SYNOPSIS:

Serialized Parts Counting Solutions
with 6 Customer Examples

SPEDE Technologies

This is a Brief Synopsis of the Full Presentation

- We show 6 different automated solutions for counting serialized parts.

- Each solution uses a PLC to supply the part data.

- Depending on the customer's procedures and data requirements, we added other technologies to increase accuracy and further streamline the process.

To get the free Full Presentation, please [click here](#).

Serialized Parts Counting with 6 Customer Examples

Each Solution Combines Different Technologies :

1:   Serialized Part from PLC with Part Validation

2:   Serialized Part from Fixed/ Handheld Scanner

3:   Serialized Part plus Camera Snapshot of Part

3a: Serialized Part plus Camera Snapshot – SPEDE screen

4:   SPEDE-generated Part Serial Number plus Part Label

5:   Serialized Parts + Vision + Conveyor Control

6:   Serialized Parts for Honda Batch Orders

Featured Customers
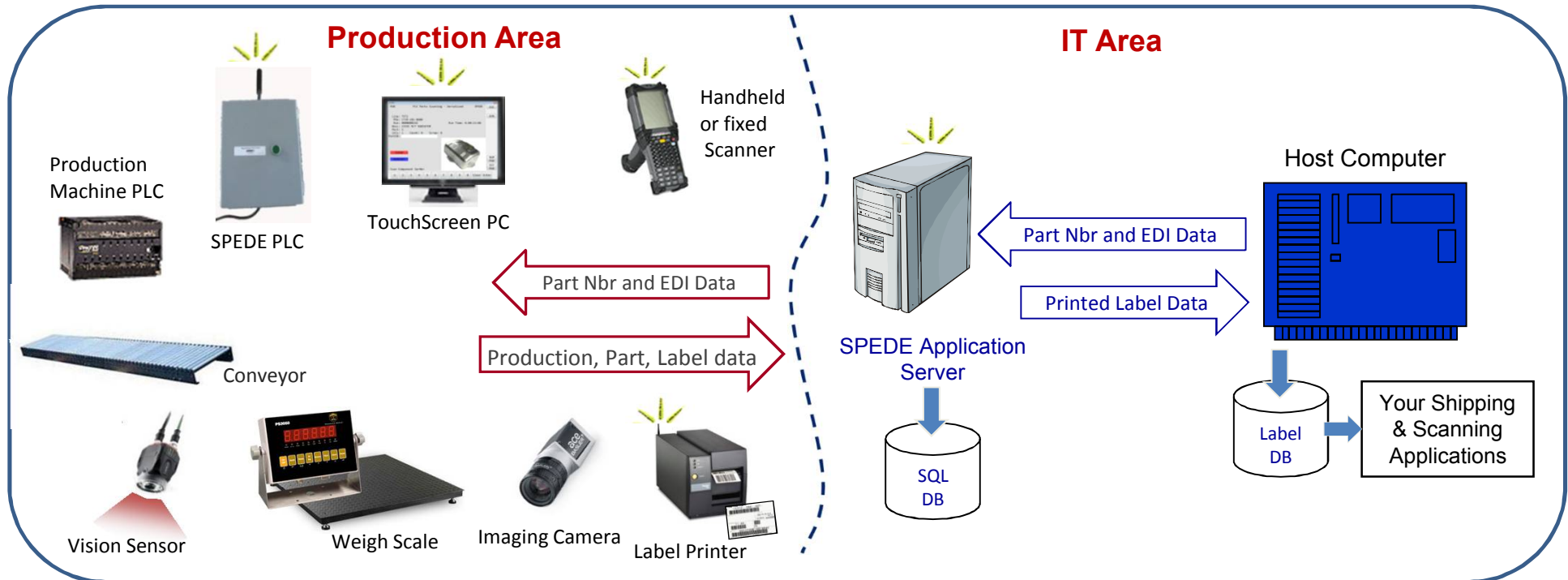
Autoliv-Nissin Brake Systems

TOYODA GOSEI

NISCO

TMD

NHK NASCO

TRAD North America

SPEDE Technologies

Overview of SPEDE Solution Interfaces

- SPEDE Software resides on SQL Server, with access by Client PCs, Handhelds, PLCs, etc.
- SPEDE Apps interface to and control networked devices
- Collects / Displays Real-time PLC Production Data
  - Time-stamps & Logs Piece Count, Scrap & Cycles data into MS/SQL DB for Traceability, OEE
- Prints Labels; Logs Printed Label Data for Inventory, Shipping, Traceability
  - Gets label data from host ERP, EDI, Release Accounting system
  - Time-stamps and logs the printed label data into MS/SQL DB; updates to host systems

3 Benefits of Automated Parts Counting

Accuracy

- Accurate Part counts
- Accurate Pack Counts and Container Labeling
- Accurate Production reporting

Efficiency

- No labor and expense for manual counting
- No data entry or recordkeeping
- Real-time production run data displays at line-side
- Automatic updates to host systems

Traceability

- Automatic traceability from Production back to Raw
- Automatic traceability forward to Customer
- Enables focused inquiries by part, run date, lot, etc.

SPEDE
Technologies

Added Benefit: Part Traceability

Automatic Traceability by Part / Container

- A serial number is linked to each Part's production data:
  - Production Machine, Run Date, Shift, Operator, Lot, Location, etc.
  - Container Serial Number(s) in which the Part was packed
  - All other Serialized Parts in a generalized Container

- Provides Traceability by Part, Lot, Container, Line, Run Date, etc.

- Forward Traceability from Production out to Customer

- Backward Traceability from Production back to Receiving, Raw Components, Supplier

Meet a Few of our Customers...

Simplifying Processes... Standardizing Excellence.®

To Discuss Your Line-side Project...

Contact:

Bob Bunsey

440-808-8888   x22

info@spede.com

www.spede.com

About Us:

SPEDE Technologies is a software and systems company with 39 years of experience in the automotive industry. We specialize in Automated Line-side Solutions that control and standardize production area processes to ensure consistent accuracy, increase efficiency and provide 20/20 visibility into line-side operations.

Our Customers are mid-size to Fortune 500 auto suppliers with multiple plant sites throughout the U.S. and in Mexico. They rely on SPEDE Automated Line-side Solutions to keep their mission-critical processes running smoothly, 24/7.