

SPEDE reads the Part serial number and ... Verifies the Part for correctness; diverts wrong or bad part • Counts good parts toward pack count **Raw Material** Raw Material Weigh-counts the Parts Container & Data from Warehouse Prints the Customer Container Label • your Suppliers Collects OEE Data / Updates host apps ٠ Collects Track & Trace Data RAW ٠ Production Production Run Machine Lineside Labeling & Read/Write PLC SPEDE PLC **Control System** SQL Server SERIALIZE 2D Serial Nbr Host Computer COUNT Vision Sensor Conveyor (count/inspect) _____ INSPECT Control Diverter _____ Divert PLC ERP/ ED/ RAS çè systems Qact Joint Scale SQL Head DB Good Bad Parts Parts Weigh Scale DB DB Reworl Browser inquiries for WiFi Touchscreen PC or Scrap QC, realtime inventory, at packaging FIN traceability, etc. Parts Full Pack = and a Flow Print a Label Accurately Labeled Parts to Customers Labeled Parts to warehouse. ready to ship to Customers Accurate Traceability Data to your ERP

Simplifies Processes ... Ensures Accuracy

Integrates PLCs, Etchers, 2D Readers, Vision Sensors, Conveyors, / Diverters Weigh Scales and Cameras To Serialize, Inspect, Count, Record, Label, Track and Trace Parts

Phase-in Functionality

- Automate Container Labeling
- Automate Piece Counts Good, Scrap
- o Serialize Individual Parts
- Validate Tools / Components
- Validate Parts for correctness, defects
- $\circ~$ Control Partials at end of run /shift
- Display real-time Piece Counts, Label Status, Machine Data, etc. on Touchscreen PC
- Export Label Data to EDI / Shipping
- Export Production Data to ERP / OEE
- Trace Serialized Parts by Part Number, Lot, Container, Line, Run Date, etc.
- Trace Parts Forward to Customer; Back to Production/ Suppliers
- Create a History of Individual Parts including Rework
- Confirm Processes / Accountability
- o Honda MPR Compliance