

## Traceability of Work-in-Process Items – Critical Tracking Events

### Transforming Items or Ingredients into WIP Items

- Scan Serial Nbr on Internal Label of Items or Ingredients Consumed in Mfg Order
- Scan or Enter Lot Nbrs of Items Consumed
- SPEDE links Item Serial Nbr and Lot Nbrs to Mfg Order
- Fill WIP Container with Transformed Items
- SPEDE assigns a new, or retains an existing, WIP Batch or Lot Nbr
- Print Serialized Internal Label for Container of WIP



### Scan WIP Label to Record Production Receipt

- Scan Serial Nbr on WIP Label to Record Production Receipt
- SPEDE Inventory Database is updated real-time



### Scan WIP Label to Record Putaway

- Scan Serial Nbr on Internal Label and Scan Location to Record Move to Warehouse

### Scan WIP Label for Outside Processing

- Scan Serial Nbr on WIP Label to record Shipment to Outside Processor
- Scan Serial Nbr on WIP Label to record Receipt from Outside Processor
- SPEDE Inventory and Event Databases are Updated

### QC Inspection / QC Hold

- Inspect a Container or Pallet of Items
- If QC issue exists, place an “**Electronic QC Hold**” on suspect Lot Nbrs to prevent moving of items further downstream

### Real-time Inventory and Event Databases

- **SPEDE Inventory Database:** Real-time tracking and visibility of each Labeled Inventory Item. Data includes Label Serial Nbr, Item Nbr, Batch, Lot, Description, Qty, Location, Statuses, etc.
- **SPEDE Event Database:** Real-time repository of all Inventory, Labor and System Events. Each Event transaction includes “What, When, Where & Who” for accurate Item Traceability, 24/7.

