are printed on-demand at line-side, as the parts are made and packed into containers. This means that workers can remain at the line to focus on making, packing and labeling parts.

Enables Honda Compliance

SPEDE Line-side Labeling solutions enable Honda suppliers to comply with Honda's new line-side labeling mandate, and any company to achieve 100% accurate labeling of Finished Parts.

About SPEDE Technologies

Celebrating our 30th Year!

SPEDE Technologies is a software and systems integration company celebrating our 30th 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.

Learn how your company can benefit from today's technology and the SPEDE solution advantage.

Call us at 888.808.4237

Visit us at www.SPEDE.com

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PLC- TRIGGERED LINE-SIDE LABELING SOLUTIONS

SPEDE Line-side Labeling Solutions – Automated, Easy and Error-free...



PLC-Triggered Labeling

- The simplest and most accurate method of printing labels at line-side
- A Wireless Bridge is connected to a PLC and to a line-side printer to automatically print a label when a pack count of good parts is made
- The SPEDE Labeling Software, which runs on a server PC connected to the RF network, logically associates the wireless bridge with the Part Number being made at that line
- When a label is needed, the PLC sends a command to the wireless bridge, which forwards it to the SPEDE Labeling Software
- SPEDE sends the correct label data to the line-side printer; the label prints and is immediately applied to the container of parts
- SPEDE sources the label data from the host ERP or EDI system to ensure data accuracy
- SPEDE can update host ERP/EDI tables to enable scanning of the labels for inventory tracking and trailer loading operations
- SPEDE maintains a real-time Label and Event Database -- for inventory tracking, production reporting, traceability and audit control
- Complies with Honda's new Line-side Labeling mandate



Push-Button Labeling

- Ideal for production lines that make a single Part Number at a time
- RF Push-button is installed at line-side, and connected to a line-side printer via RF or serial port
- The Push-button is configured by the Supervisor to print the label for that production line only
- SPEDE Labeling Software logically associates the Push-button to the Part Number being made at that line
- SPEDE prints a sample label to affix to the face of the Push-button, indicating which label will print when the button is pushed
- When a label is needed, the operator pushes the button, which sends a command to the SPEDE Labeling Software
- SPEDE sends the correct label data to the line-side printer and the label prints
- SPEDE sources the label data from the host ERP or EDI system to ensure accuracy
- SPEDE maintains real-time Label and Event Databases -- for inventory tracking, production reporting, traceability and audit control
- **The Push-button can also connect to a PLC, to automate label-printing**
- Complies with Honda Line-side Labeling



TouchScreen Labeling

- Uses the Symbol MK500 MicroKiosk, a small 5" TouchScreen terminal, installed at line-side
- MK500 is configured by a Supervisor to print only the label for the Part Number being made at that line
- MK500 displays the Part Number, Description and Pack Count data for that line
- Can display a virtual keyboard for entering non-standard Pack Counts
- Can also display status messages, real-time production data, and more
- Connects to a line-side label printer and the PC server-based SPEDE Labeling Software via the RF network
- When a label is needed, the operator touches the screen to send a command to SPEDE
- SPEDE sends the correct data to the line-side printer and the label prints
- SPEDE sources label data from the host ERP or EDI system to ensure accuracy
- SPEDE maintains real-time Label and Event Databases -- for inventory tracking, production reporting, traceability and audit control
- **The MK500 can also connect to a PLC, to automate label-printing**
- Complies with Honda Line-side Labeling