SPEDE Operational Traceability

WIP Area

SPEDE Touchscreen PC

PLC

Read / Write PLC

Print WIP Container Label

Scan location of WIP Container Label

Operation N

WIP Flow
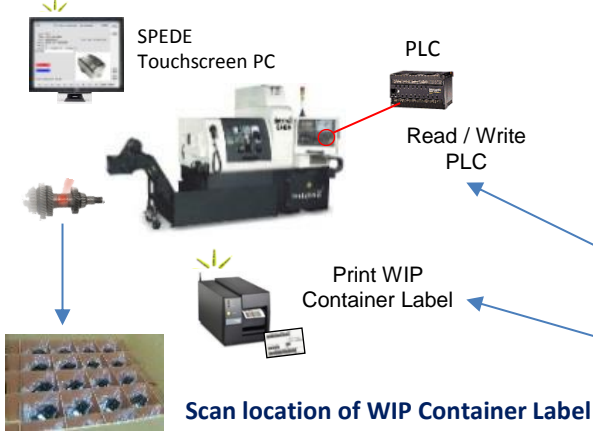
Operation N
Scan / verify WIP Label

SPEDE Touchscreen PC

PLC

Read / Write PLC

Print WIP N Operation Container Label

Scan Location of WIP Container Label

SPEDE Touchscreen PC

PLC

Read / Write PLC

Operation Final

Final Packaging
To Optional Lineside Labeling

SPEDE Routing
by WIP / FG Part Number

- List of operation sequence
- Sequence can be fixed by part number
  e.g. 1 ->2 ->3 ->4 ->5)
- Sequence can be DYNAMIC by Part Setup
  e.g. 1 -> 2 ->4 ->3 ->5)
- Set up via SPEDE Web application

SPEDE Application Server

Traceability Reports

SPEDE Browser App

SPEDE DB
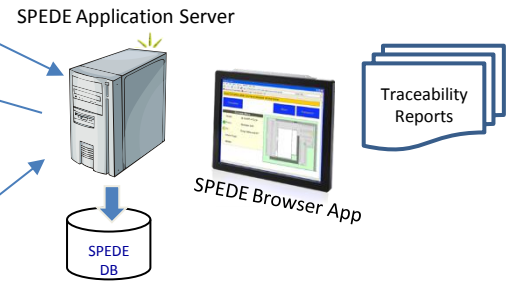
SPEDE WIP Labeling
at Each Operation

Includes HMI, printer, barcode scanner
- Operator sign-on
- Start of Run
- Verify issued components
- Print Labels
- Walk up and print
- PLC integrated counts

Optional Vision Sensor
- Weigh Count
- WIP Label - prints part, Description/ Operation, Date-time, Operator, Lot, Next Operation, Serial Number, Issue to Next Operation

Operational Inquiries:
- By Part, Operation, Our Lot, Vendor Lot, Location, Fifo date, Operator

Simplifying Processes... Standardizing Excellence.®

SPEDE
Technologies